

ANNUAL REPORT 2023-2024

(JULY 2023 TO JUNE 2024)



'A+' Grade NAAC Accredited University

801-1000 Rank Band in the 'Physical Science' category in the world and 33rd in India in the Times Higher Education World University Rankings 2025.

1001-1250 Rank Band in the 'Engineering' subject category in the world and 68th in India in Times Higher Education World University Rankings 2025.

1201-1500 Rank Band in the world and 59th in India in the Times Higher Education World University Rankings 2025.

Ranked 47th in 'State Public University' Category in India Rankings (NIRF) by Ministry of Education, Govt. of India-2024

Ranked 55th in 'Pharmacy' Category in India Rankings (NIRF) by Ministry of Education, Govt. of India-2024

101-150 Rank Band in the 'University' Category in India Rankings (NIRF) by Ministry of Education, Govt. of India-2024

101-125 Rank Band in Management category in India Rankings (NIRF) by Ministry of Education, Govt. of India-2024

Ranked 501-600 in Asia University Rankings by the Times Higher Education World University Rankings 2024 and 71st place in India

Scopus h-Index: 131 (Highest in the region)

Scopus Citation 1,25,049 Scopus Research Publications: 5290

The Average Paper Citation is 23.68

Graded Autonomy of Category-II by UGC in 2023.

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND
TECHNOLOGY, HISAR (Haryana)
(State Govt. University)**

(Established by State Legislature Act 17 of 1995)

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Prof. Narsi Ram Bishnoi
Vice-Chancellor

PREFACE

Guru Jambheshwar University of Science and Technology started its journey on 20th October, 1995 at Hisar, Haryana. The University was established under the Act of State Legislature that facilitates excellence in teaching and research in promising areas of higher education with focus on new frontiers of Science & Technology, Engineering Studies, Environmental Studies, Media Studies, Pharmaceutical Sciences, Management Studies, Yoga Science, Physiotherapy, Humanities and Social Sciences and also to achieve excellence in these and related fields. The University has achieved several milestones since its establishment. The University is duly recognized by the University Grants Commission (UGC) under Section 2(f) for recognition of degrees and under Section 12(B) of the UGC Act for central assistance. Today, the University spreads over 372 acres of lush green land with 10 mammoth Teaching Blocks, 30 Teaching Departments classified under 09 Faculties which houses 84 regular programmes on the campus along with Ph.D. degree programmes in most of the departments. Further, the University is running 10 UG & PG programmes, 12 (Diploma and Certificate Programmes) through ODL mode and 05 UG & PG 02 Programmes Diploma programmes and 32 Certificate Courses in Collaboration with Haryana Knowledge Corporation Limited (HKCL) through Online mode.

University is proud of its gigantic and rich infrastructure. It has prestigious state-of-the-art Ch. Ranbir Singh Auditorium which is regarded as a technical jewel in this region of the country where Conferences, Seminars, Workshops, Cultural programmes, etc. are organized at both national and international levels. It has a spacious Library with around

4 Lakhs Books and e-Books, Research Journals, Periodicals, Magazines, Newspapers etc. in addition to its big reading rooms. University has sufficient hostel facilities for boys, girls and working women. A huge sports Complex and two Multipurpose halls for indoor games are very popular with students. It has well equipped Pandit Deendayal Upadhyaya Computer and Informatics Centre and campus wide networking cell which provides Internet and Wi-Fi facility to the entire campus. Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory is a well acclaimed Centre which not only provides facilities to researchers of the University but also caters to the research needs of other Institutions of the region. Students are progressively benefitting from its Training and Placement Cell. University has well sought-after Pandit Deendayal Upadhyaya Innovation and Incubation Centre to foster innovative ideas of its students and other innovators. University Health Centre provides health facilities to all its students and employees.

The National Assessment and Accreditation Council (NAAC), has accredited this University at 'A+' Grade. In addition to this, the University has been ranked in band 101-150 among the Universities/Institutes in India as per National Institutional Ranking Framework (NIRF) in 2024. *The University has secured 47th rank in State Public University Category, 55th rank in Pharmacy category and 101-125 rank band in Management category under NIRF-2024 by the Ministry of Education, Government of India. The University has also been ranked 1201-1500 in the world and 59th in India in the Times Higher Education World University 2025. The University has also been ranked 801-1000 in the 'Physical Science' subject category in the world and 33rd in India in the Times Higher Education World University Rankings 2025.*

The University has been granted graded Autonomy and UGC has placed it in Category-II University. This University has also been admitted for the 3rd time for Global Initiative of Academic Network (GIAN) Phase-III Scheme, a prestigious scheme of MHRD (MoE). The University has also been *Ranked 22nd in India and 639th in the world in UI GreenMetric World University Rankings 2024, a ranking on green campus and environmental sustainability initiated by Universitas Indonesia.*

The University has constantly motivated and encouraged interdisciplinary collaboration and Research. The University fraternity has done its best to yield meaningful results in the area of academics, research, administration, sports and other connected activities. More than **5200** research papers have been published by the faculty in peer reviewed

journals of repute which are listed in SCOPUS with more than 125058 citations. The h-index of the University *has increased to 131*. This is the highest h-index of any University in the State of Haryana.

The University, with its reputation at National and International front, is committed to advance its academic horizon. The University constantly endeavors to bring together academia and industry at a common platform in the form of MoUs signed time to time for the benefit of the students and provide impetus to entrepreneurship and innovation capabilities and thus participate in Nation Building efforts. The University provides a congenial academic atmosphere to nurture not only the varied interests of its aspiring students but also mentors the academic growth of its students which goes a long way in helping students to pursue their academic excellence on frontier areas of their academic programmes and achieve great professional roles in their life.

I am of the belief that the University would do more for the sustainable growth and development of academic and research culture in the campus and its affiliated colleges/institutions. I am sure that the aspiring candidates who would successfully join the University shall get a great opportunity to materialize their dreams. I wish all the best to students for their successful endeavors for their bright future.

Prof. Narsi Ram Bishnoi



Dr. Vijay Kumar
Registrar



PREFACE

Guru Jambheshwar University of Science and Technology was established on 20 October, 1995 by an Act of State Legislature and the preamble of the Act states that the University will facilitate and promote studies and research in emerging areas of Higher Education. The University is duly recognized by the University Grants Commission (UGC) under Section 2(f) for recognition of degrees on 11.1.1996 and under Section 12(B) of the UGC Act for central assistance on 7.2.1997.

The University has constantly motivated and encouraged interdisciplinary collaboration and Research. In the ambit of the above, the University runs Ph.D. programmes in most of the teaching Departments, besides the UG and PG programmes. For effectively running the Doctoral and Post-Doctoral programmes and independent research projects, the University has created necessary infrastructure in the form of state-of-the-art laboratories, Animal House, Electronic Databases, Research Journals and Reference Books in the University Library, High Speed Internet connectivity and above all, a supporting environment.

It has a spacious Library with around 4 Lakhs Books and e-Books Research Journals, Periodicals, Magazines, Newspapers etc. in addition to its big reading rooms. University has sufficient hostel facilities for boys, girls and working women. A huge sports Complex and two Multipurpose halls for indoor games are very popular with students. It has well equipped Pandit Deendayal Upadhyaya Computer and Informatics Centre and Campus Wide Networking Cell which provides Internet and Wi-Fi facility to the entire campus. Dr. A.P.J. Abdul Kalam Central Instrumentation Laboratory is a well acclaimed Centre which not only provides facilities to researchers of the University but also caters to the research needs of other Institutions of the region.

To motivate and support the researchers to produce patentable research work, the University has established CIIP which helps in filing patents and sensitizing the researchers about patent procedures. All such good practices and new initiatives taken have led the University to earn 'A+' grade from National Assessment and Accreditation Council, Bangalore. I wish all the best to the students for their bright future.

Dr. Vijay Kumar

OFFICERS OF THE UNIVERSITY

HON'BLE CHANCELLOR
Shri Bandaru Dattatraya,
Governor, Haryana

		Telephones
Vice-Chancellor	Prof. Narsi Ram Bishnoi	01662-276192, 263101 Fax: 01662-276240 e-mail: vc@gjust.org
Registrar	Dr. Vijay Kumar	01662-263104, 276025 Fax: 01662-276025 registrar@gjust.org
Dean Academic Affairs	Prof. Yogesh Chaba	01662-263674 daa@gjust.org
Proctor	Prof. Sandeep Rana	01662-263.....
Chief Warden(Girls)	Prof. Sujata Sanghi	01662-263376
Chief Warden(Boys)	Prof. Om Parkash Sangwan	01662-263676
Dean Students' Welfare	Prof. Yogesh Chaba	01662-263302
Dean of Colleges	Prof. Sanjeev Kumar	01662-263468
Controller of Examinations	Prof. Yash Paul Singla	01662-263130

DEANS OF FACULTIES

Prof. Karam Pal Narwal
Dean, Faculty/ School of Haryana School of
Business
01662-263372

Prof. Manoj Dayal
Dean, Faculty of Humanities and
Social Sciences
01662-263540

Prof. N.K. Bishnoi
Dean, Faculty of Religious Studies
01662-263159

Prof. Sandeep Kumar Arya
Dean, Faculty of Engineering & Technology
01662-263549, 263171

Prof. Sujata Sanghi
Dean, Faculty of Physical Sciences &
Technology
01662-263120

Prof. Asha Gupta
Dean, Faculty of Environmental and
Bio Sciences & Technology
01662-263652

Prof. Sumitra Singh
Dean, Faculty of Medical Sciences
01662-263554

Prof. Vandana Punia
Dean, Faculty of Education
01662-263199

Prof. Rajiv Kumar
Dean, Faculty of Law
01662-263659

Technical Advisor (HRM) to Vice-Chancellor: Prof. Sandeep Singh, 01662-263701
Technical Advisor (Adm.) to Vice-Chancellor: Prof. Vinod Chhokar, 01662-263106

CHAPTER-1

ABOUT THE UNIVERSITY

Guru Jambheshwar University of Science and Technology, Hisar (formerly Guru Jambheshwar University) a State University was established on October 20, 1995 by an Act of the Legislature of the State of Haryana to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, pharmacy, environmental studies, non-conventional sources energy and management studies and also to achieve excellence in these and connected fields. It was formally inaugurated on November 1, 1995. It is named after Guru Jambheshwar Ji Maharaj, a saint environmentalist of 15th century.

The University is situated at Hisar, a rapidly growing town situated at 167 Km. from Delhi on Delhi-Rohtak- Hisar- Sirsa- Fazilka National Highway (NH-9) and at a distance of 231 Km. from Chandigarh on NH-65. The University is situated over a sprawling area of about 372 acres. The campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately, 275 acres of land have been developed providing with all facilities such as water supply, street lighting, electricity supply and parks/ lawns etc. The University has two cafeterias with the facility of big dining hall, kitchen, store etc. Besides, there is a Shopping Centre where several facilities, such as saloon, laundry, post office, bookshop, bank with ATM facility, grocery shop, sweets shop, computer and photocopying facilities, etc. are available to the residents.

The University has been recognized by the University Grants Commission (UGC) under Section 2(f) for recognition of degrees on 11.1.1996 and under section 12(B) of the UGC Act to be eligible for central assistance on 07.02.1997. **The University is 'A+' Grade accredited by National Assessment and Accreditation Council (NAAC) in the 4th cycle w.e.f. 18.10.2022 with CGPA of 3.38 and before this the university was having 'A' grade for the past 20 years.**

The National Assessment and Accreditation Council (NAAC) has recently accredited this University at A+ Grade in the 4th cycle w.e.f. 18.10.2022 to 17.10.2027. In addition to this, in India Rankings 2024 - Ranking of Higher Educational Institutions by Ministry of Education, Government of India, the University has been ranked 47th in the 'State Public University' category, 55th in 'Pharmacy' category, rank band 101-125 in the 'Management' category and ranked band 101-150 in the University Category.

The University has also been ranked 1201-1500 in the world and 59th in India in The Times Higher Education World University Rankings 2025 and 801-1000 in the world and 33rd in India in the 'Physical Sciences' subject category rankings in The Times Higher Education World University Rankings 2025, 1001-1250 in the world and 68th in India in the Times Higher Education 'Engineering' subject category rankings 2025, 401-500 in the world and 41st in India in The Young University Rankings 2024, Rank Band 501-600 in Asia and 71st in India in Asia University Rankings 2024, 801-1000 'Engineering & Technology' category ranking 2024 in the world and 43rd in India. The University has also been ranked 22nd in India and 639th in the world in UI Green Metric World University Rankings 2024. The University has also been ranked 1045th, Grade 'A' and Band 'GOLD' in the Global University (GU) Ranking (London) in 2023. The University has also been admitted for the 3rd time for Global Initiative of Academic Network (GIAN) Phase-III Scheme, a prestigious scheme of MHRD (MoE).

The University has constantly motivated and encouraged interdisciplinary collaboration and Research. More than 5206 research papers have been published by the faculty and researchers in peer reviewed journals of repute which are listed in SCOPUS with 1,18,874 citations and our average paper citations is 22.83. The h-index of the University has also gone upto 131. This is the highest h-index of any University in the State of Haryana.

The University has been graded as Category-II University for Grant of Graded Autonomy as per Categorization of the University under UGC Regulations, 2018. The University Grants Commission has granted autonomy to the University for maintaining high academic standards. The University will remain within the ambit of UGC but will have the freedom to start new courses, Off Campus Centres, Skill Development Courses, Research Park and many other new Academic programmes. The University also has the freedom to hire Foreign Faculty, enroll foreign students, give incentive base emoluments to the faculty, enter into academic collaborations and run open Distance Learning Programmes. The dimension of autonomy for Category-II Universities will be as per notification, dated 12th Feb., 2018 issued by University Grants Commission, New Delhi.

1.1 LOCATION

The University is situated at Hisar, a rapidly growing town 167 Kms. from Delhi on the bye pass on Delhi-Sirsa-Fazilka National Highway (NH-9). It is at a distance of about 231 Kms. from Chandigarh on N.H. No. 65. It is well connected by rail and road. It is one of the principal cities catering to the administrative and commercial needs of huge rural population. It is a major centre of higher education and research with three major Universities of the State, several research institutions, degree colleges, breeding farms and a growing industrial environment. An Army Cantonment located in Hisar enriches its cultural life.

1.2 JURISDICTION

The State Govt. vide notification No. S.O.7/H.A. 17/1995/S.4/17 dated 21.06.2017 has redefined the jurisdiction and authorized this university to exercise its power on all types of colleges of District Hisar.

1.3 VISION, MISSION, AND OBJECTIVES

VISION

To develop Guru Jambheshwar University of Science & Technology, Hisar as a centre of excellence for quality teaching and consultative research to produce competent technocrats and a knowledge power house capable to support the growth of economy and welfare of society.

MISSION

The University aspires to be a globally recognized Centre of Excellence in the field of technical education and research. It strives to achieve this by introducing innovative job-oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focusses on the student community to imbue them passion for knowledge and creativity and to promote sustainable development with a strong conviction for professional, ethical, social and environmental issues.

OBJECTIVES

The objectives of the University as enshrined in the Act are to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of Technology, Pharmacy, Environmental studies, Non-conventional Energy Source and Management studies and also to achieve excellence in these and connected fields.

1.4 CAMPUS

The University has eight teaching blocks and separate building of Bio & Nano Technology Centre and Haryana School of Business. There are 325 residential houses of different types for various categories of employees. The University has an Auditorium building with State-of-the-Art facilities. The University has a branch of a nationalized bank with ATM facilities and a post office in the Shopping Complex. Beautification of the campus is being made on priority by the Horticulture Wing of the University Works Department to provide healthy and pollution free environment in the campus. The University is also running its cafeteria. Solar Power Plant of 1 M.W. (1000KW) is installed under PPP Mode to generate renewable energy. 15 Nos. water recharge pits has been constructed at various places to maintain underground water resources. LED lights and Low consumption fans are being used in whole campus. The University is also providing medical facilities to its staff and their family members, students through its Health Centre. A religious centre is working through its Dean. Human Resource Development Centre is providing training to teaching and non-teaching staff of the University within the State of Haryana and outside Haryana. The University has installed its own canal based water treatment plant for supply of water in its campus and also operating a 2.5 MLD capacity sewage treatment plant in campus. The University has a separate building of University Computer and Informatics Centre where more than 300 computers are installed for students. The University has an Innovation & Incubation Center building with multiple facilities such as Seminar Hall, Interview room, Centre of Excellence, Entrepreneurship Development Cell, etc.

1.5 HOSTELS

There are following nine (four boys, four girls and one working women) hostels, detailed as under:-

BOYS HOSTELS

Hostel Type	Name of Hostel	Total Rooms	Intake Capacity
Boys Hostel-I	J.C.Bose Sadan	95 (Three Seater)	285
Boys Hostel-II	Aryabhata Sadan	120 (Two Seater)	240
Boys Hostel-III	Madan Lal Dhirga Sadan	96 (Three Seater)	288
Boys Hostel-IV	Vivekanand Bhawan	120 (Three Seater)	360
Boys Hostel-IV New Wing	Vivekanand Bhawan	56 Gen. (Four Seater) 24 International Students (Two Seater)	224 48

Total 1445

GIRLS HOSTELS

Hostel Type	Name of Hostel	Total Rooms	Intake Capacity
Girls Hostel-I	Kasturba Bhawan	75 (Three Seater)	225
Girls Hostel-II	Saraswati Bhawan	120 (Two Seater)	240
Girls Hostel-III	Manikarnika Bhawan	99 (Three Seater)	297
Girls Hostel-IV	Amrita Devi Bhawan	136 (Three Seater)	408
Other Hostel	Working Women Hostel	48 (Two Seater)	96

Total 1266

All these hostels are functional on the University Campus. Some of the hostels have taken major renovation programme, Kitchen of the hostels are equipped with dough kneading machines, automatic potato peeling machine, chapatti making machine and other kitchen tools so as to provide hygienic food to the residents of the hostel. The hostels are fitted with industrial water purifiers. An advance RO 500 LPH system with TDS and ozonated system to purify the water has been installed in all hostels. Each hostel has also been provided with a big additional drinking water storage tank and water lifting pump. All the hostels are provided with LEDs, chessboards, carom boards, chinese checkerboard, table tennis for recreation and entertainment of the students within the hostel premises. Besides, residents of girls' hostels have been provided number of indoor games, gym facilities with

jogger, abdominal and Cycle exerciser including Bridge Ladder and Swing Jhoola. All the hostels have been provided with facilities such as electric geysers, solar geysers, telephone facilities, desert coolers, water coolers, insect killers. Each hostel has a common room where newspapers and latest magazines are available to the students. Further, all hostels have internet and Wi-Fi facilities. Air conditioned Cyber Café with computer and internet connectivity has been established within the girls' hostel campus. Seating capacity of about two hundred residents is also provided for the reading purpose in girls hostel complex. The CCTV cameras have been installed at various places for security purpose.

Medical facilities to the hostel residents are provided through the university Health Centre where qualified Doctors are available from 8.00 am to 6.00 pm. An ambulance facility is also provided for students residing in hostels round the clock. All the girls' hostel are surrounded by a common boundary wall. CCTV cameras have been installed on girls' hostel main gates for security purposes. However, one camera is installed at the entrance gate of each hostel. General store, photostat shop, parlour shop and confectionary shop are available inside girls hostel complex. Sanitary Napkins vending machines and incinerator machines are also installed in each girls' hostel to comply the "Sawachh Bharat Mission".

All the nine hostels are well equipped with inverters for the dining hall, common room, corridors, stairs, bathrooms and warden's office so that the residents of the hostels do not get disturbed if there is any electricity failure/cut. One of the major thrusts of the Wardens is to provide hygienic and healthy food to the residents. Everyday an approved menu is provided by the contractor and quality check is done randomly by the Mess committees, Wardens, Coordinators, Deputy Chief Wardens and Chief Wardens. Efforts are made in consultation with the very energetic and dedicated team of Coordinators/Wardens to ensure a better quality of life for all the hostel residents.

The lawns around the hostels are developed aesthetically to provide refreshing view while entering or leaving hostel. Each hostel has been provided lawn benches for comfort. The university adopts a calendar of events for hostel according to which at least two functions are organized in the form of welcome party- at the beginning of the academic session and a farewell party – at the end of session. Students come forward collectively to organize various festivals and days of National importance on regular intervals where the best artistic talent of the hostels gets the opportunity to express itself creatively. Induction programme are organized in hostels in the beginning of the academic session to make the students familiar with hostel rules and regulations and to take preventive measures of controlling ragging and share the positive culture of hostel with the students and ultimately to induct them in the hostel and University. The period spent in hostel is an experience which the students will cherish in their future years as a period spent in socializing imbibing qualities of fraternal living civic duties and leadership roles.

The Vice-Chancellor, the Registrar, the Chief Wardens, Deputy Chief Wardens, Coordinators and the Wardens are sensitive to the students concern and make efforts to provide students a healthy and academic friendly atmosphere within and outside the hostel premise.

1.6 ACADEMIC PROGRAMMES

The University offers a wide range of academic programmes/ courses at postgraduate and undergraduate level. All these courses are designed by taking into consideration the special needs of the market and the Industry and the Model Curricula supplied by the UGC/AICTE/PCI and other regulatory bodies. Emphasis is laid on both theoretical and practical training for exposing students to the latest developments in the various areas of science and technology. For the purpose, the University also invites academicians, professionals & researchers from various institutions and industries. Adequate training and placement facilities are available for the students. The University also arranges campus interviews. Workshops, Seminars and Symposia are conducted regularly. In plant industrial training is an essential component of most of the programmes/courses.

1.6.1 PROGRAMMES ON THE CAMPUS

The following Programmes are being run on the Campus in the areas of science, technology, engineering, pharmacy, physiotherapy, Social Sciences and management:-

REGULAR PROGRAMMES

Postgraduate Programmes	
M.Tech. (Computer Science & Engineering)	Master of Computer Applications (MCA)
M.Tech. (Environmental Science & Engineering)	Master of Business Administration (MBA)
M.Tech. (Electronics & Communication Engineering) (Zero session)	MBA-Finance
M.Tech. (Mechanical Engineering)	MBA Marketing
M.Tech. (Printing Technology)	MBA-International Business
M.Tech. (Food Technology) (Zero session)	MBA- Business Analytics
M.Tech. (Geo-informatics)	MBA- Healthcare
M.Pharma. (Pharmaceutical Chemistry)	M. Com.
M.Pharma. (Pharmaceutics)	M.Sc. (Biotechnology)
M.Pharma. (Pharmacology)	M.Sc. (Microbiology)
M.Pharma. (Pharmacognosy)	M.Sc. (Chemistry)
Master of Physiotherapy (Orthopedics)	M.Sc. (Environmental Sciences)
Master of Physiotherapy (Sports)	M.Sc. (Food Technology)
Master of Physiotherapy (Neurology)	M.Sc. (Mathematics)
Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	M.Sc. (Physics)
Master of Library and Information Science	M.Sc. (Psychology)
M.A. (Mass Communication)	M.Sc. (Economics)
M.A. (English)	M.Sc. (Yoga Science and Therapy)
M.A. (Hindi)	M.Sc. (Botany)
M.A. (Education)	M.Sc. (Zoology)
	M.Sc. Computer Science(Artificial Intelligence and Data Science)
Undergraduate Programmes	
B.Tech. (Computer Science and Engineering)	B.Tech. (Food Technology)
B.Tech. (Computer Science and Engineering) Artificial Intelligence & Machine Learning	B.Tech. (Civil Engineering)
B.Tech. (Electronics & Communication Engineering)	B.Tech. (Electrical Engineering)
B.Tech. (Information Technology)	B.Tech. (Electronics and Biomedical Engineering)
B.Tech. (Mechanical Engineering)	Bachelor of Pharmacy
B.Tech. (Printing Technology)	Bachelor of Physiotherapy
B.Tech. (Packaging Technology)	
Undergraduate Programmes for Working Professionals	
B.Tech. (Mechanical Engineering)	B.Tech. (Computer Science and Engineering)
Undergraduate B.Tech. programmes in Hindi Medium	
B.Tech. (Electronics and Communication Engineering)	B.Tech. (Computer Science and Engineering)
B.Tech. (Mechanical Engineering)	B.Tech. (Information Technology)

Undergraduate and Integrated B.Sc.-M.Sc. Programmes as per NEP 2020	
Integrated B.Sc. (Physical Sciences)-M.Sc. Physics	Integrated B.Sc. (Hons./Hons. with Research)–M.Sc. Economics
Integrated B.Sc. (Physical Sciences)-M.Sc. Chemistry	Integrated B.Sc. (Hons./Hons. with Research)–M.Sc. Psychology
Integrated B.Sc. (Physical Sciences)-M.Sc. Mathematics	Integrated B.Sc. (Hons./Hons. with Research)–M.Sc. Geography
Integrated B.Sc. (Life Sciences)-M.Sc. (Biotechnology/Microbiology/Botany/Zoology/Chemistry)	Integrated B.A. (Hons. /Hons. with Research)-M.A. Mass Communication
Integrated B.Sc. (Hons. /Hons. with Research)- M.Sc. Computer Science (Artificial Intelligence and Data Science)	Integrated B.Sc. (Hons. /Hons. with Research)- M.Sc. Food Technology
Other programmes	
P.G. Diploma in Guidance & Counseling	B.Voc. (Food Processing and Engineering)
P.G. Diploma in Yoga Science & Therapy (Zero session)	
New programme as per NEP 2020 w.e.f. 2024-25	
Integrated BBA – MBA	B.Tech. Electronics and Computer Engineering
Integrated BCA-MCA	B.Tech. Artificial Intelligence and Data Science
Integrated B.Com.- M.Com.	B.Sc. (Aviation)
Integrated B.Sc. (Hons./Hons. with Research) – M.Sc. in Yoga Science and Therapy	B.Sc. B.Ed. under ITEP
M.Sc. (Geography)	B.A. B.Ed. under ITEP
New programmes	
B.A. LLB	

1.6.2 CENTRE FOR DISTANCE AND ONLINE LEARNING

The Centre for Distance and Online Education offers the following programmes through distance mode:-

Post Graduate Programmes

1. Master of Arts (Mass Communication)
2. Master of Science (Mathematics)
3. Master of Business Administration (MBA)
4. Master of Commerce (M.Com.)
5. Master of Computer Applications (MCA)
6. Master of Arts (English)

Graduate Programmes

7. Bachelor of Arts (Mass Communication)
8. Bachelor of Arts (B.A.)
9. Bachelor of Commerce (B.Com.)

PROGRAMMES THROUGH ONLINE MODE:-

1. Bachelor of Commerce – General
2. Master of Business Administration – Human Resource, Marketing (MBA)

DIPLOMA/ CERTIFICATE PROGRAMMES THROUGH ODL MODE:-

1. Diploma/Certificate in Computer Application
2. Diploma in Food Quality Assurance
3. Certificate in Food Quality Assurance
4. Certificate in Video Film Production
5. Diploma in Solid and Hazardous Waste Management

1.7 DR. BHIM RAO AMBEDKAR LIBRARY

Faculty Members:

Dr. Vinod Kumar, University Librarian

Dr. Shyam Sundar Joshi, Deputy Librarian

Dr. Narender K. Chauhan, Deputy Librarian

Mr. Som Dutt, Assistant Librarian

The University Library came into existence in 1996 and is housed in a circular designed three-storey large building. It is named after the great Indian Jurist, Economist, Politician and Social Reformer Dr. Bhim Rao Ambedkar. The seating capacity of the University Library is 400 seats. The library runs in two shifts i.e., 9:00 A.M. to 5:00 P.M. and remains open on Saturdays and Sundays also. The timing of Night Reading Hall is 8:00 A.M. to 12:00 Midnight, however during examinations; it remains open ROUND THE CLOCK.

Realizing the crucial role of up-to-date information services for conducting high level R&D activities, the library since its inception has been in the continuous process of building and updating a standardized collection with latest publication. In these endeavors, by the end of June 2024, the Library has a collection of 131293 books and 6722 bound volumes of Journals. For getting the information about individual Library Account Status and availability of books is provided through Web-OPAC. The library has ordered 285 Printed Journals and subscribed 41 Magazines (National Level) and 20 Newspapers.

The library has always been forefront in the application of latest information and communication technology whenever available. To make it accomplish, the library in its e-repository has the access of about 7000+ e-journals and 5 Databases. The library has purchased/subscribed 282284 e-books from EBSCO (Academic E-Books Collection), JSTOR, Emerald, Institute of Physics, MIT Press and Wiley-IEEE Press and Cambridge University Press and McGraw Hill Express Library. Apart from this, the access of about 7 lakh e-books from World E-Book Library and South Asia Archive (SAA) has been provided through National Digital Library of India initiative. In addition, 18310 structured video Lectures of IITs through National Programme on Technology Enhanced Learning-NPTEL are also accessible over Campus Wide Network.

The library has one Research Database Lab for the Research Scholars and Faculty Members. This lab is equipped with state-of-the-art facilities. Moreover, the University has signed the MoU with INFLIBNET for Shodhganga Repository and so far, 696 theses have been uploaded. The library recorded 108359 visitors during the period July 2023 to June 2024. During this period, the total issue for home lending were 25992 books and total 119703 books were consulted by the members of the library.

Apart from the above, the library provides the facility to detect and check similarity in research work by using “Turnitin”- An Anti-Plagiarism Software. The library is a member of National Digital Library. Moreover, for accessing the resources of prominent Higher Education Institutions, we are the member of NDLI Club also.

1.8 OFFICE OF THE DEAN STUDENT'S WELFARE

The office of the Dean Students Welfare looks after Student's Welfare in numerous ways and also monitors various cultural activities. Some important facilities provided by this office are as follows: -

➤ **Earn While You Learn Scheme:**

The spirit of the scheme is based on the idea of enabling needy students to meet some educational expenses with dignity. This scheme provides support to needy students for departments/office related work for fixed hours in a week with remuneration of Rs.100/- per hour subject to maximum of Rs.2400/- per month. In this scheme **38** students were given a chance to avail this facility in the year 2023-24.

➤ **Financial Assistance to the Needy Students:**

The Dean Students Welfare office provides the financial assistance every year to the needy students of the various departments as per the criteria set by the university/office. In this scheme **37** students were provided financial assistance of Rs.3,10,000/- in the year 2023-24.

➤ **Funding of Educational & Industrial tours:**

The office of Dean Students Welfare bears 50% of expenditure incurred on Education & Industrial tours for regular students of the University. The University also provides to the students free of cost participation in various sports tournaments, Inter University Youth Festival and industrial visits, if they are part of course curriculum etc. The Bus services are also provided in the campus for commuting from the City Gate to TB-VII during morning and evening hours. The various Educational/Industrial/Cultural/Sports tours in (2023-24) were arranged for the students of different departments of the university.

➤ **Students Insurance Safety policy:**

The Regular students of the University Teaching Departments are insured for a sum of Rs.1,00,000/-. It also covers Medical Expenses under accidental cases upto Rs.25,000/-. During the year (2023-2024) total 7341 students were insured under "Students Insurance Safety Policy" with the Oriental Insurance Co. Ltd, Hisar.

➤ **Railway Concession Vouchers Facility:**

The Students from far off places are provided railway concession vouchers for visiting their homes during vacations and attending academic activities at far off places.

➤ **Financial help for various Functions:**

The office Dean Students Welfare extends financial help for organization of students functions/ seminars/ workshops by the various University Teaching Departments. Students Council Election of GJUS&T are also conducted by this office.

➤ **Cultural Activities:**

The office of Dean Students Welfare organizes various Cultural Activities under the overall supervision and guidance of Director Cultural Affairs throughout the year.

- ✓ Swagatam (Cultural Evening) for welcome of Freshers.
- ✓ Talent Search (Various competitive events are carried out to search talent among fresher students).
- ✓ Youth Festival (Zonal Level Youth Festival are organized by colleges and Inter Zonal Youth Festival is organized by the University).
- ✓ Participation in Inter University and National Level Youth Festival.
- ✓ Abhivyakhti (Cultural Evening for all students).

➤ **Cultural Achievements/Activities are as under:**

(Session 2023-24)

Date of event/competition	Name of the Event/competition	Awards
14-10-23 to 16-10-23	Zonal level Youth Festival	UTD (GJUS&T) won overall trophy in Zone A
29-10-23 to 30-10-23	Inter Zonal Youth Festival	UTD (GJUS&T) won runner's up trophy
09-02-24 to 13-02-24	37 th Inter University North-West Zone Youth Festival at MDU, Rohtak	GJUST got 5 PRIZES at West Zone Level 1 st Prize in Installation- 2 nd Prize in Group Song Western 4 th Prize in Folk Dance 4 th Prize in Collage Making 4 th Prize in Spot Photography
29-03-24 to 01-04-24	37 th Inter University National Youth Festival at PAU, Ludhiana	GJUST got 1 PRIZES at National Level 2 nd Prize in Group Song Western
29-02-24 to 01-03-24	Spandan- Inter University Cultural Fest at CUH, Mahendergarh	7 PRIZES at Inter University Level 1 st Prize in One Act play 1 st Prize in Skit 2 nd Prize in Elocution 2 nd Prize in Clay Modeling 3 rd Prize in Cartooning 3 rd Prize in Collage 3 rd Prize in Mime

Cultural achievements –

- University Teaching Department team participated in Zonal Youth Festival 2023 for Zone A and **won Overall Trophy.**
- University Teaching Department team participated in Inter Zonal Youth Festival 2023 and **won Runner up Trophy.**
- GJUST Team participated in 37th Inter University North-West Zone Youth Festival at MDU, Rohtak and **won 5 Prizes** in Group Song Western, Installation, Folk Dance, Collage Making and Spot Photography **at North West Zone Level.**
- GJUST Team participated in 37th Inter University National Youth Festival at PAU, Ludhiana and **won 2nd Prize in Group Song Western at National Level.**
- GJUST Team participated in Spandan- Inter University Cultural Fest at Central University, Mahendergarh and **won 7 prizes** in One Act play, Skit, Elocution, Clay Modeling, Cartooning, Collage and Mime.

1.9 PROCTOR OFFICE

1. University has constituted Anti Ragging Committee as directed in Raghvan Committee report which includes the representatives of Civil Administration (CTM & DIPRO), Police Administration (Deputy Superintendent of Police) and Senior correspondents of National News Papers and representatives of faculty members, representatives of parents of the students, representatives of students (fresher as well as seniors) and non-teaching staff.

2. The university has also constituted the following Anti Ragging Squads i.e. Squad-I, II & III for the Academic Year 2023-24 to check ragging activities, if any, in the University: -
3. Anti-Ragging Squad-I (for day scholars excepts hostels)

The Squad-I is to specially focus on the following locations/points in the University Campus and in case of any incident of ragging, the squad may immediately report to the Proctor for taking further necessary action. The squad is also requested to forward a weekly report in this regard to the Proctor Office:-

- a. University Library.
- b. Cafeteria.
- c. Shopping Complex
- d. Sports Complex
- e. Guru Jambheshwar Ji Maharaj's Bhavan
- f. City Gate
- g. Hydropony Garden (Near New Building of HSB)
- h. Fragrance Park

4. Anti-Ragging Squad-II (for Boys' Hostels)
5. Anti-Ragging Squad-III (for Working Women and Girls' Hostels)
6. The university has constituted anti ragging monitoring cells at departments' level consisting of three regular faculty members of respective department preferably one lady teacher, where available and two senior boys and girls students each.
7. The university has mentioned in its prospectus/website about **ZERO TOLERANCE TO RAGGING**. It has been mentioned in the prospectus that ragging in the educational institutions is banned and anyone indulging in ragging is liable to be punished appropriately, which may include suspension from the institution or classes for a limited period, expulsion from the institution and consequent debarring from admission to any other institution for a specific period or fine as per UGC guidelines upto Rs. 2.50 lacs. The punishment may also take the shape of (i) withholding scholarships or other benefits, (ii) debarring from representation in events, (iii) withholding results, (iv) suspension or expulsion from hostel or mess. If the individuals, committing or abetting ragging, are not/cannot be identified, collective punishment can be awarded to act as a deterrent.
8. At the time of admission students and their parents have to fill a form indicating that they have gone through the relevant instructions/ regulations against ragging as well as punishments that if the ward is found guilty he/she will be proceeded against. Besides this, online undertakings, Affidavits for Anti Ragging have also been got filled by the Departments.
9. Hoardings/ Banners indicating zero tolerance on ragging, Anti Eve-Teasing and punishments like suspension from attending classes & academic privileges, rustication/expulsion from the University and huge fine upto Rs. 2,50,000/ have already been displayed in each Teaching Departments, Hostels, Library, Cafeteria, Shopping Centre University Gates and other prominent places. Important telephone Nos. are also mentioned on the boards/hoardings for reporting, if any case of ragging occurs. The name of the members of the Department-wise Anti Ragging Committees have also been uploaded on the university website www.gjust.ac.in
10. To curb the menace of ragging, Chief Wardens (Boys & Girls) and Wardens of the concerned hostels visit the hostels regularly in the day time as well as in the odd hours at night.
11. Teachers/officers/officials are being deputed on the Proctorial duties from time to time, if necessary, to maintain the discipline and also to keep a constant vigilance on unsocial elements in the University Campus. This duty has been proving quite effective in ensuring the normalcy on the campus.
12. The Chairpersons of University Teaching Departments have constituted Department level three members Anti Eve-teasing committees in their respective Departments so that no eve-teasing incident occurs in the Departments.

13. All the departments have constituted and activated Department wise Students Counseling Cells in each Department comprising of the following members: -
 - a) One male teacher
 - b) One female teacher
 - c) One research scholar male
 - d) One research scholar female
 - e) One class representative of class concerned.
 - f) The Departments are also requested to keep proper records of the students counseled by the committee.
14. All the Chairpersons of University Teaching Departments, and Director HSB have been requested that Department wise Parents-teachers interaction be arranged once in every semester and for this purpose one teacher should be deputed as in-charge of the class who should be updated with the comprehensive progress status of every student.
15. Due care has been taken for the students belonging to Jammu & Kashmir, North-east and Foreign for the security and welfare of these students.
16. The University has constituted a standing committee namely 'Campus Security Surveillance Committee (CASSCO) consisting of some senior Faculty Members and Officers of the University for overseeing the day-to-day security threats especially relating to students' unrest, undesirable gathering, banning unsocial outsider-elements, conducting surprise checking of security arrangements of private agency etc. The said committee assembles on the spot within 2-5 minutes on any emergent call or campus-security-threat noticeable from time to time by the University Security Office especially by the Chief Security Officer.
17. At present One Chief Security Officer has deputed for Security controlling and supervision on university campus. As per Haryana Government rules Security personnel through 'HKRNL' have been deputed for the purpose of security in the University. One Security Officer, 143 Security man (Ex-servicemen), 21 Lady Security Guards, 04 Gunman, 07 Male & 01 female Supervisors, is deputed for University Security. A number of security check posts have been installed on various places in the University Campus.
18. Besides above, more than 100 CCTV cameras have been installed at various places in the University campus. Regular monitoring is being ensured through a Surveillance Room installed in Security Office.
19. Gate Nos. 1 and 2 of the University Campus have been closed temporarily. Only Gate No. 3 i.e. City Gate has been kept opened. The Security Guards deputed at the Gate are directed not to allow anyone enter in the University Campus without proper Identity. Besides this, all the teachers, non-teaching staff, students and research scholars are directed to put-on their Identity Cards issued by their concerned Departments/ Branches, while coming to University. All vehicles allowed to be parked inside the University have been issued security passes being used by the University employees and students.
20. A new Gate pass/stickers for the current academic session have been issued to all the Research Scholars and students for pasting them on their vehicles. However, employees are also instructed to get the new stickers issued from the Security Office for pasting them on their vehicles, if the colour of the stickers is faded.
21. A Police Post in the Shopping Complex of the University has been established to keep a close watch on anti-social elements in the Campus. Visitors including the students are being asked to park their vehicles near Gate No. 3 (City Gate)
22. There are two Ambulance to meet any emergency needs of students and out of which one Ambulance is kept standing in Girls Hostels Complex during night. Chief Warden (Girls) and all the three Co-Ordinators, Girls' Hostels control the movement of the ambulance.
23. A new gate for Girls Hostels Complex towards Teaching Blocks has been constructed so that the girl students may reach their concerned departments without any disturbance/difficulty. However, the old Gate of the complex has also been retained as an alternate facility.
24. The University has started a Photocopies Shop and other shops inside the Girl Hostels Complex to facilitate the girl students.
25. Internet Cyber Café has been started for girls inside the Girls Hostel Complex.

26. Height of the boundary wall adjacent to the New Sabji Mandi has been increased by the Marketing Board, Hisar. Besides this, the Construction Branch of the University is also getting the boundary wall repaired from time to time.
27. Suggestion boxes have been kept on various places in the University Campus so that the students and employees can give their suggestions, if any, for betterment of the University. University website is also open for the students and staff.
28. The Vice-Chancellor has constituted a "Security Monitoring Committee" as per Chapter 11 Clause 11.03 (26) of University Security Policy for resolving the security related issues on the Campus. The committee shall meet at least once in two months for proper security co-ordination/system.
29. University Bus and four e-rickshaws are running within the University Campus from Gate No. 3 (City Gate) to Teaching Block-VII/Hostels during morning and evening hours to facilitate the students especially girl students.
30. The Chief Warden has passed the orders that no hostler is allowed to bring his motor vehicle (i.e. cars, motor bikes, scooter etc.) in the Boys' Hostels premises. This clause has also been included in the hostel prospectus and hostel rules.
31. The University has appointed regular wardens in the Girls' Hostels.
32. All-important telephone numbers have been displayed at each girls hostel, so that in case of any incident, the girl students may contact immediately to all concerned.
33. In order to keep a pro-active system of collective responsibility to resolve the general pending problems (like security, disciplines, hostels, examinations, classes, library, infrastructure facilities, etc.) of the university students that are not resolved in routine by Chairpersons/ Deans/ Branch Officers and need special attention in the given circumstances so that the students unrest on the campus may be provided and cordial academic environment may be created that would be helpful for quality education and research in this 'Grade-A+' University, the following **Standing Committee** for "**University Students**" Grievances and Redresses Mechanism" has been constituted by the Vice-Chancellor:-
 - a) Dean Academic Affairs Convener
 - b) Proctor Member
 - c) Dean Students Welfare Member
 - d) Chief Warden Member
 - e) Dean of Colleges Member
 - f) Controller of Examinations Member
 - g) Chairperson, Women Cell Member
 - h) Superintending Engineer Member
 - i) Chief Security Officer Member
 - j) Secretary to Vice-Chancellor Member-Secretary
 - k) Ten Students' Representatives (05 from Boys and 05 from Girls to be nominated by the Proctor in consultation with the Dean Students Welfare and Chief-Warden in the beginning of academic Session ensuring the fair representation of Day scholars and Hostellers). The above Standing Committee may meet at least once in a month and may take up the general grievances or pending problems of students, if any, for considering and recommending their amicable redresses or solutions to the competent authority.
34. For dealing with day-to-day disciplinary matters concerning students, the following Committee on students Discipline & welfare (**Proctorial Board**) has been constituted by the Vice-Chancellor: -
 - a) Proctor (Convener)
 - b) Chief Warden
 - c) Dean Students' Welfare.
 - d) Two teachers of University (including one lady teacher) to be nominated by the Vice-Chancellor.

1.10 PUBLIC RELATIONS OFFICE

Public Relations Office covered all functions and activities of the University for Wide Publicity in print and electronic media. News about University are being sent in the leading newspapers like The Times of India, Hindustan Times, The Indian Express, The Tribune, Dainik Tribune, Dainik Jagran, Dainik Bhaskar, Hari Bhoomi, Punjab Kesari, Amar Ujala, Dainik Savera Times, Ajit Samachar, Nabh Chhor, Pathak Paksh, City Pulse, etc. The news of the University are also sent to many e-papers and digital media and electronic media. All types of advertisements like tender notice, recruitment notice and admission notice, etc. are also sent by this office. This office always remains in touch with media persons and facilitates them. This office also completes the assignments of cultural and other activities as and when given by the higher authorities.

1.11 UNIVERSITY HEALTH CENTRE

About Health Centre:-

- ❖ UHC is a primary health center established in 1997 for the medical needs of students, staff and their family members.
- ❖ It is spacious enough to accommodate four doctor's cabins for OPD, one Dental clinic, one observation room with three beds facility, minor O.T, one dispensing room, one laboratory and one medicine store.
- ❖ It is well equipped with equipments like ECG machine, nebulizer, autoclave, foetal monitor, autoanalyser, hematology analyser, Oxygen concentrator etc.
- ❖ Dental clinic is very well equipped with modern equipments like RVG, Apex locator, scaler etc.
- ❖ Homeopathic services are also available.

Health Centre Staff:-

- Staff of Health Centre includes one Senior Medical Officer, four Medical Officers, one Dental Surgeon, one Chief Pharmacist, four Nurses, three Pharmacists, one Homeopathic doctor, one ECG Technician, three Lab. Technicians, two Lab Attendants, one Dental Assistant and one Lady Attendant.

Various facilities provided at health Centre are :-

- Medical aid for all the common ailments with routine blood, urine and stool tests. Patients requiring day care are managed here only.
- Health Centre provides medical care during the cultural and sports events at the event site.
- Health Centre runs Medical Reimbursement Cell which deals with medical reimbursement cases as per Haryana re-imbusement policy.
- Health Centre fully participates in Children vaccination programs along with the Civil hospital staff. It has also been part of national pulse polio campaign from time to time.
- Health camps and talks are also conducted by Health Centre on regular basis.
- Health Centre remains open continuously from 7:30 am to 8.00 pm. After 8.00 pm two ambulances parked in girls and boys hostel to take the patients to the approved hospitals for management.
- Health Centre is a day care Centre. For indoor services all the hospitals on Govt. panel are on University panel (<http://haryanahealth.nic.in/Empanelment.html>) for reimbursement purposes.

1.12 UNIVERSITY STATISTICAL CELL

Nodal Officer: Sh. Mukesh Kumar

Sr. No.	Department/Office	F. No.	Subject/Topic
1.	University Grants Commission, New Delhi	69	Strict Observation of reservation policy of the University during the year 2022-23. <ul style="list-style-type: none"> • Percentage of reservation in Teaching and Non-Teaching as well as Admissions • Details of Teaching Staff • Details of Non-Teaching Staff • Category-wise position of vacant post Teaching & Non-teaching Staff • Students Admission • Number of Students Residing in Hostels
2.	District Statistical Officer, Hisar	73	Publication of Statistical Book for the year 2022-23. <ul style="list-style-type: none"> • Number of Students Strength • Details of Teaching Staff • Salary & Funds of Teaching & Non-Teaching Staff
3.	District Statistical Officer, Hisar	74	Publication of Statistical Book for the year 2023-24. <ul style="list-style-type: none"> • Number of Students Strength • Details of Teaching Staff • Salary & Funds of Teaching & Non-Teaching Staff
4.	Education India, Ministry of India	75	Placement & Foreign Student data 2018-19, 2019-20 & 2020-21. <ul style="list-style-type: none"> • Visited Companies • Total students passed examination • Total students placed • Average & Maximum Salary
5.	University Grants Commission, New Delhi	76	Finalization of UGC Annual Report 2022-23. <ul style="list-style-type: none"> • Student intake • Category wise position of student admitted
6.	Haryana State Higher Education Council, Panchkula	78	Academic Data Collection <ul style="list-style-type: none"> • Category wise student details as on 30.11.2023
7.	Director Technical Education Haryana, Panchkula	79	University Computer Labs <ul style="list-style-type: none"> • Availability of number of computer labs with computers
8.	Director General Higher Education Haryana, Panchkula	81	University Data for All India Survey of Higher Education for the year 2022-23 as on 31st December, 2022. <ul style="list-style-type: none"> • University basic information • Details of institutions attached with the University • Details of faculty/department wise courses offered by

			the University • Staff information teaching & non-teaching staff • Number of students enrolled in the University • Foreign Students • Examination Results • Financial information • Infrastructural data • Scholarships, loans & accreditation • Uploading of DCF-I
9.	Time Table (Computer Lab)		• Maintain session wise time table for computer practical classes of all departments.

1.13 ALUMNI RELATIONS

The objectives of the department are :

- Establish a link with the GJUS&T alumni and enrol them as members of Guru Jambheshwar University of Science and Technology Alumni Association (GJUSTAA)
- Provide an interactive platform to students and alumni by organizing alumni meet.
- Establish liaison between University Alumni Association and other similar association in the country and abroad.
- Undertake activities that help the current students in grooming for and availing better placement opportunities.
- Raise various endowment funds ,and award stipends out of it to the deserving students on need-cum-merit basis;
- Seek donations from alumni and potential donors for promoting various righteous activities of the Association.
- Suggest ways and means for the participation of the alumni in the working of the University.
- Honour distinguished alumni who have brought national/global acclaim in their respective domains;

The affairs of the Association of the University are looked after by the department of Alumni Relations headed by its Dean who is appointed by the Executive Council of the University on the recommendation of the Vice-Chancellor. The Executive Council (ad-hoc) of the Association consists of the following:

Hon'ble Vice-Chancellor & President of GJUST Alumni Association has been pleased to constitute the Executive Council of the GJUSTAA, for the smooth functioning of Department of Alumni Relations, is as under:

1. Dr. A.S. Chawla, IPS (Vice-President)
2. Dr. Rakesh Gollen, Boston (Vice-President)
3. Dr. Vijender Pal Saini (Joint Secretary- cum-Treasurer)
4. EC members:
 - i. Dr. Naresh Kumar, QIAGEN India Pvt. Ltd. – New Delhi-India
 - ii. Dr. Jagvir Singh- Founder CEO , SWIFT INNOVATION Inc. Canada.
 - iii. Dr. S.D. Attri, Commission for air Quality Management in NCR and Adjoining Areas •
Ministry of EF&CC, New Delhi.
 - iv. Mr. Aditya Ranoliya, CEO, Ad Make, Goregaon, Film City, Mumbai.
 - v. Mr. Anand Gupta, M. D. Gupta Oxygen, Pvt. Ltd. 152, Sector 27-28, Hisar.
 - vi. Dr. Deepak Bansal, General Manager, JBM Auto Ltd., Gurgaon, Haryana.
 - vii. Sonal Dahiya, Senior Special Correspondent, ITU Network, India News. Media House, 275-276, Capt. Gaur Marg, Sri Niwasपुरी, N. Delhi Mob. 8930029801

Members nominated by the Vice-Chancellor

- i. Prof. Sandeep Rana, TA(HRM), GJUS&T, Hisar
- ii. Prof. Sunita, HSB, GJUS&T, Hisar
- iii. Prof. Anil Bhankar, Chairperson Deptt. of Bio-Nano Tech GJUS&T, Hisar.
- iv. Prof. Rakesh Kumar Behmani, Deptt. of App. Psychology, GJUS&T, Hisar.
- v. Dr. Vizender Sihag, DDE, GJUS&T, Hisar
- vi. Mr. Vimal Jha.

Honorary Members

- (i) Shri Suresh Papneja, Head of BSS - Catalog and Order Management Ericsson India Global Services Pvt. Ltd, AQUAMARINE Bldg, Bagmane World Technology SEZ, Mahadevapura, K R Puram Hobli, Bangalore, Karnataka - 560048, India
Mobile +91 97414 77233
- (ii) Shri Amit Dhariwal, Assistant Audit Officer O/o Principal Accountant General (Audit), Haryana, Chandigarh, Sector-33B. Department- Comptroller & Auditor General Of India (CAG), Supreme Audit Institute Of India (SAII). Mobile no. 8708586675, 9813860323
- (iii) Shri Gourav Rathi, Senior Lead Engineer- Qualcomm, Noida, Mob. -9671724009

The membership of the Association is open to all its Diploma/Degree holders (except debarred convicted in criminal cases), members of the teaching faculty of the University and its affiliated colleges, and graduate of other University, India and Foreign, on whom membership is conferred by the EC of the association. The membership can be obtained by uploading membership fees and other information on the Alumni portal linked to the University website. The members of the association have increased to 685.

To achieve the objectives of Department of Alumni Relations, the following were undertaken:

1. *DAR has organized a **Felicitation function** on “16th January 2024-The National StartUp Day”, to felicitate those **Alumni who are running StartUps**. DAR invited names of Alumni from all the UTDs and a committee constituted by Hon’ble Vice-Chancellor has recommended 62 Alumni for the Felicitation & Award. *Alumni/Alumnae have been honoured by a Citation Letter and Memento of StarAlumni GJUST.**
2. *DAR has supported 03 (Three) deserving students on need-cum-merit basis with financial assistance as Tuition Fee of their semester fee.*
3. The department launched membership drive by sending e-mails, mobile alert and running message through University website, whosoever could be contacted electronically via digital record available in the university.
4. The registered alumni are being issued Privilege Card which can be used by them for availing certain specified University facilities.
5. It is planned to arrange Invited Lectures for students of various Departments during the coming year.

1.15 SC/ST CELL

There is an SC/ST Cell has been set up in the University to ensure proper implementation of various schemes of the UGC/ AICTE, the Government of India and the State Govt.concerning scholarships, stipends etc. for welfare of the students. The guidelines, for various types of scholarship/ stipends are revised from time to time by the Central and State Government & University website are notified to all departments which are got displayed on the Notice Boards of the concerned departments. These are got incorporated in the University Prospectus/ HBI also on website for its wide publicity amongst the students of reserved categories. This Cell ensures that these guidelines are strictly adhered to.

1.16 NETWORKING CELL

University Networking Cell has been set up to cater the IT needs, computing requirements and to look after the Campus Wide activities. All the Teaching Departments, Hostels, Administrative Block and Residential Area have been connected with a combination of wired and wireless network. At present, the campus has been provided connectivity through 3500 nodes and 300 Wi-Fi Access Points (Approx.) The internet connectivity has been provided through 1 Gbps NKN link free of cost to Faculty, Staff and Students of the University. A redundant link of 1 Gbps has also been setup to provide 24x7 internet facilities to the University. The network security has been provided through high secured hardware UTM. This cell ensures that proper network security rules are adhered to. 104 cameras have been installed with centralized monitoring system for security purpose. During Calendar year 2023-24 (01-07-2023 to 30-06-2024), this office has undertaken following projects:

Sr. No.	Name of the Project	Scope	Status
1.	CCTV Surveillance	CCTV Installation at Vice-chancellor office, AMC of Centralized CCTV Surveillance System	Completed
2.	Network Up-gradation	AMC of Network Upgradation Phase-II	Completed
3.	Network Connectivity	Wi-Fi Connectivity in Boys Hostel-4, Girls Hostel-4, Working Women Hostel and Teaching Block-6	Completed

1.17 Centre for Industry-Institute Partnership (CIIP)

1. The University had submitted a Detailed-Proposal to Haryana State Higher Education Council, Panchkula vide letter no. CIIP/23/870-871 dated 21.12.2023 regarding follow up action on Leveraging Universities "Expertise to Offer Consultancy & Survey Services" to the State Government Departments.
2. Data Collection Sheet had submitted to Haryana State Higher Education Council, Panchkula on 18.09.2024 regarding Leveraging Universities "Expertise to Offer Consultancy & Survey Services".
3. The consultancy rules for academic and technical staff of university were duly approved by Vice-Chancellor under his special power under Section 11(5) on the recommendation of the "University Consultancy Policy Committee".
4. One Consultancy Project received from Rajeev Gandhi Thermal Power Plant, Khedar, Hisar.

1.18 PANDIT DEENDAYAL UPADHYAYA COMPUTER & INFORMATICS CENTRE

The summary of activities is as follows –

- ✓ **Configuration of software developed for admission in UG/PG/Ph.D. programme of UTD and B.Ed./P.G. Programme of Affiliated Colleges for CDLU Sirsa under MoU for session 2023-24**
 - Application form as per prospectus guidelines with integration of PPP ID has been maintained.
 - Maintenance of portal provided to administrator for course add/remove/edit department, programme, department-programme mapping, opening and closing date of application form and admission fees, manage categories, fees, change course, admission fees, alter merit list, consolidated report of application and admission fees etc.
 - Independent panel for UTDs & Affiliated colleges to verify the documents and details filled in Online Application form and raise discrepancies, if any.
 - Independent panel for accounts, registration branch for fees and registration management has been maintained and provided.

- Independent department/college wise panel for preparation of merit list, online admission of students and admission fee payment and automatic generation of provisional admission letter.
 - Independent panel for affiliated college of CDLU Sirsa for registration of their students and submit registration return (RR) in University.
- ✓ **Enhancement and Maintenance of software regarding Online submission of application form for admission in UG / PG / PG(GATB) / Ph.D. (Summer and Winter Term) programmes of UTD of GJUST**
- Online application form for admission in UG/PG Programme with integration of PPP ID has been enhanced.
 - Independent panel maintained and provided to departments to verify the details filled and documents uploaded in Online Application form.
 - Attendance Chart for the entrance examination has been prepared and provided on Department dashboard.
 - Admit card for entrance test as per schedule and venue provided by concerned branch.
 - Online preparation of merit list, online admission of students and admission fee payment and automatic generation of provisional admission letter after fee payment.
 - HELPDESK software panel run by helpdesk staff to reply applicants' queries telephonically as well as through e-mails.
 - SMS and Mail service to notify students on various steps of admission process.
- ✓ **Enhancement and Maintenance of online reporting and admission fee payment software for admissions in B.Tech./ B.Tech (LEET)/ B.Pharma/ B.Pharma (LEET) admitted through HSTES online counselings.**
- ✓ **Enhancement and Maintenance of software regarding online submission of Application form for admissions in B.Tech./ B.Tech (LEET)/ B.Pharma/ B.Pharma (LEET) through physical counseling, preparation of Merit List, online admission, admission fee payment and generation of provisional admission letter.**
- ✓ **Enhancement and Maintenance of software regarding Online submission of Application form with integration of PPP ID for admissions in B.Ed. programme in affiliated colleges of University.**
- Automatic generation of the merit list as per data provided in online application form.
 - Automatic seat allotment to candidates in different colleges in order of their preference and merit.
 - Reporting panel has been provided to affiliated colleges to update the status of seat allotted candidates (admitted/rejected/not reported etc.).
 - Physical counseling merit list preparation, online admission of students and generation of provisional admission letter after fee updation on college portal was provided.
 - Independent SMS and Mail service to help applicants to know their Used Id and password.
 - Independent HELPDESK software panel run by helpdesk staff to reply applicants' queries telephonically and through e-mails.
- ✓ **Enhancement and Maintenance of software for Hostel Management.**
- Registration of newly admitted students on hostel portal by logging in without University Registration details.
 - Registration of already admitted students on hostel portal by logging in with University Registration details.
 - Print full-fledged Application of all details based on admission application form to be attested by concerned department.
 - Hostel portal for managing master data, to approve student for online fee payment, room allotment etc.
 - Online hostel fee payment facility provided to students. Independent fee payment gateway has been integrated for all nine hostels.
 - Various reports have been provided on hostel dashboard, students and managed by admin portal.

- ✓ **Enhancement and Maintenance of software for registration of B.Tech./ B.Tech.(LEET)/ B.Pharma/ B.Pharma(LEET) 1st year students.**
- ✓ **Enhancement and maintenance of online portal for registration return of affiliated colleges**
 - Registration of newly admitted students admitted in affiliated colleges with all details.
 - Facility to upload mass students' details of the newly admitted students through excel format.
 - Promotion of already admitted students to next year.
 - Online receipt of Registration/Continuation fee/Tournament fee.
 - Provided dashboard to Accounts branch for verification of fee.
 - Reporting panel to print of RR/CR return, DCR and other reports.
 - Provided dashboard to colleges for student related activities.
- ✓ **Enhancement and maintenance of Registration Portal for UTD and all affiliated colleges**
 - Online portal has been prepared for registration branch to manage registration process of students of University Teaching Departments as well as all affiliated colleges i.e. Degree, B.Ed., Law and Engg. Mgt. colleges.
 - Registration Branch has been provided dashboard to exercise various tasks related to registration process of branch as well as accessing student and RR data.
 - Provided online dashboard to UTD/colleges to access student and RR data as well as downloading various reports.
 - Provided online dashboard to SC/ST Cell for scholarship related tasks.
 - Provided online dashboard to IT Cell for examination form related tasks.
- ✓ **Enhancement and Maintenance of software for submission of Online Examination Form**
 - Online main examination form for UTD and affiliated Engg. & Mgt. college students.
 - Online reappear, special chance as well as mercy chance examination form for UTD and affiliated Engg. & Mgt. College students. Added new feature to auto populate the examination type and examination fees based on the Performa provided by examination branch.
 - Independent panel provided to EDP cell to verify and lock the paper scheme uploaded for various courses.
 - Online generation of cut-list for examination Centre superintendent.
 - Online generation of attendance chart for examination Centre superintendent.
 - Online fee verification panel of all type of examination form for Accounts Branch.
- ✓ **Enhancement and Maintenance of software for submission of Online Practical (External) Marks**
 - Online submission of practical marks for all University Teaching Departments and affiliated Engg. & Mgt. colleges.
 - Provided online panel to Conduct Branch to open portal to submit practical marks on same date.
 - Independent panel provided to EDP cell for downloading of awards for preparation of results.
- ✓ **Enhancement and Maintenance of software for submission of Online Sessional (Internal) Marks**
 - Online submission of sessional marks for all University Teaching Departments and affiliated Engg. & Mgt. colleges.
 - UTD & affiliated Engg. & Mgt. colleges has been provided panel to set the examiner details for filling of sessional awards.
- ✓ **Maintenance of Online Application form for appointment of Assistant Professor/ Associate Professor/ Professor on regular basis**
 - Independent admin panel developed and provided to Faculty branch to download application form.

- Admit card for written test exam as per schedule and venue provided by concerned branch.
- Attendance Chart for the written test exam has been prepared and provided on Department dashboard.
- SMS and email to the candidates as and when required.
- ✓ **Enhancement and Maintenance of software for Online application form for various Non-Teaching posts**
 - Online application form developed for the recruitment of various non-teaching posts.
 - Independent panel provided to Establishment Branch for receiving and online diary of hard copy of online-submitted application form along with applicants list (synopsis), form fee received etc.
- ✓ **Enhancement and Maintenance of feedback forms for University staff, students and various stakeholders**
 - Independent admin panel provided to IQAC to generate reports of various feedback forms as per their requirements.
 - Independent admin panel provided to UTD/HSB to generate reports of various feedback forms as per their requirements.
- ✓ **Enhancement and Maintenance of software for grievance redressal of University employee and students**
 - Independent users are generated for every department/branch to redress the grievance submitted on the portal.
 - Option to forward the grievance is also provided to every branch/office if necessary comments are required from any sister branch/office.
- ✓ **Enhancement and Maintenance of software for online registration of Alumni.**
 - A complete independent portal developed and designed for Guru Jambheshwar University of Science & Technology Alumni Association (GJUSTAA)
 - Complete process of alumni registration is online through this portal with cashless payment.
- ✓ **Maintenance of software for online admission through Directorate of Distance Education.**
 - All activities are online i.e. Registration and submission of Application Form, Uploading of all types documents, Registration and Admission, Eligibility Checking, Generate all students' PDF file alongwith attached documents, ID Card, Fee Collection, Confidential List, Examination Cut-List alongwith allotment of Examination Centres, etc.
 - Independent Admin panel for Director, Distance Education.
 - Independent User based panel for each Dealing Hand of Distance Education.
 - Independent User based panel for Study Centers of Distance Education.
 - Direct student can also apply independently with aforesaid facilities.
 - Category change portal for SC scholarship students.
 - Implementation of HDFC bank gateway for admission portal and course fees submission for students.
 - Cart delete portal for study center.
- ✓ **Generation of Day Book and Demand & Collection Register (DCR) of fee collection for DDE students for reconciliation by Account Branch. All types of fees are collected online through bank payment gateway in the mode of NetBanking/Credit Card/Debit Card or through e-Challan.**
- ✓ **Maintenance of software of Online Submission of Sessional Marks through Study Centers of Distance Education and independent portal for teachers for Direct Students and provided an online link to Examination Branch to download the uploaded marks for result preparation.**
 - Complete independent portal for admission of new students from Registration to Roll No. generation.

- Portal for change of study Centre for direct enrolled students as well as students of study Centre.
- Portal for re-admission of students of already enrolled students.
- ✓ Maintenance of complete portal of **new Study Centre** and as per guidelines of **Directorate of Distance Education**.
- ✓ Maintenance of **Category change portal** on study Centre panel and dealing hand panel for **DDE**.
- ✓ Maintenance of **gap-year portal** for dealing hand result branch and student portal for **DDE**.
- ✓ Maintenance of **balance fee collection portal** for dealing hand, Study Centre and student portal for **DDE**.
- ✓ Uploading of **DMCs** of all regular students on the University Main Website **www.gjust.ac.in** and distance mode students on the Distance Education website **www.ddegjust.ac.in**.
- ✓ Online **month-wise submission of attendance of University GATE & GPAT students** for their scholarship on the web-portal of AICTE.
- ✓ Maintenance of University Main website **https://www.gjust.ac.in** as well as Distance Education website **https://www.ddegjust.ac.in** on the basis of information received from the University Teaching Departments/Administrative Branches. The archive link of information is also started from year 2014.
- ✓ Independent Internet lab facility was provided to teachers, research scholars and students through **100 Mbps Leased Line** of BSNL.
- ✓ PDUCIC hardware cell provides **maintenance / repair facility** to the other departments/branches of the University on their request.
- ✓ Maintenance of **Digital Moving Message Board** on the University Main City Gate.
- ✓ Propagating messages among students and staff on need basis through **SMS gateway**.
- ✓ Maintenance of Budget Software: Addition of new budget and numbering, naming of existing budget according to session year. Doing changes in software according to need or requested by budget branch
 - Plan
 - Self
 - Distance
 - Hostel
 - UGC Project
- ✓ Maintenance of Payroll Software:
 - Uploading loan, Electricity etc. files
 - Tax slabs
 - Tax Form 16
 - Generating every month salary (Under All Budget Heads of Plan, self and Distance)
 - Changes requested by the payroll seat assistant.
- ✓ Maintenance of PF Software:
 - Changing in PF Software interest calculation formula depending on interest rate
 - Change in Report formats
 - Other frequent queries raised by the employs
- ✓ Solving Day to Day Employees Queries and helping regarding online accounting system.

Various duties performed by PDUCIC Staff

- The Director, PDUCIC had attended one day Training-cum-Workshop of AISHE-Web-Portal at P.W.D Guest House, Sector-1, Panchkula on 15 September, 2023.
- The Director, PDUCIC coordinates three days “Computer Skill Awareness Training Programme” of University Administrative Staff conducted by MMTC (Malaviya Mission Teacher Training Centre) at PDUCIC and training given by Darpan Saluja, Kuldeep Kundu,

Ramkala Punia, Naveen Sangwan, Bharat Bhushan & Vinay Asija. From 01.02.2024 to 03.02.2024.

- The Director, PDUCIC coordinates three days “Computer Skill Awareness Training Programme” of University Administrative Staff conducted by MMTTC (Malaviya Mission Teacher Training Centre) at PDUCIC and training given by Darpan Saluja, Kuldeep Kundu, Ramkala Punia, Naveen Sangwan, Bharat Bhushan & Vinay Asija. From 21.03.2024 to 22.03.2024.
- Computer typing tests for Clerk recruitment conducted at PDUCIC by Establishment Branch from 03.05.2024 to 18.05.2024.
- PDUCIC provides technical specifications and tentative rates for the purchase of new Computers/ Laptops/Printers and allied items in the various departments of University.
- E-Waste Committee visited various Departments/Branches of the University for old/obsoleted Computer/IT and allied items.
- PDUCIC developed Auto Appeal System (AAS) for Saral Portal, Haryana
- PDUCIC Staff performed duties in Lok Sabha & Vidhan Sabha Election-2024.
- PDUCIC Staff performed duties in The Flood, Drought and common Control Room setup at District headquarter in Flood Relief Branch, Control Room, Mini Secretariat, Hisar.

SERVICES & INFRASTRUCTURE FACILITIES PROVIDED

Sr. No.	Description	Date & Duration	Conducted by
1	Provided technical assistance for interview of Faculty Staff	13-07-2023	VC Office & Faculty Branch.
2.	Provided technical assistance for interview of Faculty Staff	12-08-2023	VC Office & Faculty Branch.
3.	Provided technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting for the 96 th meeting of the Executive Council in the Vice Chancellor Committee Room	17.08.2023 at 12:00 Noon	Academic Branch & PDUCIC
4.	Provided service and infrastructure facility to conduct Computer typing Test of HKRNL Clerks	07-09-2023 at 9:30 AM	Establishment Branch & PDUCIC
5.	Provided technical assistance for interview of Faculty Staff	29-09-2023	VC Office & Faculty Branch.
6.	Provided service and infrastructure facility to conduct Computer typing Test of HKRNL Clerks.	06-10-2023 at 9:30 AM	Establishment Branch & PDUCIC
7.	Live Webcast on GJUST official YouTube Channel title नवरात्रों के शुभ आगमन पर हवन, गुरु जम्भेश्वर वज्ञान एवं प्रौद्योगिकी विश्व विद्यालय, हिसार,	15.10.2023	GJMIRS

8.	Live Webcast on GJUST official YouTube Channel title गुरु जम्भेश्वर जी की शिक्षाओं और प्रवचनों पर आधारित रात्रि जागरण, गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान गुरु जम्भेश्वर वज्ञान एवं प्रौद्योगिकी विश्व विद्यालय, हिसार	15.10.2023	GJMIRS
9.	Provided services and Infrastructure facility to Placement drive of Unthinkable Solutions (Daffodil)	17-10-2023 9:00 AM to 1:00 PM	Training & Placement Cell
10.	Live Webcast on GJUST official YouTube Channel title 29th Foundation Day Celebration, Guru Jambheshwar University of Science & Technology, Hisar	20.10.2023	
11.	Provided technical assistance for interview of Faculty Staff	20-10-2023	VC Office & Faculty Branch.
12.	Provided technical assistance for interview of Faculty Staff	16-11-2023	VC Office & Faculty Branch.
13.	Provided technical assistance the EWS AP interview	17-11-2023	VC Office & Faculty Branch.
14.	Provided technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting for 61th meeting of the Academic Council in the Committee Room	20.11.2023 At 11:00 AM	Academic Branch & PDUIC
15.	Provided technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting for the 61 th meeting of the Academic Council in the Vice Chancellor Committee Room	20.11.2023 At 11:00 AM	Academic Branch & PDUIC
16.	Provided technical assistance for interview of Faculty Staff	21-11-2023	VC Office & Faculty Branch.
17.	Provided technical assistance for the EWS AP interview	27-03-2024	VC Office & Faculty Branch.
18.	Live Webcast on GJUST official YouTube Channel title 11th Inter Zonal Youth Festival-2023	28-11-2023 and 29-11-2023	
19.	Provided technical assistance for the EWS AP interview	29-11-2023	VC Office & Faculty Branch.
20.	Provided technical assistance for the EWS AP interview	02-12-2023	VC Office & Faculty Branch.
21.	Live Webcast on GJUST official YouTube Channel title A One Day Workshop on Implementation of National Education Policy-2020	08.01.2024	
22.	Provided technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting for 97 th meeting of the Executive Council in the Committee Room	08-12-2023 at 12:00 Noon	Academic Branch & PDUIC

23.	Provided technical assistance and arrangement for power presentation by the keynote Speaker(s) in the Seminar Hall-1 of the Ch. Ranbir Singh Auditorium for one day workshop for the implementation of NEP-2020 in affiliated colleges may be organized in the month of December, 2023 and workshop(s) on implementation of NEP-2020.	08-01-2024	Academic Branch & PDUCIC
24.	Live Webcast on GJUST official YouTube Channel title Felicitation Ceremony of ALUMNI STARTUP STARS, DEPARTMENT OF ALUMNI RELATIONS, GJU S&T, HISAR	16.01.2024	Dean Alumni Relations
25.	Live Webcast on GJUST official YouTube Channel title दीनबंधु सर छोटू राम जयन्ती एवं बसन्त पंचमी समारोह, गु.ज. व. प्रौ. व., हिसार	16.02.2024	
26.	Provided technical assistance and technical arrangement for the International Conference in online mode conducted by HSB	28.02.2024 to 01.03.2024	Haryana School of Business
27.	Live Webcast on GJUST official YouTube Channel title VALEDICTORY FUNCTION, STEM-2024, INTERNATIONAL CONFERENCE, HSB, GJU S&T, HISAR	01.03.2024	
28.	Provided technical assistance for interview of Faculty Staff	13-03-2024	VC Office & Faculty Branch.
	Provided technical assistance for interview of Faculty Staff	14-03-2024	VC Office & Faculty Branch.
29.	Provided technical assistance and arrangement for Live Hosting of the Workshop on Advanced Analytical Techniques 2024 on YouTube from (Three Days) in Dr. APJ Abdul Kalam Central Instrumentation Laboratory	13-03.2024 to 15.03.2024	Dr. APJ Abdul Kalam Central Instrumentation Laboratory
30.	Live Webcast on GJUST official YouTube Channel title अ भव्यक्ति, छात्र कल्याण वभाग, गुरु जम्भेश्वर वज्ञान एवं प्रौद्यो गकी वश्व वद्यालय, हिसार	15.03.2024	
31.	Provided service and infrastructure facility to conduct Computer typing Test of HKRNL Clerks.	18-03-2024 At 10:30	Establishment Branch & PDUCIC
32.	Provided 20 Desktop Computer for the Lok Sabha Election-2024	19-03-2024	District Election Officer cum Deputy Commissioner, Hisar
33.	Provided Technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting for the online mode international conference ICPTA-2024 in Seminar Hall-2, CRS Auditorium, GJUST	20-03-2024 & 21-03-2024	Department of Pharmaceutical Science
	Provided technical assistance for interview of Faculty Staff	28-03-2024	VC Office & Faculty Branch.

34.	Provided technical assistance and infrastructure facility to conduct Computer typing Test of HKRNL Clerks.	02-04-2024 at 9:30 AM	Establishment Branch & PDUCIC
35.	Provided Technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting for the 35 th meeting of the University Court in the Vice Chancellor Committee Room	05-04-2024 at 3:00 PM	Academic Branch & PDUCIC
36.	Live Webcast on GJUST official YouTube Channel title राष्ट्र निर्माण में उच्च शिक्षण संस्थानों की भूमिका वषय पर आयोजित एक दिवसीय कार्यशाला, गुज व, हिसार	12.04.2024	
37.	Provided technical assistance and infrastructure facility to conduct Computer typing Test of HKRNL Clerks	30-05-2024	Establishment Branch & PDUCIC
38.	Provided technical assistance for PFMS training (Online mode) for university officers/officials.	02.01.2024 and 08.01.2024 at 10:30 AM	Establishment Branch & PDUCIC
39.	Provided technical assistance for PFMS training (Online mode) for university officers/officials.	17.01.2024 and 31.01.2024 at 10:30 AM	Establishment Branch & PDUCIC
40.	Provided technical assistance for PFMS training (Online mode) for university officers/officials.	23.01.2024 At 10:30 AM	Establishment Branch & PDUCIC
41.	Provided technical assistance for TEE Examination for Program-Login Credentials for Accessing the Examination Portal.		SED IGNOU
42.	Provided technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting of the 98 th meeting of the Executive Council in the Vice Chancellor Committee Room	05-04-2024 at 12:00 Noon	Academic Branch & PDUCIC
43.	Provided technical assistance and arrangement of laptop and other communicating devices for power point presentation & online meeting of the 35 th meeting of the University Court in the Vice Chancellor Committee Room	05-04-2024 at 3:00 PM	Academic Branch & PDUCIC
44.	Provided technical assistance and Infrastructure facility for the Monthly Coding Test of T&P Cell	09-04-2024 1:00 PM to 4:00 PM	Training & Placement Cell
45.	Provided technical assistance for interview of Faculty Staff	28-05-2024	VC Office & Faculty Branch.
46.	Provided technical assistance for the one-day Workshop of Malaviya Mission Teacher Training in the Auditorium	29.05.2024	Malaviya Mission Teacher Training Centre

47.	Provided Technical assistance and arrangement of laptop and other communicating devices for power point presentation to conduct interview for the post of Assistant Professor in Pharmaceutical Science in online mode in Vice Chancellor office.	06.06.2024 AT 9:00 AM	Faculty Branch & PDUCIC
48.	Provided technical assistance for interview of Faculty Staff	07-06-2024	VC Office & Faculty Branch.
49.	Provided technical assistance for interview of Faculty Staff	14-06-2024	VC Office & Faculty Branch.

PURCHASE OF NEW ITEMS

Hardware	Qty.
UPS Batteries 12 Volt/150 AH for Inverter	03
NVME SSD 1TB x 2, NVMR SSD 512 x 6, DDR RAM 8 GB x 10.	18
Wired Keyboard & Mouse	50
NVME SSD 512GB x 12, SATA SSD 512GB x 11, RAM 8 GB DDR4 x 10, RAM 4 GB DDR x 20	53
UPS Batteries 12V/100 Ah Exide SMF with 2 With batteries stand	32
Server Antivirus Software	03
CCTV Camera Dome 2 Mega Pixel	02
UPS Batteries 12V/26 AH	15
Wired Keyboard & Mouse	40

UNIVERSITY WEBSITE

The website of the University is being maintained by the PDUCIC. The website is continuously updated to cover all day-to-day activities. The URL (address) of the University website is <https://www.gjust.ac.in>. There is a separate website of Directorate of Distance education <https://www.ddegjust.ac.in>. It is also maintained by the PDUCIC.

WORKING HOURS OF PDUCIC and INTERNET Labs

- ✓ The timings of PDUCIC are **9:00 am to 7:00 pm except for vacation** period. During Vacations, PDUCIC follows the timings 9:00 am to 5:00 pm.
- ✓ Existing staff is engaged in software development and maintenance, servers maintenance, hardware maintenance, computer training of university staff and office day to day activities.

CHAPTER-02

AUTHORITIES OF THE UNIVERSITY

UPDATED LIST OF MEMBERS OF THE COURT OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR ACCORDING TO STATUTE-6 OF THE UNIVERSITY ACT, 1995

STATUTE-6

(a) Ex-officio members:

- (i) Shri Bandaru Dattatraya,
Hon'ble Governor-Chancellor, Haryana Chairman
 - (ii) Prof. Narsi Ram Bishnoi
Vice-Chancellor
 - (iii) Special Secretary to Govt. Haryana,
Finance Department
Haryana Civil Secretariat, Chandigarh
(Nominee Financial Commissioner & Principal Secretary to Government, Haryana,
Finance Department);
 - (iv) The Financial Commissioner & Principal Secretary to Government, Haryana,
Education Department or a nominee not below the rank of Director/ Joint Secretary;
 - (v) The Financial Commissioner & Principal Secretary to Government, Haryana,
Technical Education Department or a nominee not below the rank of Director/ Joint Secretary
 - (vi) The Deans of Faculties:
 1. Prof. Karam Pal Narwal, Dean, Faculty/School of Haryana School of Business
 2. Prof. Manoj Dayal, Dean, Faculty of Humanities and Social Sciences
 3. Prof. N. K. Bishnoi, Dean, Faculty of Religious Studies
 4. Prof. Sandeep Kumar Arya, Dean, Faculty of Engg. & Technology
 5. Prof. Sujata Sanghi, Dean, Faculty of Physical Sciences & Technology
 6. Prof. Asha Gupta, Dean, Faculty of Environmental and Bio Sciences & Technology
 7. Prof. Sumitra Singh, Dean, Faculty of Medical Sciences
 8. Prof. Vandana Punia, Dean, Faculty of Education
 9. Prof. Rajiv Kumar, Dean, Faculty of Law
 - (vii) The Registrar Member-Secretary
 - (vii- a) Dean Academic Affairs
b) Dean of Colleges
 - (viii) Controller of Examinations
Prof. Yash Paul Singla
- (b)(i) Professors of the University, not exceeding five, on the basis of seniority by rotation;**
1. Prof. Sunita Rani, Department of Mathematics
 2. Prof. Pardeep Gupta, Haryana School of Business
 3. Prof. Asha Gupta, Department of Environmental Science & Engineering
 4. Prof. Sujata Sanghi, Department of Physics
 5. Prof. Alka Sharma, Department of Food Technology

(ii) Four Teachers to be nominated from amongst the Associate Professors and Assistant Professor of the University of whom at least two shall be Associate Professors on the basis of seniority by rotation:

1. Mrs. Suman Dahiya, Associate Professor, Department of Electrical & Electronics Engg.
2. Dr. (Mrs.) Sangeeta, Assistant Professor, Haryana School of Business
3. Dr. Vijender Pal Saini, Assistant Professor, Haryana School of Business

(iii) Four Principals/ Directors of Colleges

- (i) Dr. Vikramjit Singh, Principal
Dayanand College, Hisar
- (ii) Dr. Pavitar Mohan, Principal
Govt. College, Hansi
- (iii) Dr. Kamlesh Duhan
Principal, Govt. College, Nalwa (Hisar)
- (iv) Dr. Vikvek Kumar Saini
Principal, Guru Gorakhnath Ji Govtl College
Hisar

(iv) Five eminent academicians and representatives from industry, commerce, engineering etc. to be nominated by the Chancellor on the recommendation of the Vice-Chancellor:

1. Prof. J.P. Yadav
Vice-Chancellor
Indira Gandhi University
Meerpur Rewari
2. Prof. S.K. Tomar
Vice-Chancellor
J.C. Bose University of Science & Technology, YMCA
Faridabad (Haryana)-121006
3. Prof. Kamal Dutt Sharma
Dean Post Graduate Studies
Chaudhary Charan Singh Haryana Agricultural University
Hisar-125004
4. Prof. Narender Sheoran
Chairperson, Department of Botany
Kurukshetra University
Kurukshetra-136119
5. Prof. S.C. Jain
Retired Professor, Panjab University, Chandigarh
Residential Address: # 1607, Sector 44-B
Chandigarh

**UPDATED LIST OF MEMBERS OF THE EXECUTIVE COUNCIL OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR
ACCORDING TO STATUTE-08 OF THE UNIVERSITY ACT, 1995**

STATUTE-8

I. Ex-officio members-

- (i) Prof. Narsi Ram Bishnoi, Vice-Chancellor
- (ii) Special Secretary to Govt. Haryana,
Finance Department, Haryana Civil Secretariat, Chandigarh
- (iii) Financial Commissioner & Principal Secretary to Govt. Haryana,
Higher Education Department, Haryana Mini Secretariat, Sector-17, Chandigarh
- (iv) Financial Commissioner & Principal Secretary to Govt. Haryana,
Technical Education Department, Mini Secretariat, Sector-17, Chandigarh

II. Other members-

(a) Three Deans of Faculties to be nominated by the Vice Chancellor by rotation

- 1. Prof. Asha Gupta, Dean, Faculty of Environmental and Bio Sciences & Technology
- 2. Prof. Sandeep Kumar Arya, Dean, Faculty Engineering & Technology
- 3. Prof. Sumitra Singh, Dean, Faculty of Medical Sciences

(b) Two Principals of colleges/institutions

- 1. Dr. Kamlesh Duhan, Principal, Govt. College, Nalwa
- 2. Dr. Pavitar Mohan Sharma, Principal, Govt. College, Hansi

(c) Two professors (other than Deans of the Faculties) by rotation on the basis of seniority

- 1. Prof. D.C. Bhatt, Deptt. of Pharmaceutical Sciences, GJUST, Hisar.
- 2. Prof. Yogesh Chaba, Deptt. of Computer Sciences & Engg., GJUST, Hisar

(d) “Two teachers of the University Teaching Departments (other than Professors) may be elected from amongst themselves out of whom one shall be an Associate Professor” as member of the Executive Council.

- 1. Dr. Mani Shreshthra, Associate Professor, Haryana School of Business, GJUST, Hisar.
- 2. Sh.Som Dutt, Assistant Librarian, Dr. Bhim Rao Ambedkar University Library, GJUST, Hisar.

(e) Six persons to be nominated by the Chancellor on recommendation of the Vice-Chancellor

- 1. Prof. B. B. Goel, Public Administration (Retd.), Punjab University, Chandigarh, # 337, Sector-16, Panchkula
- 2. Prof. J.P. Yadav, Vice-Chancellor, Indira Gandhi University, Meerpur, Rewari
- 3. Prof. Som Nath, Vice-Chancellor, Kurukshetra University, Kurukshetra
- 4. Prof. Sandeep Singh, Department of Applied Psychology, GJUST, Hisar
- 5. Prof. Sunita Mehla, Professor & Former Head, Department of Business Management, CCS, HAU, Hisar
- 6. Prof. Vikas Verma, Department of Chemistry
H.No. D-25, Old Residential Campus, GJUST, Hisar

III. Ex-officio Secretary

Dr. Vijay Kumar
Registrar

Secretary

**UPDATED LIST OF MEMBERS OF THE ACADEMIC COUNCIL OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR
ACCORDING TO STATUTE-10 OF THE UNIVERSITY ACT, 1995**

STATUTE-10

I. Ex-officio Members:

- (i) **Prof. Narsi Ram Bishnoi, Vice-Chancellor**
- (ii) **The Higher Education Commissioner, Haryana**
Plot No.1-8, 1-9, Shiksha Sadan, Block-C, Sector-5, Panchkula.
- (iii) **The Director General, Technical Education, Haryana**
Bays No.7-12, Sector-4, Panchkula
- (iv) **The Registrar**
- (v) **The Deans of faculties**
 - 1. Prof. Karam Pal Narwal, Dean, Faculty/School of Haryana School of Business
 - 2. Prof. Manoj Dayal, Dean, Faculty of Humanities and Social Sciences
 - 3. Prof. N. K. Bishnoi, Dean, Faculty of Religious Studies
 - 4. Prof. Sandeep Kumar Arya, Dean, Faculty of Engg. & Technology
 - 5. Prof. Sujata Sanghi, Dean, Faculty of Physical Sciences & Technology
 - 6. Prof. Asha Gupta, Dean, Faculty of Environmental and Bio Sciences & Technology
 - 7. Prof. Sumitra Singh, Dean, Faculty of Medical Sciences
 - 8. Prof. Vandana Punia, Dean, Faculty of Education
 - 9. Prof. Rajiv Kumar, Dean, Faculty of Law

Ex-Officio Members

- (v- a) Dean Academic Affairs, GJUST, Hisar
- b) Dean of Colleges, GJUST, Hisar
- (vi) **Three Principals by rotation on the basis of their seniority**
 - (i) Dr. Pavitar Mohan Sharma, Principal, Govt. College, Hansi (Hisar)
 - (ii) Dr. Kamlesh Duhan, Principal, Govt. Collge, Nalwa (Hisar)
 - (iii) Dr. Anil Kumar, Principal, Govt. College, Kheri Chopta
- (vii) **The Controller of Examinations**
- (viii) **The Librarian of the University Library**

II. Other members: -

- (i) **One professor from each faculty by rotation on the basis of seniority**
 - 1. Prof. Vinod Kumar, Haryana School of Business
 - 2. Prof. (Mrs). Sujata Sanghi, Faculty of Physical Sciences & Technology
 - 3. Prof. Aradhita Burmanray, Faculty of Environmental and Bio Sciences & Technology
 - 4. Prof. Anjan Baral, Faculty of Engg. & Technology
 - 5. Prof. Sunil Sharma, Faculty of Medical Sciences
 - 6. Prof. Sandeep Singh, Faculty of Humanities and Social Sciences

(ii) One Associate Professor from each faculty by rotation on the basis of seniority

1. Dr. Mani Shreshtha, Associate Professor, Haryana School of Business
2. Dr. Sanjay Kumar, Associate Professor, Faculty of Humanities and Social Sciences
3. Dr. (Mrs.) Vandana, Associate Professor, Faculty of Engg. & Technology
4. Dr. Ramesh Kumar, Associate Professor, Faculty of Physical Sciences & Technology

(iii) One Assistant Professor from each faculty by rotation on the basis of seniority

1. Dr. Sanjeev Kumar, Assistant Professor, Faculty of Engg. & Technology
2. Dr. Santosh Bhukal, Assistant Professor, Faculty of Environmental and Bio Sciences & Technology
3. Mrs. Anju Gupta, Assistant Professor, Faculty of Medical Sciences
4. Dr. (Mrs.) Renu, Assistant Professor, Faculty of Physical Sciences & Tech.
5. Dr. (Mrs.) Sangeeta, Assistant Professor, Faculty/School of Haryana School of Business
6. Dr. Manoj Kumar, Assistant Professor, Faculty of Humanities and Social Sciences

(iv) Four Eminent Educationists nominated by the Vice-Chancellor from outside the University; Provided that not more than one of them shall be from the same field.

1. Prof. Jitender Sharma, Dean of Life Sciences, Kurukshetra University, Kurukshetra
2. Prof. Kamal Dutt, Dean, Post Graduate Studies, CCS, HAU, Hisar
3. Prof. Vivek Kumar, Head, Centre for Rural Development & Technology, Indian Institute of Technology (IIT), Hauz Khas, New Delhi
4. Prof. Saleem Siddiqui, Department of Agricultural Sciences, Sharda University, Plot No.32-34, Knowledge Park-III, Greater Noida-(U.P.)

(v) Four persons from public sector industries of the Centre and State Governments, in the State having proficiency in matters relating to industry and research, to be nominated by the Chancellor on the recommendation of the Vice-Chancellor :

1. Prof. Pawan Kumar, Department of Chemistry, Central University of Haryana, Mahendergarh-123031
2. Prof. J.P. Yadav, Vice-Chancellor, Indira Gandhi University, Meerpur, Rewari-1220\502
3. Prof. Jagdish Kumar, Department of Electrical Engineering, Panjab Engineering College, Sector-12, Chandigarh-160012
4. Prof. Manjeet Bansal, Maharaja Ranjit Singh Panjab Technical University, Dabwali Road, Lal Singh Nagar, Bhatinda-151001

Registrar shall be the Member Secretary of the Academic Council.

UPDATED LIST OF MEMBERS OF THE FINANCE COMMITTEE OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR ACCORDING TO STATUTE-12 OF THE UNIVERSITY ACT, 1995

STATUTE-12

1 (I) Ex-officio Members

- (a) Prof. Narsi Ram Bishnoi (Chairperson);
Vice-Chancellor
- (b) Special Secretary to Govt. Haryana,
Finance Department, Haryana Civil Secretariat, Chandigarh
(Nominee Financial Commissioner & Principal Secretary to Government, Haryana,
Finance Department);
- (c) The Financial Commissioner & Principal Secretary to Government, Haryana,
Education Department or a nominee not below the rank of Director/ Joint Secretary
Higher Education;
- (d) The Financial Commissioner & Principal Secretary to Government, Haryana,
Technical Education Department or a nominee not below the rank of Director/
Joint Secretary of Technical Education, Haryana

(II) Other members

- (a) Two outside members having expertise in finance to be nominated by the
Chancellor on the recommendation of the Vice-Chancellor:
 - 1. Sh. O.P.Gupta,
Chartered Accountant
SCF-130, Green Square Market, Hisar –125001.
(Mobile No.9812267555, email ID: opghsr@rediffmail.com)
 - 2. Sh. Rakesh Aggarwal,
Chartered Accountant
Hotel Mid Town Grand
O.P. Jindal Marg, Hisar
- (b) Two Deans of Faculties to be nominated by the Vice-Chancellor for a term of
two years;
 - 1. Prof. N.K. Bishnoi, Dean
Faculty of Humanities & Social Sciences
 - 2. Prof. Asha Gupta, Dean,
Faculty of Environmental and Bio Sciences & Technology

(2) Ex-officio

Dr. Vijay Kumar, Registrar
Member-Secretary

CHAPTER-3

FACULTIES, DEPARTMENTS AND COURSES OF STUDIES FOR THE SESSION 2024-25

1. FACULTY OF ENGINEERING & TECHNOLOGY

Departments		PG/UG Programmes	
A.	Printing Technology	i)	M.Tech.(Printing Technology)
		ii)	B.Tech. (Printing Technology)
		iii)	B.Tech. (Packaging Technology)
B.	Computer Science & Engineering	i)	M.Tech. (Computer Science & Engineering)
		ii)	Master of Computer Applications (MCA)
		iii)	Integrated BCA-MCA [Master of Computer Application (Integrated)]
		iv)	B.Tech. (Computer Science & Engineering)
		v)	B.Tech. (Information Technology)
		vi)	B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)
		vii)	B.Tech. (Computer Science & Engineering) Hindi Medium
		viii)	B.Tech. (Information Technology) Hindi Medium
C.	Electrical & Electronics Engineering	i)	M.Tech. (Electronics and Communication Engineering)
		ii)	B.Tech. (Electrical Engineering)
		iii)	B.Tech. (Electronics and Communication Engineering)
		iv)	B .Tech. (Electronics and Computer Engineering)
		v)	B.Tech. (Electronics & Communication Engineering) Hindi Medium
D.	Civil Engineering	i)	B.Tech. (Civil Engineering)
E.	Mechanical Engineering	i)	M.Tech. (Mechanical Engineering)
		ii)	B.Tech. (Mechanical Engineering) for Working professionals
		iii)	B.Tech. (Mechanical Engineering)
		iv)	B.Tech. (Mechanical Engineering) Hindi Medium
		v)	B.Sc. (Aviation)
G.	Artificial Intelligence and Data Science	i)	M.Sc. Computer Science (Artificial Intelligence and Data Science)
		ii)	B.Tech. (Artificial Intelligence and Data Science)
		iii)	Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Computer Science (Artificial Intelligence and Data Science)

2. FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments			
A.	Environmental Science & Engineering	i)	M.Tech. (Environmental Science & Engg.)
		ii)	M.Tech. (Geo-informatics)
		iii)	M.Sc. (Environmental Sciences)
B.	Biotechnology	i)	M.Sc. (Biotechnology)
		ii)	M.Sc. (Microbiology)
		iii)	Integrated B.Sc. (Life Science)-M.Sc. Biotechnology / Microbiology/ Botany/ Zoology/ Chemistry

C.	Botany	i)	M.Sc. (Botany)
D.	Food Technology	i)	M.Tech. (Food Technology)
		ii)	M.Sc. (Food Technology)
		iii)	B.Tech. (Food Technology)
		iv)	Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Food Technology
		iv)	B.Voc. (Food Processing & Engineering)
D.	Zoology	i)	M.Sc. (Zoology)

3. FACULTY OF PHYSICAL SCIENCES & TECHNOLOGY

Departments

A.	Chemistry	i)	M.Sc. (Chemistry)
		ii)	Integrated B.Sc. (Physical Science)-M.Sc. Chemistry
B.	Mathematics	i)	M.Sc. (Mathematics)
		ii)	Integrated B.Sc. (Physical Science)-M.Sc. Mathematics
C.	Physics	i)	M.Sc. (Physics)
		ii)	Integrated B.Sc. (Physical Science)-M.Sc. Physics

4. HARYANA SCHOOL OF BUSINESS

A.	Haryana School of Business	i)	Master of Business Administration (MBA)
		ii)	MBA (Finance)
		iii)	MBA (Marketing)
		iv)	MBA (International Business)
		v)	MBA (Business Analytics)
		vi)	MBA (Health Care)
		vii)	Integrated BBA-MB A
B.	Commerce	i)	M.Com.
		ii)	Integrated B.Com.-M.Com. Programme

5. FACULTY OF MEDICAL SCIENCES

Departments

A.	Physiotherapy	i)	Master of Physiotherapy (Orthopaedics)
		ii)	Master of Physiotherapy (Sports)
		iii)	Master of Physiotherapy (Neurology)
		iv)	Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)
		v)	Bachelor of Physiotherapy
B.	Yoga Sciences	i)	M.Sc. (Yoga Science & Therapy)
		ii)	Post Graduate Diploma in Yoga Science & Therapy (PGDYST) (Zero session)
		iii)	Integrated B.Sc./B.Sc. (Hons./Hons. with research)-M.Sc. Yoga Science and Therapy
C.	Pharmaceutical Sciences	i)	M.Pharm. (Pharmaceutical Chemistry)
		ii)	M.Pharm. (Pharmaceutics)
		iii)	M.Pharm. (Pharmacology)
		iv)	M.Pharm. (Pharmacognosy)
		v)	Bachelor of Pharmacy
D.	Allied Health Sciences	i)	B.Tech. (Electronics and Biomedical Engineering)

6. FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Departments

A.	Economics	i)	M.Sc. (Economics)
		ii)	Integrated B.Sc./B.Sc. (Hons./Hons. with research)-M.Sc. Economics
B.	Applied Psychology	i)	M.Sc. (Psychology)
		ii)	Integrated B.Sc./B.Sc. (Hons./Hons. with Research)-M.Sc. Psychology
		iii)	P.G. Diploma in Guidance & Counseling
C.	English and Foreign Languages		M.A. (English)
D.	Mass Communication	i)	M.A. (Mass Communication)
		ii)	Integrated B.A. (Hons./Hons. with Research)-M.A. (Mass Communication)
E.	Hindi	i)	M.A. (Hindi)
F.	Library and Information Science	i)	Master of Library and Information Science
G.	Geography	i)	M.Sc. (Geography)
		ii)	Integrated B.Sc./B.Sc. (Hons./Hons. with Research)-M.Sc. Geography

7. FACULTY OF EDUCATION

Departments

A.	Education	i)	M.A. (Education)
		ii)	B.Sc. B.Ed. (Integrated Teachers Education Programme)
		iii)	B.A. B.Ed. (Integrated Teachers Education Programme)

8. FACULTY OF LAW

Departments

A.	Law	i)	B.A. LL.B. (Hons.) 5years
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9. FACULTY OF RELIGIOUS STUDIES

Guru Jambheshwar Ji Maharaj Institute of Religious Studies conducts research and comparative study of various religions with special reference to teachings of Guru Jambheshwar Ji Maharaj. The institute has also introduced programme of Doctor of Philosophy.

CHAPTER-4

PROGRAMME-WISE NUMBER OF SEATS FOR THE ACADEMIC SESSION 2023-24

LIST OF REGULAR POSTGRADUATE PROGRAMMES

M.Tech. PROGRAMME(S)

Sr. No.	Name of Programme	No. of seats
1	M.Tech. (Computer Science & Engg.)	30
2	M.Tech. (Environmental Sc. & Engg.)	20
3	M.Tech. (Electronics & Communication Engineering)	20
4	M.Tech. (Food Technology)	20
5	M.Tech. (Geo-Informatics)	20
6	M.Tech. (Mechanical Engineering)	20
7	M.Tech. (Nano Science & Technology)	Zero Session
8	M.Tech. (Printing Technology)	20

M.PHARM., M.P.T., MCA, M.Sc., Master of Library and Information Science and M.A. PROGRAMME(S) OF UNIVERSITY TEACHING DEPARTMENTS

Sr. No.	Name of the Programme	No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana +(ii) One supernumerary seat for north-eastern candidate/ward of deceased due to COVID-19 of Haryana + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar and (iv) One supernumerary seat for Kashmiri Migrants
9	M.Pharm. (Pharmaceutical Chemistry)	15
10	M.Pharm. (Pharmaceutics)	15
11	M.Pharm. (Pharmacology)	10
12	M.Pharm. (Pharmacognosy)	05
13	Master of Physiotherapy (Orthopaedics)	10
14	Master of Physiotherapy (Neurological)	10
15	Master of Physiotherapy (Cardiothoracic & Pulmonary Disorder)	10
16	Master of Physiotherapy (Sports)	10
17	Master of Computer Applications	60
18	M.Sc. (Psychology)	50+2+1+1+1+1 (Defense Person in Service)
19 (i)	M.Sc. (Biotechnology) DBT, GOI sponsored	30*
(ii)	M.Sc. (Biotechnology)	14+2+1+1+1
20	M.Sc. (Microbiology)	30+2+1+1+1
21	M.Sc. (Chemistry)	50+2+1+1+1
22	M.Sc. (Environmental Sciences)	50+2+1+1+1
23	M.Sc. (Food Technology)	35+2+1+1+1
24	M.Sc. (Mathematics)	50+2+1+1+1

25	M.Sc. (Physics)	50+2+1+1+1
26	M.Sc. (Economics)	40+2+1+1+1+1 (Defense Person in Service)
27	M.Sc. (Yoga Science and Therapy)	40+2+1+1+1
28	M.Sc. Botany	30+2+1+1+1
29	M.Sc. Zoology	30+2+1+1+1
30	M.Sc. Computer Science (Artificial Intelligence and Data Science)	30+2+1+1+1
31.	M.A. (Mass Communication)	50+2+1+1+1+1 (Defense Person in Service)
32.	M.A. in English	40+2+1+1+1
33	M.A. in Hindi	40+2+1+1+1
34	M.A. Education	30+2+1+1+1
35	Master of Library and Information Science	30+2+1+1+1

* 30 seats in M.Sc. (Biotechnology) are DBT Supported and will be filled through Graduate Aptitude Test-Biotechnology (GAT-B) 2023.

Note

- Two seats in each UGC Programme (except for Master of Physiotherapy) have been created as Supernumerary seats for Single Girl Child of Haryana.
- One seat in each UGC Programme (except for Master of Physiotherapy) has been created as Supernumerary seat for north- eastern candidate /ward of deceased due to COVID-19 of Haryana.
- One seat in each UGC Programme (except for Master of Physiotherapy) has been created as Supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar.
- One seat has been created as Supernumerary seat for Kashmiri Migrants (except for Master of Physiotherapy).
- 15% seats in each Programme have been created as Supernumerary seat(s) for Foreign Nationals.
- Scholarship will be awarded to those students of M.Tech. / M.Pharm., who have valid GATE/ GPAT examination at the time of admission subject to receipt of the same from AICTE. The non- GATE/GPAT student, if any, admitted to M.Tech./M.Pharm. Programmes on the basis of merit of entrance test/ academic merit of qualifying examination, will not be eligible for scholarship.

M.B.A., M.Com. PROGRAMMES

Sr. No.	Name of Programme	No. of seats
Master of Business Administration (MBA) 200		
36	MBA	60
37	MBA-Finance	30
38	MBA-Marketing	30
39	MBA-International Business	30
40	MBA Business Analytics	30
41	MBA Healthcare	20
42	M.Com.	80+(2+1+1+1)*

- *(i) Two supernumerary seats for Single Girl Child of Haryana + (ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19 + (iii) One

supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar and (iv) one supernumerary seat for Kashmiri Migrants

P.G. Diploma Programmes

Sr. No.	Name of Programme	No. of seats +
43	PG Diploma in Guidance & Counseling	15+2+1+1+1
44	PG Diploma in Yoga Science & Therapy	30+2+1+1+1

- +(i) Two supernumerary seats for Single Girl Child of Haryana + (ii) One supernumerary seat for north-eastern candidate/ward of deceased due to COVID-19 of Haryana (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar and (iv) One supernumerary seat for Kashmiri Migrants

Certificate/ Diploma Courses

The following Certificate/ Diploma Course(s) will be started from the current academic sessions by the concerned University Teaching Department(s): -

Certificate Course in Financial Mathematics Certificate Course in Business Data Analysis Certificate Course in Business Skills Certificate Course in Taxation & Tax Planning Certificate Course in French Language Certificate Course in German Language Certificate Course in Mandarin Language Certificate Course in Spanish Language Diploma Course of Translation from English to Hindi and Hindi to English	Certificate in Waste Management and Sanitation & Hygiene Diploma in Waste Management and Sanitation & Hygiene Diploma in Environmental Law Diploma in Industrial Safety Management Diploma in Road Construction Technology and Management
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The detailed information about Certificate/Diploma Course(s) i.e. eligibility, intake, duration, fee structure, scheme & syllabi, mode of instructions, concerned department name etc. will be uploaded on the university website separately.

Admission to B.Tech. and B.Tech. (LEET) 2nd year Programmes will be made through Online Counseling to be conducted by Haryana State Technical Education Society (HSTES), Panchkula.

Sr. No.	Name of Programme	No. of seats
45	B.Tech. (Computer Science & Engineering)	120
46	B.Tech. (Information Technology)	60
47	B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)	60
48	B.Tech. (Electronics & Communication Engineering)	60
49	B.Tech. (Mechanical Engineering)	60
50	B.Tech. (Printing Technology)	60
51	B.Tech. (Packaging Technology)	30
52	B.Tech. (Food Technology)	30
53	B.Tech. (Civil Engineering)	60
54	B.Tech. (Electrical Engineering)	60
55	B.Tech. (Electronics and Biomedical Engineering)	30
Undergraduate B.Tech. regular Programmes in Hindi Medium		

56	B.Tech. (Electronics & Communication Engineering)	30
57	B.Tech. (Mechanical Engineering)	30
58	B.Tech. (Computer Science & Engineering)	30
59	B.Tech. (Information Technology)	30

Admission to B.Pharm. and B.Pharm. (LEET) 2nd year Programmes will be made by Haryana State Technical Education Society (HSTES), Panchkula.

60	B.Pharm. 1st year B.Pharm. 2nd year (LEET)	60 06+ (Vacant/ left over seats of last year)
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LIST OF UNDERGRADUATE AND INTEGRATED DEGREE PROGRAMMES

Sr. No.	Name of the Programme	Duration	No. of seats +
1.	Integrated B.Sc. (Hons/Hons with Research) - M.Sc. Physics	4+1=5 years	50+2+1+1+1
2.	Integrated B.Sc. (Hons/Hons with Research) - M.Sc. Chemistry	4+1=5 years	50+2+1+1+1
3.	Integrated B.Sc. (Hons/Hons with Research) - M.Sc. Mathematics	4+1=5 years	50+2+1+1+1
4.	Integrated B.Sc. (Life Science) - M.Sc. Biotechnology/Microbiology/Botany/Zoology	3+2=5 years	60+2+1+1+1
5.	Integrated B.Sc. (Hons/Hons with Research)- M.Sc. Economics	4+1=5 years	50+2+1+1+1
6.	Integrated B.Sc. (Hons/Hons with Research)- M.Sc. Psychology	4+1=5 years	50+2+1+1+1
7.	Integrated B.Sc. (Hons/Hons with Research)- M.Sc. Geography	4+1=5 years	50+2+1+1+1
8.	Integrated B.Sc. (Hons/Hons with Research)- M.Sc. Medical Imaging Technology	4+1=5 years	30+2+1+1+1
9.	B.Sc. (Hons/Hons with Research) Computer Science (Artificial Intelligence and Data Science)	4 years	50+2+1+1+1
10.	B.A. (Hons/Hons with Research) Mass Communication	4 years	50+2+1+1+1
11.	Bachelor of Physiotherapy	4 years+ 6 months compulsory internship	50
12.	B.Voc. (Food Processing and Engineering)	3 years	40+2+1+1+1

- + (i) Two supernumerary seats for Single Girl Child of Haryana
- + (ii) One supernumerary seat for north-eastern candidate/ward of deceased of COVID-19
- + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar and
- + (iv) One supernumerary seat for Kashmiri Migrants

CHAPTER-5
Examination Results of UTD students
Annual Report for the year 2023-2024 (May-2024)

Level	Programme	Broad Discipline Group Name	Discipline/ Subject	Total Number of students Appeared	Total Number of students passed	Pass %
PGD&C	PG Diploma G&C	UTD	PG Diploma G&C	26	25	96%
Post Graduate	MCA (2 Years)	UTD	Computer Application	54	40	74%
Post Graduate	M. Sc. (EVS.)	UTD	Envr. Sc. Engg.	47	35	74%
Post Graduate	M. Tech. (EVS)	UTD	Envr. Sc. Engg.	5	Result Not Declared Yet	
Post Graduate	M. Sc. (Chemistry)	UTD	Chemistry	46	37	80%
Post Graduate	M. Sc. (Chem Dual)	UTD	Chemistry	23	18	78%
Post Graduate	B.Sc. Chem Dual	UTD	Chemistry	47	35	74%
Post Graduate	M. Sc. (Math)	UTD	Mathematics	47	20	43%
Post Graduate	M. Sc. (Math) Dual	UTD	Mathematics	18	7	39%
Post Graduate	B.Sc. Chem Dual Math	UTD	Mathematics	47	21	45%
Post Graduate	M. Sc. (Physics)	UTD	Physics	42	28	67%
Post Graduate	M. Sc. Physics Dual	UTD	Physics	22	17	77%
Post Graduate	B. Sc. Physics Dual	UTD	Physics	47	27	57%
Post Graduate	M. Sc Biotech.	UTD	Bio Tech.	30	25	83%
Post Graduate	M. Sc. Bio Tech. Dual	UTD	Bio Tech.	31	30	97%
Post Graduate	B. Sc. Bio Tech. Dual	UTD	Bio Tech.	35	16	46%
Post Graduate	M. Sc. Food Tech.	UTD	Food	35	Result Not Declared Yet	
Post Graduate	M. Sc. Micro	UTD	Microbiology	28	23	82%
Post Graduate	M. Sc. Economics	UTD	Economics	50	28	56%
Graduate	B. Sc. Economics Hons	UTD	Economics	42	29	69%
Post Graduate	M. Sc. Psychology	UTD	Psychology	48	42	88%
Post Graduate	MBA General	UTD	General	39	27	69%
Post Graduate	MBA Finance	UTD	Finance	21	17	81%
Post Graduate	MBA Mkt.	UTD	Marketing	26	21	81%
Post Graduate	MBA IB	UTD	International Business	26	22	85
Post Graduate	MBA BA	UTD	Business Analytics	16	13	81%
Post Graduate	M.A. (MC)	UTD	Mass Comm.	31	26	84%
Post Graduate	M.T. Nano Sc. Tech.	UTD	Nano Sc. & Tech.	1	Result Not Declared Yet	
Post Graduate	M. T. Geo Info.	UTD	Nano Sc. & Tech.	3	2	67%
Graduate	B. Tech	UTD	Information Technology	76	59	78%

Graduate	B. Tech	UTD	Civil Engg.	76	39	51%
Post Graduate	M. Tech.	UTD	Printing Technology	5	2	40%
Graduate	BSC.-HONS	UTD	Psychology	45	41	91%
Post Graduate	M.Sc.	UTD	Yoga Science & Therapy	38	17	45%
Graduate	B. Tech	UTD	Electronics & Communication Engg.	68	56	82%
Graduate	B. Tech	UTD	Mechanical Engg.	61	35	57%
Graduate	B. Tech	UTD	Agriculture Engg.	2	0	0%
Graduate	B. Tech	UTD	Aeronautical Engg.	1	1	100%
Graduate	BSC.-HONS	UTD	Computer Data Science	40	23	57.5%
Post Graduate	M. Tech.	UTD	Electronics & Communication Engg.	5	1	20%
Post Graduate	M. Tech.	UTD	Computer Science Engg.	10	0	0%
Post Graduate	M. Tech.	UTD	Mechanical Engg.	8	1	12.5 %
Graduate	B. Tech.	UTD	Printing Tech.	66	53	80.30%
Graduate	B. Tech.	UTD	Packaging Tech.	31	26	83.87%
Graduate	B. Tech.	UTD	Food Tech.	21	10	47.61%
Graduate	B. VOC (FP&E)	UTD	B. Voc.	17	4	26.66%
Graduate	B. Pharmacy	UTD	Pharmacy	61	56	91.80%
Graduate	B. Physiotherapy	UTD	Physiotherapy	50	42	84%
Post Graduate	M. Tech.	UTD	Food Tech.	Result Not Declared Yet		
Post Graduate	M. Pharmacy	UTD	Pharmacy	40	39	97.50%
Post Graduate	M. Physiotherapy	UTD	Physiotherapy	24	21	87.50%
Graduate	B. Tech.	UTD	Computer Science & Engineering	142	120	84.45%
Graduate	B. Tech.	UTD	Electrical Engineering	70	40	57.14%
Post Graduate	Master of Art	UTD	Hindi	36	21	58.33%
Post Graduate	Master of Art	UTD	English	36	29	80.56%

Annual Report for the Session 2023-2024 of Students						
Level	Course/Program me	COURSE CODE	Discipline/Subject	Total Number of Student appeared in Final year	Total Number of Student passed/ Completed	Pass Percentage
Post Graduate	MAMC-4th sem. (Final)	04	Master of Arts (Mass Communication)	115	80	69.57
	MAMC-4th sem, L.E. (Final)	08	Master of Arts (Mass Communication) Lateral Entry	132	103	78.03
	MCA-5 TH YEAR	03	Master of Computer Applications	2	2	100.00
	MCA-5TH YEAR (LATERAL ENTRY)	11	Master of Computer Applications (Lateral Entry)	6	4	66.67
	M.COM-2 ND YEAR	07	Master of Commerce	342	297	86.84
	MBA-4 TH SEM	06	Master of Business Administration	392	302	77.04
	MBA 4TH SEM. (ONLINE MODE)	81	Master of Business Administration (FULL FLADGE ONLINE MODE)	105	95	90.48
	MCA 4th (2 YEARS COURSE) (Final)	15	Master of Computer Applications	84	63	75.00
	M.Sc. (MATHS.)	09	Master of Science (Mathematics)	169	29	17.16
	BAMC-3RD YEAR	52	Bachelor of Arts (Mass Communication)	53	22	41.51
	BCA-3RD YEAR	03	Bachelor of Computer Applications	1	1	100.00
	B.A 3rd Year	54	Bachelor of Arts	1017	723	71.09
	B.Com. 6th Sem. (Final)	55	Bachelor of Commerce	191	174	91.10

Annual Report for the Year 2023-2024 Of Result Branch Colleges

Sr. No.	Level	Programme	Board Discipline/ Group Name	Discipline/Subject	Total Number of Student Appeared	Total Number of Students Passed/ Awarded Degree	Pass Percentage
1	Education	B.Ed	Affiliated college	B.Ed	1221	1095	89.68%
2	Education	B.Ed	Affiliated college	Shiksha Shastri	90	85	94.44%
3	Education	B.Ed-M.Ed	Affiliated college	EDUCATION	42	36	85.71%
4	Education	B.A.-B.Ed	Affiliated college	EDUCATION	14	14	100%
5	Education	B.EL.ED	Affiliated college	EDUCATION	15	6	40%
6	Education	B.Ed (PART TIME)	Affiliated college	EDUCATION	49	48	97.96%
7	Education	M.Ed	Affiliated college	M.Ed	31	25	80.65%
8	Post Graduate	PGDY	Affiliated college	Diploma in Yoga	13	12	92.31%
9	Post Graduate	PGD remote sensing & GIS	Affiliated college	REMOTE SENSING & GIS	2	2	100%
10	Post Graduate	PGD GUIDANCE & COUNCELLING	Affiliated college	GUIDANCE & COUNCELLING	18	18	100%
11	Post Graduate	PGDYM	Affiliated college	YOGA & MENTAL HEALTH	12	8	66.67%
12	Post Graduate	PGDCA	Affiliated college	COMPUTER SCIENCE	59	23	38.99%
13	UNDER GRADUATE	BACHELOR OF ARTS	Affiliated college	MASS COMMUNICATION	37	23	62.16%
14	UNDER GRADUATE	LLB	Affiliated college	LEGISLATIVE LAW	117	59	50.43%
15	UNDER GRADUATE	BALLB	Affiliated college	LEGISLATIVE LAW(HONOURS)	94	45	47.87%
16	Post Graduate	LLM	Affiliated college	LEGISLATIVE LAW	21	14	66.67%
17	Post Graduate	M.SC	Affiliated college	CHEMISTRY	54	32	52.96%
18	Post Graduate	M.SC	Affiliated college	PHYSICS	26	14	53.84%
19	Post Graduate	M.SC	Affiliated college	BIOTECHNOLOGY	19	8	42.10%
20	Post Graduate	M.SC	Affiliated college	PSYCHOLOGY	45	32	71.11%
21	Post Graduate	M.SC	Affiliated college	GEOGRAPHY	34	26	76.47%
22	Post Graduate	M.SC	Affiliated college	ZOOLOGY	33	24	72.73%
23	Post Graduate	M.SC	Affiliated college	COMPUTER SCIENCE	115	96	83.48%

24	UNDER GRADUATE	B.SC	Affiliated college	NON MEDICAL	688	312	45.35%
25	UNDER GRADUATE	B.SC	Affiliated college	NON ,EDICAL WITH COM. SCIENCE	283	100	35.33%
26	UNDER GRADUATE	B.SC	Affiliated college	COMPUTER APPLICATION	40	12	30.00%
27	UNDER GRADUATE	B.SC	Affiliated college	COM. SCI. AIDED WITH GEOGRAPHY	29	5	17.24%
28	UNDER GRADUATE	B.SC	Affiliated college	ELECTRNICS	59	15	25.42%
29	UNDER GRADUATE	B.SC	Affiliated college	MEDICAL	271	205	75.65%
30	UNDER GRADUATE	B.SC	Affiliated college	MEDICAL WITH BIOTECHNOLOGY	92	80	86.95%
31	UNDER GRADUATE	B.SC	Affiliated college	MATHEMATICS (HONOURS)	46	16	34.78%
32	UNDER GRADUATE	B.A	Affiliated college	BACHELOR OF ARTS (GENERAL)	5448	2605	47.82%
33	UNDER GRADUATE	B.A	Affiliated college	ENGLISH HONOURS	69	52	75.36%
34	UNDER GRADUATE	B.A	Affiliated college	GEOGRAPHY HONOURS	96	78	81.25%
35	UNDER GRADUATE	B.A	Affiliated college	ECONOMICS HONOURS	44	26	59.09%
36	UNDER GRADUATE	B.COM	Affiliated college	COMMERCE	1357	944	69.57%
37	Post Graduate	M.COM	Affiliated college	COMMERCE	333+67 HSB	276+67	80.18% + 100%
38	Post Graduate	M.A	Affiliated college	ECONOMICS	45	39	86.67%
39	Post Graduate	M.A	Affiliated college	ENGLISH	184	29	15.76%
40	Post Graduate	M.A	Affiliated college	HINDI	153	91	59.48%
41	Post Graduate	M.A	Affiliated college	POLITICAL SCIENCE	71	59	83.10%
42	Post Graduate	M.A	Affiliated college	PSYYCHOLOGY	32	31	96.88%
43	Post Graduate	M.A	Affiliated college	SANSKRIT	77	73	94.81%
44	Post Graduate	M.A	Affiliated college	YOGA	39	39	100.00%
45	Post Graduate	M.A	Affiliated college	HISTORY	40	13	32.50%
46	Post Graduate	M.A	Affiliated college	SOCIOLOGY	29	28	96.55%
47	UNDER Graduate	B.COM (HONOURS)	Affiliated college	COMMERCE	38	33	86.84%

CHAPTER-6

FINANCES

TENTATIVE INCOME & EXPENDITURE STATEMENT FOR THE YEAR 2023-24

Income (Rs. in lacs) Approx.		Expenditure (Rs. in lacs) Tentative	
1. Govt. Grant	14000.00	}	14637.70
2. Internal Income	2984.66		
3. UGC	195.56	}	508.45
4. Other Agencies RUSA and including PFMS	190.87 279.45		

MAJOR RESEARCH PROJECTS SANCTIONED BY UNIVERSITY GRANTS COMMISSION UPTO JUNE, 2024 (01.07.2023 TO 30.06.2024)

Sr. No.	Title/Name of the Principal Investigator	Grant Sanctioned	Grant Received
	NIL	---	---

CHAPTER-7

Construction Activities

“A” Detail of Major works completed during 2024 (1.07.2023 to 30.06.2024)

Sr.no.	Name of project	Date of completion
1	Construction of 3 Nos. Laboratory, Block for the Department of the Chemistry in TB-3	30.11.2023
2	Renovation of labs in Department of Pharmaceutical Science in TB-2	30.07.2023
3	Construction of Dry and Wet Waste processing Unit at Solid Waste Management Plant near STP	15.02.2024
4	Renovation of Toilet in TB-3	15.02.2024
5	Construction of Barbad wire and repair of Boundary Wall in Girls Hostel	30.06.2024

“B” On-going Construction Activities during 2023-2024

Sr.no.	Name of project	Date of completion
1	Renovation of Canopy Guru Jambheshwar Bhawan	Work in Progress
2	Renovation of BH-1	Work in Progress
3	Construction of 6 Nos. “D” type houses for (Warden House)	Work in Progress
4	Construction of HSB 2 nd Floor	Work in Progress
5	Construction/Renovation of Rotary Chowk near Admn. Block	Work in Progress
6	Repair and refixing of Floor tiles in HSB building	Work in Progress
7	Renovation of VIP Suit and Guest house	Work in Progress
8	Reconstruction/ Repair of Boundary wall of University Campus	Work in Progress
9	Construction of Physiotherapy Block in Gju	Work in Progress
10	Special repair of Roads	Work in Progress
11	Renovation of Toilet Block 2 Nos. in BH-3	Work in Progress

“C” Planned Construction Activities New Works to be undertaken during 2024-2025

Sr.no.	Name of project	Estimated Cost (Rs. In Lacs.	Budget Provision 2024-25 (Rs. In Lacs.)
1	Extension of Providing of Mechanical Engineering workshop for the Department of Civil Engineering	837.20	400.00
2	Construction of Girls Hostel No. 5 (For 500 Students)	4895.00	1500.00
3	Construction of Boys Hostel No. 5 (For 900 Students)	7430.00	1000.00
4	Construction of TB-8	5300.00	1000.00
5	Construction of various Roads Phase-2	800.00	100.00
6	Construction of “E” Type houses	1200.61	200.00
7	Construction of TB-7 Phase-2	1042.00	200.00
8	Construction of Super “C” Type houses	901.00	50.00
9	Construction of “C” Type houses Phase-3	381.00	150.00
10	Renovation of University Gates No. 1,2& 3	200.0	150.00
11	Construction of Multi-story “C” Type houses	1829.00	50.00
12	Construction of Multi-story “D” Type houses	2060.00	50.00
13	Construction of Hostel of Foreign Students	2880.00	100.00
14	Providing of 1 st Floor U.W.D Building	155.00	100.00
15	Construction of Extension of GH-4 SC Students under central Sponser Scheme PM-AJAY	630.87	100.00
16	Construction of Multipurpose Hall of Size 60m*40m*15m Under Grand In-Aid from Khelo India (2021-26)	1548.00	200.00
17	Construction of 3 rd floor TB-4,5 and 6	1200.00	400.00

CHAPTER-8

SCHEDULE OF BUDGETED SANCTIONED NON-TEACHING POSTS & THEIR PAY SCALE (PLAN SCHEME) (01.07.2023 to 30.06.2024)

Sr. No.	POST/DESIGNATION	GROUP	SANCT-IONED	FILLED	VACANT	PAY LEVEL	Remarks
1	VICE CHANCELLOR	A	1	1	0	2,10,000 fixed	
2	REGISTRAR	A	1	0	1	Level-19	
3	DIRECTOR (PLACEMENT)	A	1	1	0	Level-19	
4	DEAN OF COLLEGES	A	1	0	1	Level-19	
5	CONTROLLER OF EXAMS	A	1	1	0	Level-19	
6	SUPERINTENDING ENGINEER	A	1	1	0	Level-13	One Executive Engineer Promoted against this post
7	HEAD COMPUTER CENTRE	A	1	1	0	Level-13	
8	DY REGISTRAR/SECY TO VICE CHANCELLOR	A	1	0	1	Level-12	
9	DY REGISTRAR/ COORDINATOR	A	1	0	1	Level-12	
10	DEPUTY REGISTRAR	A	5	5	0	Level-12	
11	DIRECTOR OF SPORTS	A	1	1	0	Level-11	
12	SYSTEM MANAGER	A	1	1	0	Level-11	
13	EXECUTIVE ENGINEER	A	1	1	0	Level-11	
14	ASSTT. DIRECTOR (TRG. & PLACEMENT)	A	1	1	0	Level-10	
15	ASSISTANT REGISTRAR	A	10	8	2	Level-10	
16	DOCTOR (MALE)	B	1	1	0	Level-9 +25% NPA	On EOL upto April 2025
17	DOCTOR (FEMALE)	B	1	1	0	Level-9 +25%NPA	
18	DENTAL SURGEON	B	1	1	0	Level 9 +25%NPA	
19	DIRECTOR YOUTH WELFARE	B	1	1	0	Level-9	
20	ASSTT. DIRECTOR CUM COACH (MALE)	B	1	0	1	Level-9	
21	ASSTT. DIRECTOR CUM COACH (FEMALE)	B	1	1	0	Level-9	
22	SYSTEM ANALYST	B	1	1	0	Level-9	
23	SDO (PH)	B	1	1	0	Level-9	
24	SDO (ELECT)	B	1	1	0	Level-9	
25	SDO (CIVIL)	B	1	1	0	Level-9	
26	PROGRAMMER	B	4	4	0	Level-9	
27	INFORMATION SCIENTIST	B	1	0	1	Level-9	01 post advertised vide no. 23/2024
28	TRAINING & PLACEMENT OFFICER	B	1	1	0	Level-9	
29	PUBLIC RELATIONS OFFICER	B	1	1	0	Level-9	
30	ACCOUNTS OFFICER	B	1	1	0	Level-9	To be filled through FD
31	LAW OFFICER	B	1	1	0	Level-7	
32	SUPERINTENDENT	B	14	14	0	Level-7	

SR. NO.	POST/DESIGNATION	GROUP	SANCT-IONED	FILLED	VACANT	PAY LEVEL	Remarks
33	PRIVATE SECRETARY	B	1	1	0	Level- 7	
34	JUNIOR PROGRAMMER	B	9	3	6	Level-7	01ATO promoted against vacant post and 05 posts advertised vide 25/2024
35	ASSTT. TECHNICAL OFFICER	B	2	1	1	Level-7	01 post advertised vide no. 24/2024
36	NURSE	C	3	3	0	Level-6	01 T.A Gr--1 promoted against vacant post
37	PERSONAL ASSISTANT	C	2	2	0	Level-6	
38	DEPUTY SUPERINTENDENT	C	11	12	0	Level-6	01 Dy. Supdt against UGC Computer Assistant
39	TECH. ASSTT. GR.-I (NETWORKING)	C	1	1	0	Level-6	
40	TECH. ASSTT. GR.-I (HARDWARE)	C	1	1	0	Level-6	
41	TECHNICAL ASSISTANT GR.-I	C	9	9	0	Level-6	
42	RESEARCH CUM STAT. ASSISTANT	C	1	0	1	Level-6	
43	LAB. TECH. INSTRUMENTATION	C	1	1	0	Level-6	one T.A Grd-1 promoted against this vacant post and 01 post advertised vide No.27/2024
44	JE (PH)	C	2	2	0	Level-6	01 Lady Warden promoted against vacant post
45	JE (ELECTRICAL)	C	3	3	0	Level-6	
46	JE (CIVIL)	C	4	3	1	Level-6	01 Electrician Grd-1 and 01 Electrician Gr-II promoted against these posts and 01 post advertised vide No. 29/2024
47	HEAD DRAFTSMAN	C	1	0	1	Level-6	
48	DIVISIONAL ACCOUNTANT	C	2	1	1	Level-6	One post Downgraded into Sub Divisional Clerk.
49	ASSISTANT	C	78	71	7	Level-6	
50	LADY WARDEN	C	4	4	0	Level-6	
51	SUPERVISOR YOUTH WELFARE	C	1	1	0	Level-6	
52	TECHNICAL ASSISTANT GR-II	C	2	2	0	Level-6	02 Lab Tech. promoted against these posts

SR. NO.	POST/DESIGNATION	GROUP	SANCT-IONED	FILLED	VACANT	PAY LEVEL	Remarks
53	SR SCALE STENOGRAPHER	C	3	3	0	Level-6 + 60SP	
54	SANITARY INSPECTOR	C	1	1	0	Level-6	
55	PHARMACIST	C	1	1	0	Level-6	
56	LAB TECHNICIAN	C	9	3	6	Level-6	
57	ACCOUNTANT	C	2	0	2	Level-6	02 posts advertised vide No. 30/2024
58	ELECTRICIAN GR-I	C	1	1	0	Level-6	
59	DRAFTSMAN	C	2	1	1	Level-6	One Electrician Gr-1 promoted against this posts
60	STORE KEEPER	C	8	4	4	Level-6	
61	LIBRARY ASSISTANT	C	3	0	3	Level-6	02 Posts advertised vide No. 31/2024
	SECURITY OFFICER						
62		C	1	0	1	Level-6	01 Posts advertised vide No. 26/2024
63	LAB TECHNICIAN (FOR UHC)	C	2	2	0	Level-6	
64	HOSTEL CARE TAKER	C	9	4	5	Level-4	01 Posts advertised vide No. 32/2024
65	JUNIOR SCALE STENOGRAPHER	C	2	2	0	Level-4+40 SP	
66	DRIVER	C	9	5	4	Level-4+300 SP	
67	PLUMBER GR-I	C	1	1	0	Level-4	
68	JR LECTURE ASSTT.	C	2	1	1	Level-4	
69	FITTER	C	1	1	0	Level-4	
70	A.C.MECHANIC	C	1	1	0	Level-4	
71	ELECTRICIAN GR-II	C	3	3	0	Level-4	
72	CARPENTER GR-I	C	1	1	0	Level-4	
73	CAMERAMAN-CUM-STUDIO ATTD	C	1	1	0	Level-4	
74	SUB DIVISIONAL CLERK	C	1	1	0	Level-2	
75	CLERK	C	100	71	29	Level-2	15 Post advertized vide advt. No. 02/2022
76	STORE CLERK	C	1	2	0	Level-2	
77	STENO TYPIST	C	31	23	8	Level-2	02 posts converted into the post of Lady Attendant & 01 Sub Divisional Clerk has been recruited.

SR. NO.	POST/DESIGNATION	GROUP	SANCT-IONED	FILLED	VACANT	PAY LEVEL	Remarks
78	WORK INSPECTOR	C	1	1	0	Level-2	One Masson Gr-II promoted
79	PLUMBER GR-II	C	1	1	0	Level-2	
80	LIBRARY ATTD. CUM RESTORER	C	5	3	2	Level-2	
81	LADY ATTENDANT	C	2	4	0	Level-2	02 Appointed against the posts of Steno Typist
82	LAB ATTENDANT	C	70	60	10	Level-2	3 post advertised vide no. 34/2024
83	ACCOUNTS CLERK	C	2	0	2	Level-3	01 post advertised vide no. 33/2024
84	HEAD JAMADAR	D	1	1	0	Level-2	
85	TUBE WELL OPERATOR	D	2	2	0	Level-1	
86	DAFTRI	D	3	0	3	Level-1	Two posts converted into Waiter- cum- Cleaner
87	CARPENTER GR-II	D	1	1	0	Level-1	
88	MASON GR. II	D	1	1	0	Level-1	
89	COOK	D	5	4	1	Level-1	
90	HEAD CHOWKIDAR	D	1	0	1	Level-1	
91	WAITER CUM CLEANER	D	11	9	2	Level- DL	
92	HEAD MALI	D	1	0	1	Level- DL	
93	SWEEPER	D	18	10	8	Level- DL + 30SP	Dying cadre
94	MASON HELPER	D	1	1	0	Level- DL	
95	HELPER (PHE)	D	2	0	2	Level- DL	
96	CHOWKIDAR (CIVIL)	D	1	1	0	Level- DL	
97	CHOWKIDAR (PHE)	D	1	1	0	Level- DL	
98	ANIMAL ATTENDANT	D	1	1	0	Level- DL + 30SP	
99	PLUMBING HELPER	D	2	0	2	Level- DL	
100	HELPER (CIVIL)	D	4	3	1	Level- DL	
101	HELPER (ELECTRICIAN)	D	4	0	4	Level- DL	
102	ELECTRICIAN HELPER	D	1	0	1	Level- DL	
103	PEON	D	82	64	18	Level- DL+ 30 SP	12 Post advertized
104	MALI	D	4	2	2	Level- DL + 30SP	Dying cadre

SR. NO.	POST/DESIGNATION	GROUP	SANCT-IONED	FILLED	VACANT	PAY LEVEL	Remarks
105	BELDAR	D	4	2	2	Level- DL	
106	SEWERMAN	D	1	1	0	Level- DL	
107	GROUNDS MAN	D	2	0	2	Level- DL	
108	CHOWKIDAR	D	5	0	5	Level- DL	04 Posts advertised
109	STUDENT ASSISTANT	D	2	0	2	Rs. 1200/- per month	
	Grand Total		637	480	157		

SCHEDULE OF BUDGETED SANCTIONED NON-TEACHING POSTS & THEIR PAY SCALES (SELF FINANCING SCHEME)							
SR. NO.	POST/DESIGNATION	GROUP	SANCT- IONED	FILLED	VACANT	PAY LEVEL	Remarks
1	DIRECTOR(CDOE)	A	1	1	0	Level-19	1 Dy Registrar promoted against this post
2	DEPUTY DIRECTOR(CDOE)	A	1	1	0	Level-13	1 Dy Registrar promoted against this post
3	WORKSHOP SUPERINTENDENT	A	1	1	0	Level-13	
4	ASSISTANCE DIRECTOR(CDOE)	A	1	0	1	Level-11	
5	ASSISTANT WORKSHOP SUPERINTENDENT	B	2	2	0	Level-19	1 ATO & 1 P.S. promoted against these post
6	PROGRAMMER	B	1	1	0	Level-9	
7	SUPERINTENDENT	B	1	1	0	Level-7	
8	SR. TECH. ASSTT.(PHY.)	B	1	1	0	Level-7	
9	JUNIOR PROGRAMMER	B	1	0	1	Level-7	
10	ASSISTANT TECHNICAL OFFICER	B	1	1	0	Level-7	
11	HINDI OFFICER	B	1	1	0	Level-7	
12	DEMONSTRATOR	B	2	2	0	Level-7	
13	X-RAY TECHNICIAN	B	1	1	0	Level-11	1 TA Gr. 1 promoted against this post
14	ASSISTANT	C	6	6	0	Level-6	
15	TECHNICAL ASSISTANT GR.1	C	1	1	0	Level-6	
16	LAB TECHNICIAN	C	13	13	0	Level-6	
17	JR. TECH. ASSISTANT(PHY)	C	1	0	1	Level-6	
18	WORKSHOP INSTRUCTOR	C	8	7	1	Level-6	One TA Gr-1 promoted against this post
19	CLERK	C	12	0	12	Level-2	
20	STENO-TYPIST	C	6	0	6	Level-2	
21	LAB ATTENDANT	C	20	0	20	Level-2	10 Post advertised
22	PEON	D	7	0	7	Level-DL+30SP	
	Total		89	40	49		

POST SANCTIONED BY THE UNIVERSTY GRANT COMMISSION FOR HRDC (RE-NAMED AS MMTTC)							
SR. NO.	POST/DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	Remarks
1	SECTION OFFICER	B	1	1	0	Level-7	One Supdt. Promoted against this post
2	SENIOR ASSISTANT	C	1	0	1	Level-6	
3	JUNIOR ASSISTANT	C	1	0	1	Level-2+40SP	
4	LIBRARIAN OR TECHNICIAN	C	1	1	0	Level-6	
5	COMPUTER ASSISTANT	C	1	1	0	Level-6	One Dy. Supdt. Promoted against this post
6	STENO-TYPIST/COMPUTER OPERATOR	C	1	0	1	Level-1	
7	PEON	D	1	0	1	Level-DL+30SP	
8	HOSTEL ATTENDANT	D	1	1	0	Level-DL+30SP	
	TOTAL		8	4	4		

(Faculty strength of the University as on 30.06.2024)

Sr.No.	Name of Deptt./ Subject	Sanctioned			Filled posts			Vacant			Remarks
		P	Assoc.P.	Asstt.P	P	Assoc.P	Asstt.P	P	Assoc.P	Asstt.P	
1.	Environmental Science & Engineering	4	4	8	2**	-	7	2	4	1	-
2.	Food Technology	1	3	7	-	-	3	1	3	4	-
3	Department of Biotechnology										
	(i) for Biotechnology	2	4	12	1	1	5	1	3	7	-
	(ii) for Microbiology	-	1	2	-	-	-	-	1	2	
4	Chemistry	1	5	12	-	3	8	1	2	4	-
5.	Physics	2	5	15	-	4	7	2	1	8	-
6.	Mathematics	1	3	12	-	1	8	1	2	4	-
7.	Pharmaceutical Sciences	4	7	13	2	1	11	2	6	2	-
8.	Applied Psychology	1	3	7	1	3	2	-	-	5	-
9.	Physiotherapy	1	3	5	-	-	4	1	3	1	-
10.	Computer Science & Engineering	5	11	22	1**	3+1***	18	4	7	4	-
11.	Printing Technology	2	4	9	1**	2***	9	1	2	-	-
12.	Electrical & Electronics Engineering										
	(i) for Electronics & Comm. Engg.	2	7	14	-	2	13	2	5	1	-
	(ii) for Electrical Engineering	1	2	6	-	-	2	1	2	4	-
13.	Mech. Engg.	-	4	11	-	1	11	-	3	-	
14.	Allied Health Sciences	1	3	6	-	-	2	1	3	4	-
15.	Mass Communication	2	5	9	-	1	4	2	4	5	-
16.	Haryana School of Business	5+1DP	11	23	1	9	18	4+1DP	2	5	-
17.	G.J.M.I. Religious Studies	-	-	1	-	-	-	-	-	1	-
18.	Centre for Distance and Online Education	-	1	3	-	1***	2	-	-	1	-
19.	UGC-Malaviya Mission Teacher Training Centre	1-PD	1	1	-	1	1	1-PD	-	-	-
20.	English and Foreign Languages	1	2	5	-	-	3	1	2	2	-
21.	Hindi	1	2	4	-	-	3	1	2	1	-
22.	Economics	1	4	9	-	2	4	1	2	5	-
23.	Civil Engineering	1	2	4	-	-	-	1	2	4	-
24.	Artificial Intelligence and Data Science	-	1	4	-	-	-	-	1	4	-
Total		39+1DP+1PD	98	224	9	36	145	32	62	79	-
25.	Library	1-Lib	1-DL	4-AL	1-Lib.	-	3-AL	-	1-DL	1-AL	-
Grand Total		42	99	228	10	36	148	32	63	80	-

DP-Director-Professor, PD-Professor-Director, P-Professor, Assoc.P.-Associate Professor, Asstt.P.-Assistant Professor, Lib.-Librarian, DL- Deputy Librarian, AL-Assistant Librarian, D-Demonstrator

**Four posts of Professor have been filled up at the level of Assistant Professor.

***Four posts of Associate Professor have been filled up at the level of Assistant Professor.

CHAPTER-9

List of Students registered for Ph.D. programme - 01.07.2023 to 30.06.2024

Department of Computer Science & Engg.							
S. No	Regn. No.	Name	Topic of Research	Supervisor	Co-supervisor	Date of approval by BOS&R	Date of confrimation of Regn.
1	220010090103	Mr. Mandeep Kumar	ENHANCED ANDROID MALWARE DETECTION SYSTEM USING DEEP LEARNING	Dr. Abhishek Kajal		08.12.2023	08.12.2023
2	220010090105	Ms. Priyanka	HAND WRITTEN CHARACTER RECOGNITION IN DEVANAGARI SCRIPTS USING DEEP LEARNING TECHNIQUE	Prof. Sanjeev Kumar	Dr. Seema Yodha	08.12.2023	08.12.2023
3	220010090108	Ms. Neha	INTRUSION DETECTION SYSTEM FOR CRITICAL INFORMATION INFRASTRUCTURE: A DEEP LEARNING BASED HYBRID APPROACH	Dr. Abhishek Kajal		08.12.2023	08.12.2023
4	220010090111	Ms. Rekha	BOT DETECTION AND SENTIMENT ANALYSIS USING DEEP LEARNING TECHNIQUES	Dr. Abhishek Kajal		08.12.2023	08.12.2023
5	220010090101	Ms. Nisha	FACE SPOOF DETECTION USING DEEP LEARNING	Dr. Jai Bhagwan	Prof. Sanjeev Kumar	08.12.2023	08.12.2023
6	220010090102	Ms. Soni Bedain	EEG-BASED EMOTION RECOGNITION USING DEEP LEARNING	Prof. Dharmender Kumar	Dr. Sakshi Dhingra	08.12.2023	08.12.2023
7	220010090104	Mr. Abhishek Bishnoi	RESOURCE ALLOCATION OPTIMIZATION IN CLOUD COMPUTING USING META-HEURISTIC TECHNIQUES	Dr. Jai Bhagwan		08.12.2023	08.12.2023
8	220010090110	Ms. Sushma Saini	EARLY SOFTWARE BUG PREDICTION USING MACHINE LEARNING	Dr. Jai Bhagwan	Dr. Seema Rani	08.12.2023	08.12.2023
9	200010090117	Ms. Jyotsana	SECURING SOFTWARE DEFINED NETWORKING BASED VEHICULAR AD HOC NETWORKS AGAINST DENIAL OF SERVICE ATTACKS	Dr. Sunil Kumar	Prof. Dharminder Kumar	08.12.2023	08.12.2023
10	200010090118	Ms. Suman	DESIGN AND ANALYSIS OF INTRUSION DETECTION TECHNIQUES FOR FLYING ADHOC NETWORKS	Dr. Sunil Kumar	Prof. Dharmender Kumar	08.12.2023	08.12.2023
11	200010090119	Ms. Reetu Kumari	MACHINE LEARNING BASED INTRUSION DETECTION TECHNIQUES TO SECURE INDUSTRIAL INTERNET OF THINGS	Dr. Sunil Kumar	Dr. Amandeep	08.12.2023	08.12.2023

12	200010090120	Ms. Ekta	MACHINE LEARNING BASED INTRUSION DETECTION TECHNIQUES FOR FOG COMPUTING ENVIRONMENT	Dr. Sunil Kumar		08.12.2023	08.12.2023
13	210010090102	Ms. Umesh	DETECTING CYBER ATTACKS IN INTERNET OF MEDICAL THINGS USING MACHINE LEARNING TECHNIQUES	Dr. Sunil Kumar		08.12.2023	08.12.2023
14	210010090103	Ms. Sonu Devi	METAHEURISTIC APPROACHES FOR SINGLE AND MULTIOBJECTIVE CLUSTERING	Prof. Dharmender Kumar/	Dr. Narender Kumar	08.12.2023	08.12.2023
15	210010090105	Mr. Kulbir Kumar	DESIGN AND ANALYSIS OF EFFICIENT QUALITY OF SERVICE (QoS) TECHNIQUE FOR 5G AND BEYOND 5G	Dr. Amandeep	Prof. Dharmender Kumar	08.12.2023	08.12.2023
16	200010090115	Ms. Shalu Rani	DESIGNING AUTOMATIC TEXT SUMMARIZATION MODEL	Prof. Jyoti Vashishtha		26.04.2022	26.04.2022
17	200010090110	Ms. Kanika Malik	MITIGATING SECURITY RISKS IN 6TISCH FOR IoT NETWORKS	Dr. Deepak Nandal	Dr. Abhishek Verma, Assistant Professor, IIITDM, Jabalpur	12.05.2023	12.05.2023
18	220010090107	Ms. Nisha Rani	SOIL MOISTURE PREDICTION USING DEEP LEARNING	Prof. Sanjeev Kumar	Dr. Manoj, Asstt. Professor, Deptt. of CSE, GJUS&T, Hisar	08.12.2023	08.12.2023
19	220010090112	Ms. Jyoti Kaushik	ANALYSIS AND DESIGN OF SOFTWARE EFFORT ESTIMATION MODEL USING MACHINE LEARNING TECHNIQUES	Prof. Om Prakash Sangwan		08.12.2023	08.12.2023
Department of Communication Management & Technology							
1	220020090101	Shubham Bhatia	DISPENSING TECHNOCRATIC AGGRANDISEMENT THROUGH AI-GENERATED TRANSGRESSIVE SYNTHETIC MEDIA RESULTING IN DELUSIVE DEMOCRATIC STRUCTURES OF WORLD DEMOCRACIES आई-जनित ट्रांसग्रेसिव सिंथेटिक मीडिया के माध्यम से तकनीकी तंत्र को बढ़ावा देने के परिणाम स्वरूप विश्व लोकतंत्रों की लोकतांत्रिक संरचनाओं	Prof. Vikram Kaushik		27.02.2024	27.02.2024

2	220020090102	Sunny Mehra	Decoding Female Protagonists in Sanjay Leela Bhansali's Movies: An Exploratory Study संजय लीला भंसाली की फिल्मों में महिला प्रमुख किरदारों का व्याख्यान:	Dr. Sunaina		27.02.2024	27.02.2024
3	220020090103	Shilpa Agarwal	Layered Media Narratives Induced Through Technological Intelligentsia To Create Political Closures Resulting In Imperiling Democracies प्रौद्योगिक बुद्धिजीवियों द्वारा प्रवृत्त परतबद्ध मीडिया आख्यान के परिणाम स्वरूप निर्मित राजनीतिक अवरोधों से	Prof. Vikram Kaushik		27.02.2024	27.02.2024
4	220020090104	Sumesh Sabharwal	Representation of Surveillance in Web Editions: A Study of Three International Dailies वेब संस्करणों में निगरानी का प्रतिनिधित्व: तीन अंतर्राष्ट्रीय दैनिक	Prof. Umesh Arya		27.02.2024	27.02.2024
5	220020090105	Suman Sharma	Structuring of Political Sectarianism by Digital Content Creators: A Study of Political Differentia Through Social Media डिजिटल सामग्री रचनाकारों द्वारा राजनीतिक संप्रदायवाद की संरचना: सोशल मीडिया के माध्यम से राजनीतिक भिन्नता	Prof. Vikram Kaushik		27.02.2024	27.02.2024
6	220020090106	Anil Kumar	Business News in Major Indian Dailies of Web Edition वेब संस्करण के प्रमुख भारतीय दैनिक समाचार पत्रों में व्यावसायिक समाचार	Prof. Manoj Dayal		27.02.2024	27.02.2024
7	220020090107	Subhash	Portrayal of Communal Riots in Indian Newspapers: A Study of Web Editions of Prominent Indian Dailies भारतीय समाचार पत्रों में सांप्रदायिक दंगों का चित्रण: प्रमुख भारतीय दैनिक समाचार पत्रों के वेब संस्करणों	Prof. Umesh Arya		27.02.2024	27.02.2024
8	220020090108	Ravinder	Media Neutralism In Covering Issues Related To Immigrants: A Study Of World Media Contrast In Addressing Immigration Issues प्रवासियों से सम्बंधित मुद्दों को कवर करने में मीडिया की तटस्थता : आप्रवासन मुद्दों को संबोधित करने	Prof. Vikram Kaushik		27.02.2024	27.02.2024
9	220020090109	Kiran	Media Coverage of Mental Health Issues: A Study of Web Editions of International English Dailies मानसिक स्वास्थ्य मुद्दों का मीडिया कवरेज: अंतर्राष्ट्रीय अंग्रेजी दैनिक समाचार पत्रों के वेब संस्करणों का एक	Prof. Umesh Arya		27.02.2024	27.02.2024

10	220020090110	Saloni Kumari	PERCEPTION ABOUT AI-GENERATED NEWS ANCHOR: A COMPARATIVE STUDY OF MEDIA STUDENTS OF HARYANA AND DELHI एआई-जनित समाचार एंकर के बारे में धारणा: हरियाणा और दिल्ली के मीडिया छात्रों का एक तुलनात्मक अध्ययन	Prof. Manoj Dayal		27.02.2024	27.02.2024
11	220020090111	Tamanna	Influence of Social Media on Interfamilial Communication in Context of Mental Health:- A Study मानसिक स्वास्थ्य के संदर्भ में अंतर. पारिवारिक संचार पर सोशल मीडिया का प्रभाव : एक अध्ययन	Dr. Sunaina		27.02.2024	27.02.2024
Department of Environmental Science & Engineering							
1	200040090107	Ms. Sugamta	Removal Of Heavy Metals And Dyes Using Metal Oxide Nanoparticles Derived From E-Waste	Dr. Anu Gupta		17.03.2023	17.03.2023
2	210040090102	Mr. Surender	Treatment of Dairy Wastewater using Constructed Wetland Integrated with Microbial Fuel Cell	Dr. Anita Singh Kirrolia		11.08.2023	11.08.2023
3	210040090103	Ms. Diksha	A Study on the efficacy of medicinal plant-based nanoparticles for the removal of waterborne pathogens	Dr. Anita Singh Kirrolia		11.08.2023	11.08.2023
4	210040090104	Mr. Ashish Solanki	Nano-adsorbent based Biodegradation of Plastic Waste: An approach toward the Circular Economy.	Prof. Parveen Sharma	Dr. Dushyant Kumar, Deptt. of Environmental Science under SOET, Central University of Haryana	11.08.2023	11.08.2023
Department of Chemistry							
1	200050090110	Ms. Seema Devi	Synthesis and anticorrosive studies of 1,2,3-triazoles for mild steel	Dr. Kashmiri Lal	Dr. Hariom, Associate Professor, Deptt. of Chemistry, MDU, Rohtak	27.07.2023	27.07.2023
2	200050090111	Ms. Shikha	Synthesis and biological activity of organotin(IV) complexes derived from ligands containing nitrogen and oxygen donor atoms	Prof. Sonika		27.07.2023	27.07.2023
3	220050090103	Ms. Anju	Synthesis, characterization and biological evaluation of organotin(IV) complexes	Prof. Sonika		27.07.2023	27.07.2023

			derived from Schiff base ligands				
4	220050090106	Ms. Aman	Synthesis and biological studies of adamantane appended 1,2,3-triazoles	Dr. Kashmiri Lal		27.07.2023	27.07.2023
5		Ms. Sushma	Thermophysical, topological and spectroscopic studies of ionic liquids and their binary mixtures	Dr. Jyoti		07.11.2023	07.11.2023
6	220050090102	Ms. Ritika	Synthesis and biological studies of imidazole based hyphenated compounds	Dr. Vikas Verma		07.11.2023	07.11.2023
7	220050090105	Ms. Anshul	Synthesis and biological studies of dehydroacetic acid derived 1,2,3- triazole hybrids	Dr. Kashmiri Lal		07.11.2023	07.11.2023
8	220050090107	Ms. Manju	Synthesis, characterization and biological studies of transition metal complexes derived from pyrazolones	Dr. Mahavir Parshad		07.11.2023	07.11.2023
9	220050090108	Ms. Akanksha	Synthesis and biological studies of pyrazoline containing 1,2,3-triazole hybrids	Dr. Kashmiri Lal		07.11.2023	07.11.2023
10	220050090104	Ms. Renu	Synthesis, characterization and biological studies of transition metal complexes derived from pyrazolyl Schiff bases	Dr. Mahavir Parshad		23.05.2024	23.05.2024
Department of Mathematics							
1	210060090101	Mr. Solomon Zerfu Degefa	Fixed Point Theorems and Best Proximity Points of Certain Contractive Maps in Various Fuzzy Metric Spaces	Dr. Vizender Singh		26.04.2023	26.04.2023
2	220060090101	Mr. Khawaish	Deformation of Viscoelastic and Thermoelastic Media due to Various Seismic Sources	Dr. Renu Muwal		31.05.2024	31.05.2024
3	220060090102	Ms. Sanju Bala	On Commuting Automorphisms of Finite Groups	Dr. Hemant Kalra		31.05.2024	31.05.2024
4	220060090103	Ms. Jyoti	Study of Some Fixed Figure Theorems on Various Types of Metric Structures	Dr. Vizender Singh		31.05.2024	31.05.2024
Department of Physics							
1	200070090111	Ms. Rekha Dhiman	Investigation of Natural Radioactivity around Adi Badri Region, Yamuna Nagar District of Haryana, India	Dr. Ranjeet	Prof. Suneel Kumar, Deptt. of Physics and Astrophysics, Central University of Haryana Mahendergarh, Haryana	24.04.2024	24.04.2024
2	200070090113	Mr. Pankaj Kumar	Magnetic Properties of 2D Materials and their van der Waals Heterostructures	Dr. Hardev Singh	Prof. Manish Kumar, School of Physical Sciences, JNU, New	24.04.2024	24.04.2024

					Delhi		
3	200070090112	Ms. Aarti	Structural Investigation and Dielectric Response of Modified Calcium Based ACTO Ceramics	Prof. Neetu Ahlawat		24.04.2024	24.04.2024
4	200070090115	Ms. Pooja Rani	Electrochemical Properties of 2D Materials for Energy Storage Devices	Dr. Hardev Singh		24.04.2024	24.04.2024
Department of Food Technology							
1	200080090101	Ms. Ambika Choudhary	Development, Characterization and Applications of Nanocellulose Based Biocomposite Film	Dr. Manish Kumar	Dr. Vandana Chaudhary, Assistant Professor, Dairy Technology, LUVAS, Hisar	27.06.2022	27.06.2022
2	200080090102	Ms. Kavita	Extraction, Characterization and Application of Essential Oil Extracted from Kinnow Fruit Waste	Dr. Manish Kumar	Dr. Ashok Kumar, Assistant Professor, Amity Institute of Food Technology, Amity University, Noida, U.P.	10.02.2023	10.02.2023
Department of Bio & Nano Technology							
1	190090290103	Ms. Renuka Sharma	Preparation and characterization of nanoformulation(s) of natural bioactive compounds for therapeutic applications	Prof. Namita Singh	Dr. Nitin Virmani, Principal Scientist, Veterinary Pathology, ICAR-NRCE, Hisar	26.12.2022	26.12.2022
2	210090290105	Ms. Sushila Devi	Synthesis, characterisation and therapeutic evaluation of Thymol metal complexes	Dr. Santosh Kumari		04.03.2024	04.03.2024
3	210090290104	Ms. Swati Rani	Studies on Development of Recombinant Porcine Circovirus Vaccine candidate(s) & their Immunological Response in Murine model/Piglets	Dr. Sapna Grewal	Dr. Nitin Virmani, ICAR - National Research Centre on Equines, Hisar.	04.03.2024	04.03.2024
4	210090190102	Ms. Nisha	Ecofriendly synthesis of carbon dots from vegetable waste and their pharmacological evaluation	Dr. Santosh Kumari		04.03.2024	04.03.2024

5	200090290106	Mr. Yadvinder Singh	Studies on the synergistic effect of thiamine conjugated chitosan nanoparticles and Arbuscular mycorrhizal fungi for controlling Powdery mildew in wheat	Dr. Sapna Grewal		04.03.2024	04.03.2024
Department of Applied Psychology							
1	200110090102	Mr. Gobind	ROLE OF RELIGIOUSITY IN ATTITUDE AND ATTRIBUTION TOWARDS POVERTY AND MODERNIZATION AMONG YOUNG ADULTS WITH DIFFERENT SOCIO-ECONOMIC BACKGROUNDS AND GENDER	Prof. Rakesh Kumar Behmani	Dr. Krishan Kumar Sony, Associate Professor PGIMER, Chandigarh	04.07.2022	04.07.2022
2	200110090106	Mr. Satyander	SUICIDAL IDEATION, DEPRESSION, RESILIENCE, SELF ESTEEM AND COGNITIVE DISTORTIONS AMONG COLLEGE GOING STUDENTS	Dr. Sanjay Kumar		12.06.2023	12.06.2023
Department of Pharmaceutical Sciences							
1	220120190101	Poonam Rani	Studies on Thiazinan-4-one Hybrids Bearing Different Heterocyclic Scaffolds	Dr. Manoj Kumar		05.02.2024	05.02.2024
Department of Electrical & Electronics Engineering							
1	210150090102	Ms. Suman	A hybrid framework for the routing problem in Ultra Dense Network using Q-learning and Machine Learning	Prof. Sanjeev Kumar Dhull	Dr. Ramnish	29.05.2023	29.05.2023
2	220150090104	Renuka Poonia	Hybrid optimization approach for handoff strategy-based spectrum allocation in Cognitive Radio Network	Dr. Priyanka Dalal		12.03.2024	12.03.2024
3	220150090101	Agrakshi	Acoustic Scene Classification using Machine Learning Techniques	Dr. Manisha Jangra		12.03.2024	12.03.2024
4	220150090102	Rachna Devi	Design and analysis of efficient antennas for breast tumor detection using microwave imaging	Prof. Sanjeev Kumar Dhull		12.03.2024	12.03.2024
5	210200090101	Ms. Nisha Sharma	Phasor Assisted Power System Voltage Stability Monitoring and Enhancement using FACTS	Dr. Priti Prabhakar	Prof. Avnesh Verma, Department of Instrumentation, KUK	01.06.2023	01.06.2023
Department of Mechanical Engineering							
1	210160090103	Mr. Rajender Singh	An Experimental Investigation on Weld Joint of Dissimilar Mild Steel Alloys using Hybrid Welding	Dr. Pankaj Sharma		04.10.2023	04.10.2023

2	210160090104	Mr. Jagdip Chauhan	Experimental Investigation of Welding Parameters and Preheating Effects on ASTM A217 Gr C12A using Submerged Arc Welding	Dr. Sandeep Jindal		04.10.2023	04.10.2023
3	220160090102	Mr. Ajay Prakash	Experimental Investigations on a Modified Concatenated Stepped Solar Sugarcane Juice Distiller: Heat and Mass Transfer Analysis	Dr. Mahesh Kumar		04.10.2023	04.10.2023
4	210160090105	Mr. Gaurav Kadian	Performance Evaluation of a Circular Stepped Hemispherical Solar Still for Sugarcane Juice Distillation: An Experimental Approach	Dr. Mahesh Kumar		04.10.2023	04.10.2023

Department of Physiotherapy							
1	220170090102	Ms. Reena Kumari	Efficacy of Immersive Virtual Reality and Cognitive Training on various parameters in patients suffering from Alzheimer's Disease: A Randomized Controlled Trial	Dr. Jaspreet Kaur		06.12.2023	06.12.2023
2	220170090103	Ms. Chanchal	Effectiveness of Pulsed Electromagnetic Field Therapy and Transcranial Direct Current Stimulation in Treatment of Primary Dysmenorrhea	Prof. Shabnam Joshi		06.12.2023	06.12.2023
3	220170090104	Ms Sakshi	Optimization and Efficacy of Exercise Protocols in patients suffering from Parkinson's disease	Dr. Jaspreet Kaur		06.12.2023	06.12.2023
4	220170090105	Ms. Deepika	Efficacy of Sensorimotor exercises and Motor control exercises in management of Cervical Spondylosis	Prof. Shabnam Joshi		06.12.2023	06.12.2023
5	220170090106	Ms. Amita	Effectiveness of Spencer Technique and Instrument Assisted Soft Tissue Mobilization in Frozen Shoulder	Prof. Shabnam Joshi		06.12.2023	06.12.2023
6	220170090107	Ms. Monika	A Comparative study on effects of cross fit versus circuit training on various physical profiles in female wrestlers	Dr. Kalindi Dev		06.12.2023	06.12.2023
Department of Economics							
1	200180090107	Mr. Abhishek Sharma	A CONTEMPORARY STUDY OF THE LIFE INSURANCE PURCHASE DECISIONS IN HARYANA: A BEHAVIORAL APPROACH	Dr. Manoj Kumar		13.06.2023	13.06.2023

2	210180090103	Ms. Ruby	AN ANALYSIS OF MULTIDIMENSIONAL POVERTY AND INEQUALITY IN RELATION TO GENDER AND REGION IN INDIA	Dr. Lalit Sharma		13.06.2023	13.06.2023
3	210180090104	Ms. Sonu	AN ANALYTICAL STUDY OF ENVIRONMENTAL DEGRADATION FROM SELECTED ASPECTS: A STUDY FROM HARYANA	Dr. Manoj Kumar		13.06.2023	13.06.2023
Haryana School of Business							
1	210100090104	Ms. Vandana Soni	A Study of Psychological Capital, Technostress And Gratitude Amongst The Working And Aspiring Professionals	Dr. B. K. Punia		31.05.2023	31.05.2023
2	210100090108	Ms. Kajal Saneja	Effects of Selected Factors on Intention, Behaviour Towards Circular Economy And Business Performance of E- Retailers In Haryana	Dr. Tika Ram		31.05.2023	31.05.2023
3	210100090114	Poonam	FACTORS AFFECTING ADOPTION OF DESIRED BEHAVIOUR REGARDING ROAD SAFETY MEASURES IN HARYANA	Dr. Tika Ram		02.05.2024	02.05.2024
4	220100090101	Monika	Motivations and Challenges of Women Startups in National Capital Region	Dr. Dalbir Singh		02.05.2024	02.05.2024
5	220100090102	Simran	Exploring the Factors Influencing Consumers' Intention to Share Online Reviews on E-Commerce Platforms	Dr. Mani Shreshtha		02.05.2024	02.05.2024
6	220100090103	Pooja Garg	Antecedents and Consequences of Sustainable Food Consumption	Dr. Harbhajan Bansal		02.05.2024	02.05.2024
7	220100090104	Anu Kohar	Consumer Awareness and Purchase Intention Towards Sustainable Packaging in Cosmetics	Dr. Harbhajan Bansal		02.05.2024	02.05.2024
8	220100090105	Aarti Verma	Impact of CEO Attributes on Financial Performance and Corporate Sustainable Growth in Indian Corporates	Dr. Mahesh Chand Garg		02.05.2024	02.05.2024
9	220100090108	Neha	Sustainability Reporting Practices and Firm Performance: An Indian Perspective	Dr. Mahesh Chand Garg		02.05.2024	02.05.2024

10	220100090109	Simran Khurana	Carbon Disclosure and Firm Performance in Corporate Sector in India	Dr. Mahesh Chand Garg		02.05.2024	02.05.2024
11	220100090110	Pooja	Performance Evaluation of Indian Mutual Funds: A Comprehensive Analysis of Market Timing, Selectivity and Investment Style	Dr. Suresh Kumar Mittal		02.05.2024	02.05.2024
12	220100090111	Viniksha Verma	Exploring the Relationship of Personal and Organisational Variables with Cyberloafing and its Outcomes	Dr. Vandana Singh		02.05.2024	02.05.2024
13	220100090112	Monika	Exploring the Relationship between Metaverse, Psychological Empowerment and Employee Training	Dr. Suresh Kumar Bhaker		02.05.2024	02.05.2024
14	220100090113	Heena	Exploring the Link between Green Human Resource Management Practices, Organizational Commitment and Corporate Social Responsibility	Dr. Suresh Kumar Bhaker		02.05.2024	02.05.2024
Department of Hindi							
1	210210090101	Saurabh	इक्कीसवीं सदी की स्त्री आत्मकथाओं तथा पुरुष आत्मकथाओं का तुलनात्मक अध्ययन (विशेष संदर्भ – सन् 2000 ई. से 2020 ई. तक)	Dr. Geetu		23.01.2024	23.01.2024
2	220210090101	Sachin	हिन्दी एवं अन्य भारतीय भाषाओं से अनूदित उपन्यासों में चित्रित देवदासी प्रथा : एक विश्लेषणात्मक अध्ययन	Dr. Sharmila		23.01.2024	23.01.2024
3	220210090102	Reena Rani	भारत-पाकिस्तान विभाजन केन्द्रित हिन्दी उपन्यासों का मनोवैज्ञानिक अध्ययन	Dr. Sharmila		23.01.2024	23.01.2024

CHAPTER-10

TRAINING & PLACEMENT CELL

1. 88 companies including VVDN Technologies Pvt Ltd, Varun Beverages Ltd., Toyo Ink India Pvt. Ltd., Oji India Packaging Pvt. Ltd., HDFC Bank, Monotech Systems Limited, Mimaki India Private Limited, P.R. Packagings Pvt. Ltd, AmulFed Dairy, Haldiram's, Varun Beverages Ltd., Kanodia Technoplast Ltd., RK Info Systems Pvt Ltd., Gujarat Gas Limited conducted the On-campus/Off-Campus placements for students in which 366 students got placements with average salary package from 3.8 LPA.
2. Training & Placement Cell conducted various career awareness and capability enhancement activities throughout the year through various clubs like Aptitude Club, UDBHAVANA Club, Speakathon Club, International Studies Club, Coding Club, Industry Interaction Club, SSB Club, Competitive Exams Club, Entrepreneurship Club & Internship Club running in mentorship of Cell.
3. 4-Days Offline Campus Recruitment Training Programme for Final Year students passing out in 2025 in partnership with Rubicon Skill Development Pvt. Ltd. was held in April 2024, in which 861 students participated.
4. 4-Days Offline Soft Skill Training Program for Final Year students passing out in 2024 in partnership with Global Talent Track Pvt Ltd. was held in 25-28 April 2024, in which 250 students participated.
5. 15-Days Offline Aptitude Training Program (ATP) was conducted by Aptitude Club held in February 2024 by T&P Cell. Approx. 578 students participated in this event.
6. 2-Days Soft Skill Training Program "PRAGYAN" for freshers students was held by Udbhavana Club in 07-08.10.2023 in which 750 students participated.
7. 06 Industry Interaction programs have been conducted for the students of MBA, CSE, EE, ECE, Chemistry, Pharmacy Departments in which eminent industry experts such as Mr. Pankaj Khurana , Mr. Pawan Kumar, Director and Co-Founder Calibyte Pvt. Ltd., Mr.B.P. Karamchandani Founder & CEO of MvDad.com, Mr. Manish K. Agarwal Corporate Taxation, EY Featured on Josh Talks, Mr. Manish K. Agarwal Corporate Taxation, EY Featured on Josh Talks & Dr. Sudhir Yadav (Senior Chemist at ONGC Ltd., Mumbai interacted with students and apprised them about latest industry trends. Approx. 896 students participated in these programs.
8. 02 Industrial Visit to Research & Development Centre of Sun Pharmaceutical Industries Ltd., Gurugram conducted for Chemistry Students & Anzo Control Pvt. Ltd., Neemrana, Rajasthan conducted for EE & ME Students
9. 2 Entrepreneurship programmes SAMVAD & My Story- Motivational Seminar by Successful Entrepreneur were conducted for the students of all B.Tech in which experts such as Dr. Ravin Sharma & Mr. Kuldeep Ayalki Founder Director of KMA Technology Pvt. Ltd. delivered the taken . Approx. 175 students participated in these programs.
10. Three programs were conducted by SSB club of T&P Cell to make the aspiring students aware about opportunities in Armed Forces and prepare them accordingly. Approx. 165 students have participated in these events.
11. 33 Weekly online aptitude tests (GWOAT) were conducted by Aptitude Club of T&P Cell for sharpening the aptitude skills of students, in which approx. 3591 students gave the test on topics like quantitative Analysis, English. Reasoning & General Awareness.
12. A new program Monthly Mock Interviews was started by Speakathon Club of T&P Cell. Approx. 150 students have participated in these events.
13. 04 different programmes Fortnightly Group Discussion, Story Telling Competition, Online Debating Competition, Story Telling Competition were conducted by Speakathon Club. Approx 208 students participated in these programs.
14. One Seminar was conducted by International Studies Club under T&P Cell.
15. 3 Coding tests have been conducted by Coding Club GJUST-CODERS under T&P Cell.
16. 1 Seminar/Webinar has been conducted under UDBHAVANA Module of T&P Cell by Shreshthaa K. Chopra (Certified Trainer from BSE) for skill enhancement of students.

Chapter-11

DIRECTORATE OF DISTANCE EDUCATION

The Centre for Distance and Online Education was established in 1997. Currently, the following ODL and Online programmes are offered by the Centre for Distance and Online Education for the session 2023-24 approved by DEB-UGC vide letter no. F.No. 40-5/2022(DEB-II) (ODL) dated 27.10.2022, F.No. 30-24/2023 (DEB-II) dated 07.03.2024, and F.No. 2-1/2024(DEB-II) dated 01.02.2024.

OFFICERS OF THE CENTRE FOR DISTANCE AND ONLINE EDUCATION

Sr. No.	Names	Designation	Phone Nos.	E-mail-IDs
1	Prof. Khujan Singh	Director	01662-263157	dde@gjust.org dde.gjust@gmail.com
2	Smt. Sushila Siwach	Dy. Registrar	01662-263135	de@gjust.org
3	Smt. Asha Rani	Superintendent	01662-263141	supdtde1@gjust.org
4	Smt. Mansa Rani	Superintendent	01662-263158	supdtde2@gjust.org

Programme Details and admission in Session 2023-24

PROGRAMMES THROUGH OPEN AND DISTANCE LEARNING (ODL) MODE:-

The Centre for Distance and Online Education offers the following programmes through distance mode:-

Post Graduate Programmes

1. Master of Arts (Mass Communication)
2. Master of Science (Mathematics)
3. Master of Business Administration (MBA)
4. Master of Commerce (M.Com.)
5. Master of Computer Applications (MCA)
6. Master of Arts (English)

Graduate Programmes

7. Bachelor of Arts (Mass Communication)
8. Bachelor of Arts (B.A.)
9. Bachelor of Commerce (B.Com.)

PROGRAMMES THROUGH ONLINE MODE:-

1. Bachelor of Commerce – General
2. Master of Business Administration – Human Resource, Marketing (MBA)

DIPLOMA/ CERTIFICATE PROGRAMMES THROUGH ODL MODE:-

1. Diploma/Certificate in Computer Application
2. Diploma in Food Quality Assurance
3. Certificate in Food Quality Assurance
4. Certificate in Video Film Production
5. Diploma in Solid and Hazardous Waste Management

Admission Report of ODL Programmes for the Session 2023-24

Sr.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	M.A. (Mass Communication)	300	-	300
2	Master of Science (M.Sc.) (Mathematics)	76	55	131
3	Master of Business Administration (MBA)	414	-	414
4	Master of Commerce (M.Com.)	106	51	157
5	Master of Computer Applications (MCA)	107	-	107
6	Master of Arts (English)	165	-	165
7	B.A. (Mass Communication)	24	1	25
8	B.A.(Bachelor of Arts)	771	516	1287
9	B.Com (Bachelor of Commerce)	159	220	379
10.	Diploma/Certificate in Computer Application	46	-	46
11.	Diploma in Food Quality Assurance	16	-	16
12.	Certificate in Food Quality Assurance	2	-	2
13.	Certificate in Video Film Production	11	-	11
14.	Diploma in Solid and Hazardous Waste Management	11	-	11
Total		2208	843	3051

Admission Report of Online Programmes for the academic session July 2023

Sr.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	Bachelor of Commerce – General	38	-	38
2	Master of Business Administration – Human Resource, Marketing (MBA)	161	-	161
Total		199	-	199

FACULTY/PROGRAMME DETAILS

A) UG/ PG PROGRAMMES

Sr. No.	Name of the Programme	Name of Faculty/ Co-ordinator	Designation
1.	M.A. (Mass Communication) B.A. (Mass Communication)	Dr. Sunaina Dr. Sandhya Mr. Ashok Kumar	Assistant Professor Assistant Professor (On contract basis) Assistant Professor (On contract basis)
2.	Master of Arts (English)	Dr. Pallavi Dr. Astha Gupta	Assistant Professor Assistant Professor (On contract basis)
3.	M.Sc. (Mathematics)	Dr. Vizender Singh Dr. Joginder Singh	Assistant Professor Assistant Professor (On contract basis)
4.	Master of Business Administration (MBA) (Through ODL Mode)	Dr. Poonam Kaushik Dr. Jitender	Assistant Professor (On contract basis) Assistant Professor (On contract basis)
5.	Master of Computer Application (MCA)	Er. Vinod Mr. Neeraj	Assistant Professor Assistant Professor (On contract basis)
6.	Master of Commerce (M.Com.) B.Com. (Bachelor of Commerce) (ODL Mode)	Sh. Ankit Ms. Chand Kiran Ms. Simran Arya	Assistant Professor (On contract basis) Assistant Professor (On contract basis) Assistant Professor (On contract basis)
9.	MCA (5 Yrs. Integrated course)	Mrs. Kapila Ms. Ritu Chopra	Assistant Professor (On contract basis) Assistant Professor (On contract basis)
7.	B.A. (Bachelor of Arts)	Prof. Vandana Punia Dr. Shakuntla Devi	Professor Assistant Professor (On contract basis)
8.	B.Com. (Bachelor of Commerce) (Through Online Mode)	Sh. Rakesh, A.P. Dr. Komal Dhanda, A.P.	Assistant Professor (On contract basis) Assistant Professor (On contract basis)

	Master of Business Administration (MBA) (Through Online Mode)	Dr. Jitender Kumar, A.P. Dr. Anjali Gupta, A.P.	Assistant Professor (On contract basis) Assistant Professor (On contract basis)
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B) DIPLOMA/ CERTIFICATE PROGRAMMES

Sr. No.	Name of the Programme	Name of Faculty/ Co-ordinator	Designation
1.	Diploma/Certificate in Computer Application (DCA)	Er. Vinod	Assistant Professor
2.	Diploma/Certificate in Food Quality Assurance (DFQA)	Prof. Manish	Professor
3.	Certificate in Video Film Production (CVFP)	Dr. Sunaina	Assistant Professor
4.	Diploma in Solid and Hazardous Waste Management (DSHWM)	Dr. Santosh Bhukal	Associate Professor

PROGRAMMES CONDUCTED/ INTRODUCED BY THE CENTRE FOR DISTANCE AND ONLINE EDUCATION, GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR

1. The designation of **Directorate of Distance Education** has been changed to **Centre for Distance and Online Education (CDOE)** as per direction of UGC (DEB).
2. The Centre for Distance and Online Education (CDOE) has applied for **01 new programme** i.e. Master of Arts (Hindi) through ODL mode and **04 new programmes** i.e. Master of Arts (Mass Communication), Master of Commerce (M.Com.), Master of Computer Applications (MCA) and Master of Business Administration (MBA) {with more specializations, i.e., Finance, International Business, Production & Operations and Information Technology Management} through Online mode from the academic session 2024-25.
3. **Online mentoring session of one hour per week and Programme-wise Orientation Programmes** were organized for the students of all ODL and Online programmes.
4. For the admitted students, the Centre for Distance and Online Education organizes **Personal Contact Programmes (PCPs)** during which the teachers of parent departments and the Programme Coordinators take classes and satisfy the queries of the students of DDE for ODL and Online programmes.
5. The Centre for Distance and Online Education has started **05 new Diploma and Certificate courses** namely **Diploma/Certificate in Computer Application (DCA), Diploma/Certificate in Food Quality Assurance (DFQA), Certificate in Video Film Production (CVFP) and Diploma in Solid and Hazardous Waste Management (DSHWM)** through Open and Distance Learning (ODL) mode from the session 2023-24.
6. The Centre for Distance and Online Education is at present offering **09 jobs oriented UG/PG Programmes and 05 Diploma/ Certificate Programmes** (ODL mode) including **MBA and B.Com. (Online Mode)** which are approved by the UGC (DEB).

Administrative Staff details

Dy. Registrar	- 01
Asstt. Registrar	- 01
Supdt.	- 02
Hindi Officer	- 01
Assistant	- 05 (Regular – 03, On Superannuation basis – 02)
Clerk	- 14 (Regular – 03, On contract basis – 11)
Lab Attendant	- 01 (On contract basis)
Storekeeper	- 01
Programmer	- 02 (Regular – 01, On contract basis - 01)
Peon	- 04 (Regular – 01, On contract basis – 03)

List of Study Centre for 2023-24 session

Sr. No.	S/Cs Code	Study Centres Name	Programmes
1.	4102	Maharani Lakshmi Bai College, Balsmand Road, Bhiwani Rohilla, Hisar. Mob.94160-44471, 82953-44449 Email: principalm11@gmail.com	B.A., B. Com., M.Com. and M.Sc. (Maths)
2.	4103	Guru Dronacharya Girls College, Mandi Adampur, Hisar, Haryana- 125052 Mob. No. 9728101040, 9466148484, 9034557257 Email: info.gdgc@gmail.com	B.A., B. Com.
3.	4104	Asha Girls College, Panihar Chack, Hisar Mob. No. 9215547280, 9416547280 Email: Principalagc@gmail.com	B.A., B.Com.
4.	4107	ODM College for Women 12 km. Stone, Hisar-Rajgarh Road, NH-52, Muklan, Hisar- 125004 Mob.No. 9215515131, 9315515131 Email: odmcollegehisar@gmail.com	B.A, B.Com., B.A.(Mass Communication), M.Com. and M.Sc. (Maths)

CHAPTER-12

Internal Quality Assurance Cell

Annual Report 2023-24 (01.07.2023 to 30.06.2024)

Sr. No.	Description
1.	The 11 th meeting of the IQAC was held on 27/01/2023 under the Chairmanship of the Hon'ble Vice chancellor.
2.	The University has been ranked 47 th in the 'State Government University' Category in NIRF- India Rankings 2024.
3.	The University has been ranked 101-150 Rank Band in the NIRF Rankings 2024 under 'University' Category.
4.	The University has been ranked 55 th Rank in the NIRF Rankings 2024 under 'Pharmacy' Category.
5.	The University was ranked 101-125 th Rank Band in the NIRF Rankings 2024 in the 'Management' Category.
6.	The University has been ranked 1201-1500 Rank Band in the Times Higher Education World University Rankings 2024.
7.	The University has been ranked 1001+ Rank Band in the 'Physical Science' subject category rankings by the Times Higher Education World University Rankings 2024.
8.	The University has been ranked 501-600 Rank Band in the 'Asia University Rankings' category rankings by the Times Higher Education World University Rankings 2024.
9.	The University has been ranked 810-1000 rank band in 'Engineering' subject category in the Times Higher Education World University Rankings 2024 and 43rd position in the Country.
10.	The University has been ranked 401-500 rank band in the world in the 'Young University Rankings' by the Times Higher Education World University Rankings 2024 and 41st place in India.
11.	The University has been Granted Graded Autonomous of Category-II by UGC.
12.	The University has been ranked 409th in the World in 'World's Most Sustainable University' in 2023 in UI GreenMetric World University Rankings by Jakarta Indonesia.
13.	The University has been ranked 1045th Rank, Grade 'A' and Band 'GOLD' in the Global University (GU) Rankings (London) in 2023 and 26th Rank in India in University (GU) Rankings (London) in 2023

CHAPTER-13

Office of the Dean International Affairs List of Foreign Students

List of Ph.D Foreign Students 2024

Sr. No.	Name	F/Name	Registration Date	Country	Deptt. Course & duration	Gender	Date of Birth
1	Bahareh Dabaghiannej Ad	Abdolaziz	190150090002	Iran	M.Tech. ECE, Gjust, Hisar Ph.D (EEE) (2+4)	Female	10.05.1982
2	Solomon	Shiferaw Hurisa	190060090010	Ethiopia	Maths, Gjust, Hisar Ph.D (4 Years)	Male	25.08.1990
3	Getu	Getu Endale	190070090119	Ethiopia	Physics, Gjust, Hisar Ph.D (4 Years)	Male	20.06.1992
4	Tilahun Kidane	Kidane Diko	190100090170	Ethiopia	HSB Gjust, Hisar Ph.D (4 Years)	Male	15.06.1986
5	Tesfaye Mokonnen	Mokonnen Sifan	190100090169	Ethiopia	HSB, Gjust, Hisar Ph.D (4 Years)	Male	23.10.1983
6	Solomon	Zerfu	210060090101	Ethiopia	Maths, Gjust, Hisar Ph.D (4 Years)	Male	13.01.1989
7	Sevika Dhakal	Dhakal	220101010060	Nepal	MBA Ph.D (2 Years)	Female	04.12.2000

List of MoUs

Sr. No.	Name of University/ Institution/ Industry	Purpose of MoU	Date of Execution	Date of Expiry	National	Inter-national
1.	Lala Lajpat Rai University of Animal and veterinary Sciences	Mutual interest in the field of research, development, education, training, transfer of technology and dissemination of knowledge	25/04/2024	24/04/2029	University	National
2.	Institute of Genetics and Plant Experimental Biology, Uzbekistan	To exploit the complementary nature of the strengths of research, training and enterprise on the basis of equality and to focus primarily on collaborative research, faculty exchange and curriculum development	27.10.2023	26.10.2028		Inter-national
3.	Wisdom of Mind Institute of mindfulness and behavioural study, Siwani Distt. Bhiwani, Haryana	Mutual interest in the field of research, development, education, training, transfer of technology and dissemination of knowledge	12.10.2023	11.10.2028	NGO	
4.	Green Earth – Organization for environment, Health, Safety & Sanitation, Kurukshetra	Attaining & sustaining clean green pollution free university campus and protection & Conservation of Environment	06.10.2023	05.10.2026 and may further be extended upto 3 to 5 years	NGO	
5.	MSME Technology Centre Rohtak (Ministry of MEME, GOI)	Skill development, outcome based training, placement and related services	01.08.2023	31.07.2028	Institute	
6.	Kamlabai Education & Charitable Trust, Mumbai	Cooperate and focus their effort on cooperation within the area	20.07.2023	19.07.2028	NGO	

		of skill development, training, Placement, education and Research & Development services				
7.	Nanyang Polytechnic International, Singapore	Capabilities and capacity development with the leadership program for the senior representatives and a ToT (train-the-trainers program) for the mid-level or specialist staff [GJU is Partner Institute of MoU between Government of Haryana and Nanyang Polytechnic International, Singapore]	22 Jan, 2022	Unbounded [May be terminated anytime by mutual consent]		Inter-national
8.	Aadhar Health Institute, Hisar	Promotion of research, industrial training, internships, skill up gradation programs, placement of students in industry/ hospital	27 Jan, 2022	26 Jan, 2027	Corporate Sector	
9.	CMC Hospital (Unit of Progressive Medical Care & Research Centre Pvt. Ltd) Delhi Road Hisar	Promotion of research, industrial training, internships, skill up gradation programs, placement of students in industry/ hospital	27 Jan, 2022	26 Jan, 2027	Corporate sector	
10.	National Highway Authority of India	Mutual cooperation for dissemination of respective expertise in civil/ highways engineering field through the road infrastructure development	20 Dec, 2022	19 Dec, 2027	Corporate sector	
11.	Chaudhary Charan Singh Haryana Agricultural University, Hisar	Academic and Research Collaboration	27 June, 2022	Unbounded [May be terminated anytime by mutual consent]	National In institution	
12.	Amar Ujala Foundation, Connaught Place, New Delhi	Cooperation and promotion of education and provide the scholarship to the topper student of Mass Communication	27 June, 2022	26 June, 2027	Corporates sector	
13.	Chaudhary Devi Lal University, Sirsa, India	Providing Online Admission and Registration Software to CDLU, Sirsa	8 Mar,2021	Unbounded [May be terminated anytime by mutual consent]	University	
14.	Jindal Stainless (Hisar) Limited, Hisar, India	Promotion of education and research collaboration for skill development, outcome-based training placement, R&D services and related services	19 Feb,2021	19 Feb,2026 Extendable by another 5 years	Industry	
15.	CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI)	Academic and Research Collaboration	2 Nov. 2021	Unbounded [May be terminated anytime by mutual consent]	National Institution	
16.	Chimique (India) Limited, Siwani Mandi.	For Skill Development. Outcome Based Training,	22 Oct,2021	Unbounded [May be	Industry	

	District Bhiwani	Placement, R&D Services and Related Services		terminated anytime by mutual consent]		
17.	ICAR-Central Institute for Cotton Research, Nagpur	Academic and Research Collaboration	7 Sept, 2021	6 Sept, 2026	Institute	
18.	Haryana Space Application Centre, Hisar (HARSAC)	For smooth conducting of M.Tech. (Geo-informatics)	20 July, 2021	19 July, 2026	National Institution	
19.	VEWA-Handelsgesellschaft mBH, Eislingen, Germany	Technological upgradation and commercialization of sanitization system developed by GJUST	8 Apr, 2021	8 Apr, 2026 Extendable by another 5 years		Inter-national
20.	All India Council for Technical Education (AICTE), New Delhi, India	Academic co-operation to conduct training for faculty members to prepare them being successful in a knowledge society	17 Sep, 2020	17 Sep, 2025	Educational	
21.	M/s Deepleeds Innovation Private Limited, Navi Mumbai (Maharashtra)	Academic and Research Collaboration for innovative product development and skill development of GJUST students in the area of AI, Machine Learning, and IOT Product development	3 Feb, 2020	Unbounded [May be terminated anytime by mutual consent]	Industry	
22.	M/s Preltex Solutions Private Limited, Hisar, India	Academic and Research Collaboration for innovative product development and skill development of GJUST students in the area of electronics design and automation	3 Feb, 2020	Unbounded [May be terminated anytime by mutual consent]	Industry	
23.	M/s Bug2Debug, Hisar, India	Academic and Research Collaboration for the development of innovative product and promotion of startup ideas on the topic "Sanjeevani"	3 Feb, 2020	Unbounded [May be terminated anytime by mutual consent]	Industry	
24.	M/s ActFuse, Noida, India	Academic and Research Collaboration for the development of innovative product and promotion of startup ideas in the area of IOT based system	3 Feb, 2020	Unbounded [May be terminated anytime by mutual consent]	Industry	
25.	M/s MTAB Technology Center Private Limited, Chennai, India	Academic and Research Co-operation for conducting skill development training for the students of GJUST in area of Robotics	3 Feb, 2020	Unbounded [May be terminated anytime by mutual consent]	Industry	
26.	ICAR-National Research Centre on Equine, Hisar, India	Academic and Research Collaboration	5 Dec, 2019	4 Dec, 2024	Research Institute	
27.	University of Guelph, Guelph, Ontario, Canada	Academic and Research Co-operation in the areas of Biotechnology, Nanotechnology, Environmental Science, Food Technology, Engineering,	29 Nov, 2019	Unbounded [May be terminated anytime by mutual consent]		Inter-national

		Humanities and Social Sciences				
28.	Shri Vishwakarma Skill University, Dudhola, Palwal	Academic and Research Collaboration	28Nov, 2019	28 Nov, 2024	Education	
29.	FAIR Quality Institute (FQI), Mundka, New Delhi	Academic and Research Participation in the area of Food Technology	16 Feb,2018	Unbounded [May be terminated anytime by mutual consent]	Corporate sector	
30.	TCG Life Sciences, Kolkata	Collaborative Research Programs and registration of TCG sponsored candidates to Ph.D. Programs	7 Oct, 2018	Unbounded [May be terminated anytime by mutual consent]	Industry	
31.	Hanyang University Seoul, South Korea	Promotion of Collaborative Research and Academic Exchange	16 Mar, 2017	Unbounded [May be terminated anytime by mutual consent]	Institute	Inter-national
32.	Technical University of Cartagena, Cartagena, Spain	Promotion of Collaborative Research and Academic Exchange	02 Feb, 2017	Unbounded [May be terminated anytime by mutual consent]	Institute	Inter-national
33.	Wolkite University (WKU), SNNPR, Ethiopia	Ph.D. studentships to the staff / students of WKU for pursuing Doctoral Degree in the areas of Biotechnology, Management, Physics, Chemistry and Mathematics	2 May, 2017	1 May, 2022 Extendable further by mutual consent		Inter-national
34.	Cairo University, Cairo, Egypt	Promotion of Collaborative Research and Academic Exchange	9 Nov, 2016	Unbounded [May be terminated anytime by mutual consent]	Institute	Inter-national
35.	Reed Exhibition (Shanghai) Ltd, China	Training of GJUST students in in cutting edge packaging and printing machine	16 Sept,2015	Unbounded [May be terminated anytime by mutual consent]		Inter-national Institute
36.	Centre of Innovative and Applied Bioprocessing (CIAB), Mohali, Punjab	Academic and Research Collaboration registration of CIAB sponsored candidates for Ph.D. Degree in the area of Food Science and Biotechnology	10 Feb,2014	Unbounded [May be terminated anytime by mutual consent]	Research Institute	
37.	ICAR- National Research Centre on Plant Biotechnology	Academic & Research Cooperation and students training in the areas of Plant Molecular Biology, Bioinformatics, Genomics etc.	25 Oct, 2013	Unbounded [May be terminated anytime by mutual consent]	Research Institute	

38.	National Agri- Food Biotechnology Institute, Mohali, Punjab	Academic and Research Collaboration	29 Mar, 2011	Unbounded [May be terminated anytime by mutual consent]	Research Institute	
39.	Moscow State University of Printing Arts, Moscow, Russia	Educational and scientific cooperation, for promotion mutual understanding and academic, cultural scientific and personal exchange in the domain of Print and Media Technology as well as allied discipline	28 Oct,2010	Unbounded [May be terminated anytime by mutual consent]		Inter-national
40.	Centre for Plant Biotechnology, Hisar	Academic and Research Cooperation	18 Jun,2009	Unbounded [May be terminated anytime by mutual consent]	Research Institute	
41.	The George Washington University, Washington DC, USA	Promotion of research, training and extensions in the disciplines of Bioinformatics, Food Biotechnology, Agricultural Biotechnology, Nano Science & Technology, and Pharmaceutical Science	24 Jul, 2007	Unbounded [May be terminated anytime by mutual consent]		Inter-national
42.	University of Maryland, USA	Promotion of Research & Extensions	24 Jul, 2007	Unbounded [May be terminated anytime by mutual consent]		Inter-national
43.	The University of Manitoba, Winnipeg, Manitoba, Canada	Educational & Academic Exchange Programs	12 Feb, 2006	Unbounded [May be terminated anytime by mutual consent]		Inter-national

CHAPTER-14

UGC - MALAVIYA MISSION TEACHER TRAINING CENTRE

I. Name : UGC - Malaviya Mission Teacher Training Centre

II. Year of establishment : 2009

III.

- a. **Vision:** To Facilitate Human Devolvment and Professional Excellence in Academics.
- b. **Mission:** To equip and enrich the participants with requisite professional and personal skills to make them grow as excellent human beings for their best possible contribution in personal, professional and societal domain
- c. **Objectives of the Department:**
 - i. To make themselves as an agent of socio economic changes and put them in centre stage of national development.
 - ii. To focus on broad understanding of various subjects with recent global trends and developments.
 - iii. To develop teachers; creative, knowledgeable, dynamic and expressive having the sense of psychological attributes.

IV. Course (s) offered in HRDC:

Sr. No.	Course Title	Programme conducted
1.	NEP Orientation & Sensitization Programme	07
2.	Faculty Induction Programmes	00
3.	Subject Refresher Programme	01
4.	Interdisciplinary Refresher Programme	04
5.	Short Term Courses (Teachers)	01
6.	Short Term Courses (Non-Academic Staff)	00
7.	Short Term Courses (Research Scholars)	02
8.	Summer/Winter School	00
9.	RUSA Sponsored Short Term Programme (Faculty and Research Scholars)	00
10.	Webinars	00
11.	Professional Development Programme for Non-Teaching Staff under State Training Policy	02

V. Faculty Detail:

(Attach a list of the Faculty along with their qualifications and their experience)

Professor		Associate Professor		Assistant Professor	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
0	0	1	1	1	1

Sr. No.	Name	Designation	Qualification	Experience (Yrs)	UID	PAN	H-Index
1.	Prof. Neeraj Dilbaghi	Director (20.03.2023 to 19.03.2024)	Ph. D.	> 26	3296-6850-7693	ACVP D6107 G	58
2.	Prof. Sunita Rani	20.03.2024 to till date	Ph. D.	>24	7456-0117-3317	AIAPB 9846R	6
3.	Prof. Vandana Punia	Professor	Ph. D.	> 22	5616-0826-2893	AMQP P36120	7
4.	Mr. Anurag Sangwan	Assistant Professor	M. Tech., Ph.D.* (Thesis Submitted)	>10	7424-9127-8833	AQDP A3189 K	4

VI. Office Staff Detail:

Position/Designation	In Position Strength
Librarian/Technician	1 (Filled)
Clerk	1 (Transferred from University)
Clerk	1 (HKRN)
Hostel Attendant	1 (Filled)
Peon	1 (Transferred from University)

VII. Participant's Detail in the programmes of MMTTC:

a. Participant's Detail in respect of Faculty Induction Programmes:

Sr. No.	Course Title	Duration	Total Number

b) Participant's Detail in respect of Faculty Induction NEP-OSP Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	NEP OSP - 1	13.12.2023 to 21.12.2023	53
2.	NEP OSP - 2	15.01.2024 to 24.01.2024	53
3.	NEP OSP - 3	19.02.2024 to 28.02.2024	39
4.	NEP OSP - 4	11.03.2024 to 20.03.2024	30
5.	NEP OSP - 5	23.04.2024 to 02.05.2024	57
6.	NEP OSP - 6	07.05.2024 to 16.05.2024	27
7.	NEP OSP- 7	21.05.2024 to 30.05.2024	31

c) Participant's Detail in respect of Subject Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Business Studies (Commerce, Economics, Management & Tourism)	24.06.2024 to 06.07.2024	36

d) Participant's Detail in respect of Interdisciplinary Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Environment Studies (ID)	03.07.2023 to 15.07.2023	17
2.	Research Methodology & Data Analysis (ID)	14.09.2023 to 27.09.2023	24

3.	Blended Mode of Teaching & Learning	16.11.2023 to 29.11.2023	32
4.	Research Methodology for Social Sciences” (ID)	10.06.2024 to 22.06.2024	56

e) Participant’s Detail in respect of Short Term Courses (Teachers):

Sr. No.	Course Title	Duration	Total Number
1.	e-Content Development & Online Pedagogy	03.08.2023 to 09.08.2023	28

f) Participant’s Detail in respect of Short Term Courses (Non-Academic Staff): Nil.

g) Participant’s Detail in respect of Short Term Courses (Research Scholars):

Sr. No.	Course Title	Duration	Total Number
1.	IP for Research Scholars	08.02.2024 to 14.02.2024	35
2.	IP for Research Scholars	03.06.2024 to 08.06.2024	30

h) Participant’s detail in respect of RUSA sponsored Short Term Programmes (Faculty & Research Scholars) : Nil.

i) Participant’s detail in respect of Webinars : Nil.

VIII. Research Scholars: Not Applicable

IX. Sponsored Research/Consultancy Project:

Prof. Vandana Punia

- Presently working as Co-Director in ICSSR sponsored Major Research Project (MRP) entitled Exploring the Effectiveness of Flipped Classroom Approach on Self-Regulated Learning and Achievement Motivation at Prospective Teachers Level (Amount sanctioned Rs. 4,00,000/- vide F.N..02/18/2021-2022/ICSSR/MJ/RP dated 27-04-2021).
- Mentored Open Educational Resource (OER) entitled “Cyber Smart Teacher” under the scheme of Open Education for a Better World mentoring program, organized by University of Nova Gorica and UNESCO Chair on Open Technologies for Open Educational Resources (OER) and Open Learning at the Jožef Stefan Institute (2023).

X. Number of Publications of the faculty (in Total):

Books	Research Papers		Research Papers		Other Articles
	(International Foreign)	National (Indian)	Referred	Non-Referred	
01	03	02			

XI. Teacher/Faculty wise details of Publication during the period:

a. Books

Type of			Authors	Title	Year of Publication	Publisher
Books	Book Chapter	Monograph				
Edited Book		--	Prof. Vandana Punia	Flipped Classroom: Evolution to Revolution,	2024	Indu Book Service Pvt. Limited, Ghaziabad, Uttar Pradesh -201012

b. Papers

Author/s	Year	Title of Paper	Name of Journal	Vol. & No.	PP.	Publisher	Impact Factor (Thomson Reuter)
Prof. Vandana Punia *Bhal Singh	2023	1.Effect of School Intervention Programme on Nurturing Spiritual Development among School Students with reference to School Assemblies: An Indian Context	Education al Quest- An International Journal of Education and Applied Social Sciences	Vol: 14, Issue 1	1-9	New Delhi Publishers	-Indexed and peer reviewed
Prof. Vandana Punia *Reena Rani * Monika Malik	2023	Flipped Classroom in Teacher Education: A Review Between 2017 and 2022,	Dogo Rangsang Research Journal	Vol.13 , Issue 6, No 11	pp.1 26- 137	DRRJ https://www.journal-dogorangsang.in/index.html	UGC CARE LIST
Poonam Punia*, Anurag Sangwan, Anupma Sangwan and Suman Nain	2023	Readiness, Perception and Concerns of Higher Education Students towards Online Education during COVID-19 Pandemic.	<i>Education and Society</i> ISSN: 2278-6864	3 (II)	316-326	<i>Indian Institute of Education , Pune</i>	-
Anurag Sangwan, Antim, Ashutosh Shrivastava, Sandeep Kumar, Vinod Kumar and Amit Kumar*	2023	Zinc Quinoline Complexes: Solvent Effects on Optical Properties, Charge Transport Study, and OFET Applications	<i>Journal of Material Science: Materials in Electronics</i> eISSN: 1573-482X	34:1727	1-9	Springer	2.8
Anupma SangwanN, Anurag Sangwan, Anju Sangwan and	2024	A two-staged SEM: Artificial Neural Network Approach for Understanding and Predicting the Factors of	<i>Education al Technology Research and Developm</i>	72	1249 - 1286	Springer	3.3

Poonam Punia*		Students' Satisfaction with Emergency Remote Teaching	ent eISSN: 1556-6501				
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XII. Participation in Seminars/Conferences/Workshops and refresher courses etc. during 2022-2023:

- a. Total Number of Seminars/Conferences/Workshops attended by faculty and papers presented: Nil.
- b. International Conferences/Seminar/Workshop: Nil.
- c. National Conferences/Seminar/Workshop:
- d. Regional/ State Level Workshops/Seminars/Conferences:
- e. Total Number of Refresher/Orientation Programmes attended:
 - i. Refresher programmes: 01
 - ii. Orientation Programmes : --
 - iii. MOOC : 01
 - iv. Total : 02
- f. Refresher/Orientation Programmes/MOOC:

Name of the Teacher	Title of Programme	Name of the Host organization	Department	University	Dates
Prof. Vandana Punia	Transforming Distance "Education: The Impact of Open Educational Resources, Learning Design, and MOOCs.in International Conference on Perspectives and Innovation in Open and Distance Learning.	Organized by National Institute of Open Schooling in collaboration with Commonwealth Educational Media Centre for Ashia CEMCA			April 1-3, 2024
Mr. Anurag Sangwan	Two-week Online Interdisciplinary Refresher Course on "Blended Mode of Teaching & Learning"	GJUS&T, Hisar	MMTTC	GJUST, Hisar	16.11.2023 to 29.11.2023

- g. Detail of Academic activities/Professional Activities/Programmes organized in Department/Centre during the year:
 - i. Seminar/Conference/Refresher Programme: Please See Pt VII
 - ii. Extension lecture: --
 - iii. Students/Participant's Tour/ Training programme:
 - iv. Industry Interaction Programme:
 - v. Any Other:

Engagement in capacity building/ Training, outreach activities and research:

- a) Establishment of Advanced Technology Lab
- b) Creation of Innovative Training Programmes
- c) Collaboration with Science and Social Science Bodies along with Humanities and Literature
- d) Access of E resources

- e) Formation of Peer Mentoring Groups for deliberation upon best and effective practices for effective implementation in HRDC
- f) Creation of social media (face book, WhatsApp group, you tube home channel, Blogs)
- g) Organising Colloquium
- h) Group and Panel Discussions
- i) Cultural Evening
- j) Yoga & Meditation exercises
- k) Reflective Sessions
- l) Motivational Climate

XIII. Association with National and State Level Bodies (Give teacher-wise details):

Prof. Vandana Punia:

a. Member of Professional Bodies:

- All India Association of Educational Research (AIER).
- Council for Teacher Education (CTE).
- Editorial Advisory Board, International Journal of Education and Humanities (ISSN:2231-380X)
- Editorial Board, Indian Journal of Psychology & Education (ISSN:2231-1432)
- Editorial Board, International Journal of Education and Management Studies (ISSN:2231-5632)
- Mentor and Developer, A tuition free international Online mentoring programme, Unlock the potential of open education in achieving the UNESCO sustainable development goals (SDG)

b. Member of Academic Bodies of other Institutions:

Outside Expert in PG Board of Under graduate Studies in Education. Chaudhary Ranbir Singh University, Jind	2022	Till Date
Outside Expert in Departmental Level advisory committee and Faculty Level Research Advisory Committee, MS University of Baroda. Vadodra , Gujarat	2021	2023
Outside Expert in PG Board of Studies in Education, MJP, Rohilkhand University, Bareilly. UP.	2021	Till Date
Member Of IQAC as a Alumnus, BPSMV, Khanpur	2021	Till Date

Mr. Anurag Sangwan:

a. Member of Professional Bodies:

- International Association of Engineers (No. 110667)

b. Member of Academic Bodies of other Institutions:

XIV. Detail of Consultancy Work in the Department: Not Applicable

XV. Lectures (other than class) delivered (Give teacher-wise details):

Prof. Vandana Punia:

Type	Topic/Subject	Institution	Dates
Resource person	Faculty Development Program "ABCD OF ONLINE TEACHING	Chandigarh University, Chandigarh	October 10, 2023.
Keynote Speaker	Six Days Faculty Development Programme on Pedagogical Transformation in the context of NEP2020	MM College of Education, Fatehabad	21st August , 2023

Resource Person	Short-Term Course on “Skill and Leadership Development,	HRDC, BPS Khanpur	December, 17, 2023.
Resource Person	One Week Online National Faculty Development Programme How to develop MOOCs?	Teaching Learning Centre under PMMMNMTT Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth (New Delhi)	on February 17, 2023.
Resource Person	Two-Day National Workshop on Curriculum Design Of Integrated Teacher Education Programme (ITEP)	organized by School of Education, CUH, Mahendergarh	June 05-06, 2024.
Keynote Speaker	National Seminar on ‘Paradigm Shift in Education in the Post COVID World’ sponsored by	BCM College of Education, Ludhiana in collaboration with College Development Council, Panjab University, Chandigarh.	on February 21, 2023

XVI. Additional Duties Performed/Positions held in the University (Teacher-wise):

Name of Teacher	Additional Positions	Duration	
		From	To
Prof. Vandana Punia	Research Supervision in Religious Studies	2016	Till Date
	Course Coordinator of National Resource Centre, Subject Refresher Course titled Pedagogical Innovations and Research Methodology, sponsored by MHRD, Government of India	2016	Till Date
	Dean Faculty of Education, GJUS&T, Hisar	2020	Till Date
	University Coordinator of B.Ed. Admission Committee GJUS&T, Hisar	2020	Till Date
	B.A. Programme Coordinator Directorate Distance Education ,GJUS&T, Hisar	2022	Till Date
	Chairperson, Department of Education	2023	Till Date

XVII. Training & Placement Activities: Not Applicable

XVIII. Awards/Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment):

XIX. Any other important Information/Achievement of the Department:

- **UGC-HRDC, GJUS&T, Hisar has recognized as National Resource Centre for Subject Refresher Course titled Pedagogical Innovations and Research Methodology, sponsored by MHRD, Government of India.**
- **After providing rigorous training, UGC-HRDC, GJUS&T, is feeling proud to say that many faculty members had given their contribution in e content generation for ARPIT MOOC Course.**
- **UGC-HRDC, GJUS&T, Hisar its own digital repository of E Resources in form of videos on its website.**
- **UGC-HRDC, GJUS&T, Hisar has started its own Blog: Titled as “THE INSPPIRATIONS”. <https://hrdcascgju.blogspot.com/>.**

ANNEXURE

UGC - MALAVIYA MISSION TEACHER TRAINING CENTRE

- I. Total no. of Research Papers published:
 - a. National: 02
 - b. International: 03
- II. Total no. of Funded Research Projects:
 - a. Completed: -
 - b. On Going: 02
- III. Total no. of Participated and Contributed Research Papers in Seminars & Conferences:
 - a. National Level: -
 - b. International Level: -
- IV. Total no. of Books/Chapter/Manuals Published: 01
- V. Number of Scholars completed their Ph.D. degree: Not Applicable
- VI. Total no. of Scholars registered to Ph.D. programme: Not Applicable
- VII. H-Index of the Department/Centre: 75

CHAPTER-15

NATIONAL CADET CORPS (NCC)

I. Name : National Cadet Corps, GJUS&T

II. Year of establishment : 2018

III.

a. About NCC:

NCC in India was conceptualized and raised before independence, mainly with an aim to groom the youth, boys and girls both, nurture them and channelize their energy towards nation building by making them responsible citizens of the country. After independence, the present day NCC came into existence on 16 Apr 1948, through XXXI Act of Parliament. NCC is a voluntary organization which is administered through the Ministry of Defense. NCC was established in the GJUS&T during session 2018-19.

b. Objectives:

The Motto of NCC is “**Unity and Discipline**”. The main objective of NCC is to develop a highly motivated, patriotic, selfless, disciplined and enterprising youth - who is capable of providing leadership in any walk of life for the betterment of the nation. NCC activities are based on certain core values to prove it a responsive, learning and continuously evolving organization. NCC training philosophy is based on the concept “**Empowerment of Youth**” to earn the “**Right to Lead**”. Training methodology consist of Institutional Training, Camp Training, Social Service and Community Development, Personality Development, Competence Assessment/Certificate Examination.

IV. NCC Sub Units: 1. 3 Haryana Girls Bn NCC Hisar (Haryana)
2. 3 Haryana Bn NCC Hisar (Haryana)
3. 1 Haryana Air Sqn. NCC Hisar

V. Faculty Detail:

Sr. No.	Name	Designation	Qualification
1.	Prof Rajiv Kumar	Coordinator	Ph.D
2.	Dr Jaidev Bishnoi	Care Taker Officer	Ph.D
3.	Dr Kavita Bahmani	Care Taker Officer	Ph.D

VI. Office Staff Detail:

Sr. No.	Name	Designation	Qualification
1.	Ms. Manisha	Sr. Instructor	Post-Graduation
2.	Mr. Raj Kamal	Clerk	Post-Graduation
3.	Sh. Jagmohan	Peon	12 th

VIII. Enrollment Details of Cadets:

1. Enrolment of Army Girls in the session 2023-24:

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR/23/SWA/2577613	CDT	Annu	Hoshiyar Singh	Saroj bala
2	HAR/23/SWA/2577614	CDT	Manju	Prabhu Singh	Rajbala
3	HAR/23/SWA/2577615	CDT	Tanu	Anil	Suman

4	HAR/23/SWA/2577616	CDT	Ashta	Mohinder Singh	Bhateri Rani
5	HAR/23/SWA/2577617	LCPL	Annu	Joginder	Saroj
6.	HAR/23/SWA/2577618	CDT	Anchal	Manoj kumar	Neelam devi
7	HAR/23/SWA/2577619	CDT	Nisha	Ramphal	Krishna Devi
8	HAR/23/SWA/2577620	CDT	Tamana	Rajbir Singh	Sunil Devi
9	HAR/23/SWA/2577621	CDT	Nikita	Mukesh Kumar Saini	Suman Rani
10	HAR/23/SWA/2577622	CDT	Rabina	Kamal Singh	Nirmala
11	HAR/23/SWA/2577623	CDT	Menka	Vijaypal	Kavita
12	HAR/23/SWA/2577624	CDT	Jyoti	Krishan Kumar	Ramrati
13	HAR/23/SWA/2577625	CDT	Lalita Bai	Chander Bhan	Poonam
14	HAR/23/SWA/2577626	CDT	Sonal	Ramniwas	Bimla
15	HAR/23/SWA/2577627	CDT	Deepika	Amarjeet	Sumantra

2. Enrolment of Air Wing (Boys & Girls) in the session 2023-2024 :

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR23SDF268776	CDT	Ankit Singh Reddu	Ramphal Singh	Krishna Devi
2	HAR21SDF268777	CDT	Abhijeet Singh	Ajay Singh Shekhawat	Monika Kanwar
3	HAR21SDF268778	CDT	Shubham	Anil	Sheela
4	HAR21SWF268779	CDT	Manya	Sh. Sukhbir Singh	Smt. Vijay Malik

VII. PASS OUT CADETS DETAILS IN THE SESSION 2023-24:

Air Wing (Boys & Girls)

Sr. No	NCC No.	Rank	Name	Father's Name	Result
1	HAR21SDF268779	CDT	Deepak	Shri bhagwan	C Certificate
2	HAR21SWF268780	CDT	Sweta chahal	Suresh Kumar	C Certificate
3	HAR21SWF268781	CDT	Harshita Verma	Joginder singh	C Certificate

Army Wing (Girls)

Sr. No	NCC No.	Rank	Name	Father's Name	Result
1	HAR/21/SWA/257775	SGT	Ritu	Hanuman Singh	C Certificate
2	HAR/21/SWA/257776	CPL	Divya Panghal	Jai Singh Panghal	C Certificate
3	HAR/21/SWA/257777	CPL	Sakshi Poonia	Jaghinder Singh	C Certificate
4	HAR/21/SWA/257778	SGT	Prerna	Randhir	C Certificate
5	HAR/21/SWA/257779	CPL	Kalpna	Satbir Singh	C Certificate
6.	HAR/21/SWA/257780	SUO	Laxmi	Wazir	C Certificate
7	HAR/21/SWA/257781	SGT	Nikita	Bijender Singh	C Certificate
8	HAR/21/SWA/257782	SGT	Poonam	Rajender Singh	C Certificate
9	HAR/21/SWA/257783	CPL	Sonia	Ashok	C Certificate
10	HAR/21/SWA/257784	CPL	Himanshi	Devender Singh	C Certificate
11	HAR/21/SWA/257785	CPL	Mahak	Satish	C Certificate
12	HAR/21/SWA/257786	SGT	Ghanisha Rani	Baljeet Singh	C Certificate

13	HAR/21/SWA/257787	SUO	Anu Yadav	Dharambir Yadav	C Certificate
14	HAR/21/SWA/257788	CPL	Prachi	Shriram	C Certificate
15	HAR/21/SWA/257789	UO	Kumud	Pankaj Kumar	C Certificate
16	HAR/21/SWA/257790	CPL	Ritu	Dalip Singh	C Certificate
17	HAR/21/SWA/257791	CPL	Swati	Dhan Raj	C Certificate
18	HAR/21/SWA/257792	CPL	Sakshi	Mukesh	C Certificate
19	HAR/21/SWA/257793	CPL	Palak	Mahtab Singh	C Certificate
20	HAR/21/SWA/257794	CPL	Mehak	Rajesh Kumar	C Certificate
21	HAR/21/SWA/257795	CPL	Priya	Rajbir	C Certificate
22	HAR/21/SWA/257796	CPL	Rinku	Balbir	C Certificate
23	HAR/21/SWA/257797	CPL	Dimple	Bajrang	C Certificate
24	HAR/21/SWA/257798	CPL	Somvati	Jagdish	C Certificate

Army Wing (Boys)

Sr. No	Regiment no.	Rank	Name	Father's Name	Result
1.	HAR/21/SDA/255607	CDT	Mohit	Anil	C Certificate
2.	HAR/21/SDA/255608	CDT	Yuvraj Nain	Kamaldeep	C Certificate
3.	HAR/21/SDA/255610	SGT	Siddhant	Nagender	C Certificate
4.	HAR/21/SDA/255611	SUO	Mohit	Raj Kumar	C Certificate
5.	HAR/21/SDA/255612	CDT	Ritesh Yadav	Yogender Singh	C Certificate
6.	HAR/21/SDA/255615	UO	Veer Kumar	Mahipal	C Certificate
7.	HAR/21/SDA/255616	CDT	Hritik Sharma	Badrinath	C Certificate
8.	HAR/21/SDA/255618	CDT	Ayush Sharma	Rakesh Kumar	C Certificate
9.	HAR/21/SDA/255619	LCPL	Deepak Kumar	Anil Kumar	C Certificate
10.	HAR/21/SDA/255620	CDT	Gaurav Kumar	Krishan	C Certificate

VIII. NCC AS GENERAL ELECTIVE CREDIT COURSE

GJUS&T has implemented the NCC as General Elective Credit Course in the syllabus of UG programmes (B.Tech.) from academic session 2021-22.

GJUS&T is the 1st Technical University to implement the scheme and syllabi of NCC as Additional/Optional Course for all the B.Tech. Programme as per NEP 2020 under CBCS from academic session 2021-22 designed by HQs DG NCC.

NCC Course consisted of 24 Credits (08 credits for theory, 6 credits for practical and 10 credits for two annual training camps) in total for 6 Semesters. This scheme is applicable for the students who enrolled in NCC.

GJUS&T also implemented scheme and syllabi of two Open Elective Courses related to NCC for all the students B.Tech. Programme from academic session 2021-22:

- National Cadet Corps (OE-NCC-391-T); 5th Semester
- Disaster Management (OE-NCC-392-T); 6th Semester

IX. Detail of Academic activities/Professional Activities/in Department/Centre during the year

Sr. No	Name of Activity	Venue/Date	Cadet Participated
1.	Combined Annual Training Camp (Army Girls)	GJU/05.07.2023 - 14.07.2023	24
2.	Kargil Vijay Diwas	CRS Auditorium GJU/26.07.2023	200
3.	Independence Day	Maharana Pratap Stadium GJU/15.08.2023	40
4.	Poster Making Competition	HSB, GJU/29.09.2023	40
5.	Annual Training Camp (Army Boys)	E5,School,Garhi,Hansi/04.10.2023 - 13.10.2023	10
6.	Annual Training Camp (Air Wing)	Sangam School, Tosham/11.10.2023 - 20.10.2023	07
7.	Combined Annual Training Camp (Army Girls)	E5,School,Garhi,Hansi/16.10.2023 - 24.10.2023	09
8.	Army Attachment Camp (Army Girls)	Ambala/16.10.2023 - 27.10.2023	01
9.	Obstacle Training	Maharana Pratap Stadium GJU/20.11.2023	45
10.	SSB Super 30 Camp	NCC, Academy, Ropar/22.11.2023 - 05.12.2023	01
11.	Quiz Competition	Online/29.11.2023	35
12.	Motivational Lecture (Commanding Officer)	HSB/13.01.2024	45
13.	Republic Day	GJU/26.01.2024	55
14.	Weapon Display Camp	Army Cantt, Hisar/23.02.2024	36
15.	South Western Command Investiture Ceremony	Army Cantt, Hisar/24.02.2024	17
16.	Intensified Pulse Polio Immunization Campaign	Civil Hospital Hisar/03.03.2024 - 05.03.2024	05
17.	Sports Meet	Maharana Pratap Stadium GJU/22.03.2024	35
18.	Motivational Seminar	SSB Club GJU/16.04.2024	15
19.	Annual Training Camp (Army Girls)	St. Joseph School/02.06.2024 - 11.06.2024	15
20.	International Yoga Day	HSB,GJU/ 21.06.2024	25

CHAPTER-16
DIRECTORATE OF SPORTS

NORTH-EAST ZONE INTER UNIVERSITY PARTICIPATION CHAMPIONSHIP-2023-24			
Sr. No.	Name of Event	Place	Results
1	NS Kanaddi (M)	North Zone Inter University NS Kabaddi (Men) Championship held at Guru Kashi University, Bhtinda from 19th to 22nd OCT. 2023	Participation
2	Volleyball (W)	North Zone Inter University Volleyball (Women) Championship held at University of Kashmir, Hazrat Bal, ShriNagar, Kashmir from 30 Oct to 03Nov. 2023	Participation
3	Wrestling FS (M)	North Zone Inter University Wrestling FS (M) Championship held at MDU Rohtak from 17 Nov 2023 to 18 Nov 2023.	Shikander -70 kg, Ankit-74 kg, Ravi-79 kg & Rahul Lohan -97 kg - qualified for AIIU
4	Wrestling GR (M)	North Zone Inter University Wrestling GR (M) Championship held at MDU Rohtak from 23 Nov 2023 to 24 Nov 2023.	Rahul-60kg, Kawant Singh-82 kg, Yashveer-97 kg & Shubham-77 kg qualified for AIIU
5	Football (W)	North Zome Inter University Football (W) Tournament held at Himachal University, Shimla, Vallabh Govt. College Mandi Distt- Mandi Himachal Pardesh from 01-12-2023 to 07-12-2023	Team Secured – 1st position & Won Gold Medal and qualified for AIIU
6	Wrestling (W)	North Zone Inter University Wrestling (W) Championship held at Chandigarh University, Mohali (PB) from 04 Dec 2023 to 05 Dec 2023.	Alka-50 kg, Krishma-55kg, Pooja Rani-57 kg, Annu-59 Kg, Simran-62 kg, Sakshi-65 kg, Sanju Devi-72 kg & Diksha -76 kg Qualified for AIIU.
7	Football (M)	North-West Zone Inter University Football (Men) Championship held at GNA University, Phagwara from 18 to 26 Dec. 2023	Participation
8	Yogasana (M&W)	NZ Inter University Yoga (M&W) Championship held at KIIT University, Bhubneshwar from 21 to 29, Dec. 2023	Team Qualified AIIU
9	Archery (M&W)	NZ Inter University Archery (Men/Women) Championship held at Panjabi University, Patiala from 23 to 26 Dec. 2023	Mixed team 3 position and Team qualified for AIIU
10	Athletics (M&W)	NZ Inter University Athletics (M&W) Championship held at Kalinga Inst. Of Industrial Technology, Bhubaneswar, Odisha from 26-12-2023 to 29-12-202	Team qualified for AIIU
11	Shooting (M&W)	North Zone Inter University Shooting (M&W) Tournament helad KUK from 27-12-2023 to 01-01-2024	Team qualified for AIIU
12	Taekwondo (W)	North Zone Inter University Taekwodo (W) chmpionship hela at LPU Jalandhar from 26-12-2023 to 28-12-2023	Team qualified for AIIU
13	Judo (W)	NZ inter University Judo (Women) championship held at CSJM University Kanpur from 31-12-2023 to 02-01-2024	Team qualified for AIIU
14	Judo (M)	NZ inter University Judo (Men) championship held at CSJM University Kanpur from 04-01-2024 to 06-01-2024	Team qualified for AIIU
15	Boxing (W)	North-East Zone Boxing (Women) Championship held at Lovely Professional University, Jalandhar Grand Trunk Road Phagwara, Punjab from 14-01-2024 to 18-01-2024	Participation
16	Cricket (M)	North Zone Inter University Cricket (Men) Tournament held at Shri Jagdishprasad Jhabarmal	Participation

		Tibrewals University Chudela, Jhunjhunu, Rajasthan from 29-01-2024 to 10-02-2024	
17	Karate (M&W)	Norh Zone Inter University Karate (M&W) Tournament held at Punjab University Chandigarh from 10-03-2024 to 15-03-2024	Team qualified for AIIU

DIRECTORATE OF SPORTS			
ALL INDIA INTER UNIVERSITY PARTICIPATION CHAMPIONSHIP-2023-24			
Sr. No	Name of Event	Place	Results
18	Wrestling (W)	All India Inter University Wrestling (W) Championship held at Chandigarh University, Mohali from 04.12.2023 to 05.12.2024	Sakshi-65 kg qualified Khelo India Games-2023
19	Wrestling FS(M)	All India Inter Univeristy Wrestling FS (M) Championship held at Chandigarh University Mohali from 06.12.2023 to 08.12.2023	Ankit-74 kg FS qualified Khelo India Games-2023
20	Wrestling GR (M)	All India Inter University Wrestling GR (M) Championship held at Chandigarh University Mohali from 04.12.2023 to 05.12.2023	Yashver-97 kg GR qualified Khelo India Games-2023
21	Boxing (M)	All India Inter University Boxing (Men) Championship held at Chandigarh University, Mohali (PB) from 20-12-2023 to 23-12-2023	Anshul Gill -92 + kg & Parveen Kumar -67to 71 kg qualified Khelo India Games-2023
22	Yogasana (M&W)	ALL India Inter University Yoga (M&W) Championship held at KIIT University, Bhuvneshwar from 26 to 29, Dec. 2023	Yogasana Men Team qualified Khelo India Games-2023
23	Archery (M&W)	All Inter University Archery (Men/Women) Championship held at Panjabi University, Patiala from 23 to 31 Dec. 2023	Archery Women Team qualified Khelo India Games-2023
24	Athletics (M)	AIIU Athletics at Tamil Nadu Physical Education and Sports University Chennai from 04-01-2024 to 07-01-2024	Participation
25	Football (W)	All India Inter University Football (W) Tournament held at Vidyasagar University Midapore, West Bengal from 09 to 13 Jan. 2024	Football Women Team – Secured 1st position and won Gold medal and qualified Khelo India Games-2023
26	Taekwando (W)	AIIU Taekwando (W) championship held at SJIT University Jhunjhunu Rajasthan from 09- 01-2024 to 12-01-2024	Participation
27	Shooting (M&W)	AIIU Shooting (M&W) at KUK from 05-02- 2024 to 08-02-2024	Participation
28	Judo (M&W)	AIIU Judo (W) championship held at GNDU, Amritsar, From 07-2-2024 to 08-02-2024	Surender -60 kg, Aarti-63 kg & Sandhya- +78 kg qualified Khelo India Games-2023
29	Karate (M&W)	All India Inter University Karate (M&W) Tournament held at Punjab University Chandigarh from 16-03-2024 to 19-03-2024	Participation
30	Washu (M&W)	AIIU Washu (M&W) Tournament held at University of Jammu, from 13-02-2024 to 17- 02-2024	Participation
31	Boxing (W)	AIIU Boxing (W) championship held at LPU Jalandhar PB. From 18-01-2024 to 24-01-2024	Participation
32	CS Kabaddi	All India Inter University CS Kabaddi (M) Tournament held at CBLU, Bhiwani from 20- 04-2024 to 22-04-2024.	CS Kabaddi Team – Secured 2nd position and won Silver medal

DIRECTORATE OF SPORTS			
KHELO INDIA UNIVERSITY GAMES -2023			
Sr. No	Name of Event	Place	Results
1	Football (W)	Football Ground LNIPE Sonapur, Assam from 18.02.2024 to 27.02.2024	3rd position and won Bronze Medal
2	Wrestling GR (M)	Indira Gandhi Indoor Stadium Kohima, Nagaland from 22.02.2024 to 25.02.2024	Yashveer won Gold Medal 97 kg in Greco Roman
3	Wrestling FS (M)	Indira Gandhi Indoor Stadium Kohima, Nagaland from 22.02.2024 to 25.02.2024	Ankit Won Bronze Medal 74 kg in Free style
3	Archery (W)	Sai Archery Range, North Eastern Hills AP, Maghalaya from 21.02.2024 to 25.02.2024	Team Secured-1st position and won Gold Medal
4	Boxing	Indoor Hall Gangtok, Sikkam, from 25.02.2024 to 29.02.2024	Anshul Gill 92 kg Won Gold Medal

• **Result of Inter College Tournaments (01.7.2023 to 30-06-2024):**

Inter College Game:				
Sr. No.	Game	Date	Venue	Results
1	Football (M&W)	12&13.10.2023	GJUS&T, Hisar	M 1st CRM Jat College, Hisar 2nd UTD 3rd Govt. P.G. College, Hisar.
2	Yoga (M&W)	20.10.23	Govt.College Hansi	M 1st Govt College, Hansi 2nd DN. College, Hisar 3rd Govt PG. College, Hisar W 1st FC College, Hisar 2nd Govt. College, Hansi 3rd Govt. PG Hisar
3	Basketball (M&W)	30&31.10.2023	GJUS&T, Hisar	M 1st UTD 2nd CRM Jat College, Hisar 3rd Govt. PG College, Hisar W 1st Govt. Women College, Hisar 2nd UTD 3rd Govt PG College, Hisar
4	Badminton (M)	30&31.10.2023	GJUS&T, Hisar	M 1st UTD 2nd DN College, Hisar 3rd Govt PG College, Hisar
5	Volleyball (M & W)	09.11.2023	Govt. PG College, Hisar	M 1st FGM College, Adampur 2nd UTD 3rd Govt. PG College, Hisar W 1st CRM Jat College, Hisar 2nd Govt. PG, College, Hisar 3rd DN College, Hisar
6.	Table Tennis (M)	17.11.2023	D. N. College, Hisar	Trial Basis
7.	Handball (M)	22 & 23.11.2023	Govt. PG College, Hisar	Trial Basis
8.	Karate (M&W)	30.11.2023	Govt. College, Hansi	Trial Basis

9.	Shooting (M&W)	11 &12.12.2023	GJUS&T, Hisar	Trial Basis
10.	Cricket (M&W)	11,12&13.12.2023	GJUS&T, Hisar	Trial Basis
11.	Chess (M&W)	14&15.12.2023		Trial Basis
12.	CS Kabaddi (M&W)	01&02.02.2024	GJUS&T, Hisar	Trial Basis
13.	Athletic Meet	27.10.23 to 28.10.23	GJUS&T, Hisar	Trial Basis
14.	Judo (M&W)		GJUS&T, Hisar	Trial Basis
15.	Wrestling (M&W)		GJUS&T, Hisar	Trial Basis
16.	ng (M&W)		GJUS&T, Hisar	Trial Basis
17.	Wushu (M&W)			Trial Basis
18.	Taekwondo (M&W)		Govt. College, Nalwa	Trial Basis
19.	Pencak Silat (M&W)		D.N College, Hisar	Trial Basis
20.	Hockey(M&W)		GJUS&T, Hisar	Trial Basis
21.	NS Kabaddi (M)	17.10.2023	Govt. College, Barwala	Trial Basis
22.	NS Kabaddi (W)	18.10.2023	SDMM, Hansi	Trial Basis
23.	Archery (M&W)	19.10.2023	GJUS&T, Hisar	Trial Basis
24.	NS Kabaddi (M)	17.10.2023	Govt. College, Barwala	Trial Basis

CHAPTER-17

National Service Scheme (NSS)

1. Grow Food, not tobacco (13-07-2023)

The NSS unit of Guru Jambheshwar University of Science and Technology, Hisar, organized a workshop and poster competition titled "Grow food, not tobacco" on 13th July, 2023 under the National No Tobacco Program. The program successfully promoted anti-tobacco awareness and encouraged healthy lifestyle choices among participants.

The chief guest of the program was Professor Sandeep Rana, Director of the Counselling and Welfare Centre of the GJUS&T. Dr. Sachin Sharma and Dr. Pooja Ahuja from NTCP team were the special speakers who highlighted on the harmful effects of tobacco on the lives and health of the youth. Dr. Sachin Sharma from NTCP team shed light on the deadly diseases caused by tobacco use like lung cancer, tooth cancer, stomach cancer, brain cancer. The seminar was presided over by NSS Programme Coordinator Dr. Anju Gupta who gave the welcome address. Keynote speaker, Dr. Vikaspuri assisted the volunteers to take oath for de-addiction and motivated them to eradicate tobacco from the country. NSS program officers of Guru Jambheshwar University of Science and Technology, Dr. Vikramjit Singh, Dr. Sunita Rani, Dr. Lalit Sharma, Dr. Vinita, Dr. Narendra Kumar, Dr. Vikas Jangra, Dr. Kalpana and Dr. Praveen, Dr. Jyoti from Matwarani Lakshmibai College ensured the successful completion of the event. NSS Programme Officer, Dr. Vinita presented the vote of thanks.

Ms. Bhumi from Government P.G. College, Hisar secured first prize, Mr. Lalita from Government P.G. College, Hisar secured second prize and Ms. Komal from F.C College, Hisar secured third prize in the poster making competition. The consolation prize was bagged by Ms. Diksha, student of Economics Department from GJUST and the fifth consolation prize was secured by Sonia from F.C College, Hisar.

2. Mega Plantation Drive (27-07-2023).

A plantation drive was organised under the courtesy of NSS unit of Guru Jambheshwar University, Hisar with the slogan "Aao Ek Naya Nirman Kare, Paido Se Dharti Ka Shringhar Kare". Hon'ble Vice Chancellor Prof. Narsi Ram Bishnoi inaugurated the drive by planting the first sapling. Registrar Prof. Avnish Verma, Technical Advisor Administration Prof. Vinod Chhokar and Technical Advisor HRM Prof. Sandeep Rana also planted saplings. NSS Programme Coordinator, Dr. Anju Gupta, Programme Officers Dr. Vinita, Dr. Sunita Rani, Dr. Narendra Kumar, Dr. Vikas Jangra, Dr. Kalpana, Dr. Lalit Sharma, Executive Engineer Sunil Grover, CSO Maya Ram, NSS clerk staff Mr. Dalbir, Horticulture Advisor Palaram assisted in the successful execution of the drive. Three saplings planted by each volunteer. Total 100 NSS volunteers participated in the plantation drive.

3. Independence Day Parade (15-08-2023)

On August 15, 2023, NSS volunteers from Guru Jambheshwar University actively participated in the Independence Day celebrations, showcasing their patriotism and enthusiasm for the nation. 30 NSS volunteers joined the parade, their disciplined participation added vigour to the parade, symbolizing unity and national pride. NSS volunteers also performed a patriotic dance performance, captivating the audience with their choreography and dedication to celebrating India's independence.

4. Meri Mati Mera Desh (15-08-2024)

National Service Scheme of GJUS&T Hisar organised a campaign "Mera Maati Mera Desh". It is a nationwide initiative aimed at promoting environmental conservation, sustainable development and community engagement across India. Chief guest of this event was Prof. Sanjeev Kumar, Dean of Colleges and former Programme Coordinator, NSS GJUST, Hisar. On this occasion volunteers planted 70 trees in university campus. Dikshu Sangwan student of Chemistry department recited a patriotic poem. A competition was held to recognise social reformers. NSS programme officer, Dr. Vikas Jangra talked about the biography of Hemu

Kalani. The program was held under the guidance of Dr. Anju Gupta Programme Coordinator, NSS and Programme officers Dr. Vineeta, Dr. Sunita, Dr. Kalpana, Dr. Vikramjeet, Dr. Vikas Jangra, Dr. Lalit Kaushik, Dr. Narender Kumar conveyed the seminar.

5. Trial Camp for University Level selection of NSS volunteers for State Level Pre-Republic Day Parade Camp (01-09-2023)

The NSS units of GJUST, Hisar organized a University Level Trial Camp for selection of NSS volunteers for State Level Pre-Republic Day Parade Camp-2023 on 01-09-2023. Total 60 volunteers and officials participated in this trail camp from UTD and Affiliated Colleges. The participation criteria made sure of the height requirements and the level of medical fitness for the parade. They were then precisely evaluated on their parade and command abilities. The camp concluded with the cultural segment of the evaluation focused on Haryanvi folk performances, where volunteers showcased their proficiency in traditional dances and musical presentations rooted in Haryanvi heritage.

6. Cleanliness Drive (14-09-2023)

The NSS unit of Guru Jambheshwar University, Hisar organised a cleanliness drive on 14th September, 2023. Hon'ble Vice Chancellor, Prof. Narsi Ram Bishnoi motivated the volunteers to keep their minds and thoughts clean along with their surroundings while he addressed the cleanliness drive. Teaching Blocks-03, 04 and 06 and cafeteria area was covered in the cleanliness drive. 105 volunteers, 35 gardeners and employees joined hands in the campaign. Programme Coordinator, Dr. Anju Gupta, Programme officers Dr. Vineeta, Dr. Sunita, Dr. Kalpana, Dr. Vikas Jangra, Dr. Lalit Sharma, Dr. Narendra Kumar, Prof. Rakesh Behmani, Prof. Dharmendra, Dr. Somdutt and NSS clerk Dalbir Singh conveyed the drive.

7. State Level Trial Camp for North Zone Pre-RD Trial Camp (20-09-2023)

One-day trial camp on state level for North Zone Pre-Republic Day Parade Trial Camp was organized by the NSS unit of Guru Jambheshwar University of Science and Technology for the selection of NSS volunteers to participate in the Plenary Republic Day Parade Camp (North India). 275 volunteers and 40 programme officers from all the universities and colleges across the Haryana participated in the camp.

NSS volunteers of GJUST conveyed the one-day camp. Registrations were done and refreshment was provided on the arrival of participating volunteers and the programme officers in the morning. The participating volunteers were then tested on their physical abilities. 400 m run and long jump were the marking activities. Their height and weight were valued to check if they pass the physical requirements for the Parade selection. The parade evaluation was done right after where the judges marked the participants on their stance, parade and command. After lunch, the camp concluded with cultural presentation by the volunteers. Talent was represented in the form of cultural dance, music and instrument by all the participants. Regional Director North Zone Shravan Kumar, Ministry of Youth Sports, Government of India, apart from Manoj and Deshraj from New Delhi, Haryana State NSS Officer Dr. Dinesh Kumar from Panchkula were the judges in the selection camp. NSS Programme Coordinator Dr. Anju Gupta, Programme Officers Dr. Vineeta, Dr. Sunita, Dr. Kalpana, Dr. Vikas, Dr. Lalit Sharma and NSS clerk, Dalbir Singh made sure the successful completion of the one-day camp. 40 volunteers were selected in the Haryana state level Republic Day Parade camp.

8. NSS Day Celebration (22-09-2023)

NSS Day was celebrated with great enthusiasm by the NSS unit of Guru Jambheshwar University of Science and Technology (GJU), Hisar. The occasion witnessed the inauguration of the new NSS office and various cultural programs organized by the volunteers. The program commenced with the inauguration the Vice Chancellor, Prof. Narsi Ram Bishnoi signifying a milestone in the organization's journey. The Vice-Chancellor addressed the volunteers, emphasizing the principle of "Not me, but you" in their selfless service. The ceremony was presided over by Professor Yogesh Chhaba, Chairman of Student Welfare, former NSS Programme Coordinators Professor Sandeep Rana and Professor Sujata Sanghi NSS Programme Coordinator Dr. Anju Gupta. The volunteers showcased their talents through

various cultural performances. The cultural programs included poetry recitations by Dikshu and Haryanavi dance performances by Deepanshi and Shubhika. The celebration of NSS Day was a resounding success, highlighting the dedication and commitment of the volunteers towards serving the community. The program conveyers included NSS Programme Officers Dr. Vinita, Dr. Sunita, Dr. Kalpana, Dr. Vikas and Dr. Lalit Sharma.

9. Cultural Visit at Akshardham Temple (30-09-2023)

On September 30, 2023, 45 NSS volunteers participated in a cultural visit to Akshardham Temple with the aim of fostering unity and enhancing team interaction. Participants admired the intricate architecture and serene atmosphere of the Swaminarayan Akshardham Mandir. They immersed themselves in the Hall of Values, a multimedia exhibition showcasing the life and teachings of Swaminarayan, and watched a large-format film highlighting India's cultural heritage. The boat ride through Sanskruti Vihar provided a journey through Indian history and contributions to humanity. In the Garden of India (Bharat Upvan), volunteers enjoyed the serene surroundings and sculptures depicting national figures. They were mesmerized by the synchronized display of water, music, and lights at the Musical Fountain Show and experienced a multimedia show depicting an ancient story of devotion and peace at the Sahaj Anand Water Show. The visit successfully achieved its goals of fostering unity and camaraderie among participants through shared cultural experiences.

10. Cleanliness Drive (01-10-2023)

A cleanliness drive was organised under the courtesy of NSS unit of Guru Jambheshwar University, Hisar under Swachh Bharat Mission, "Swachhata Pakhwada" which aimed at ensuring a clean and hygienic environment in workplaces and surrounding areas. The drive was carried out in the hydroponic garden of adjacent to HSB department in the UTD campus. NSS volunteers diligently cleared litter and plucked out weeds. Significant improvements were observed in the cleanliness and hygiene of the targeted areas. NSS Programme Coordinator, Dr. Anju Gupta, Programme Officers Dr. Sunita Rani, Dr. Narendra Kumar, Dr. Vikas Jangra, Dr. Lalit Sharma and NSS clerk staff Mr. Dalbir joined hands with NSS volunteers, enhancing community involvement and collective responsibility.

11. One Day Orientation Programme for NSS Programme Officers of NSS units of UTD and Affiliated Colleges (18-10-23)

On October 18, 2023, NSS Programme Officers from UTD and affiliated colleges gathered for a one-day orientation programme. The programme aimed to provide a platform for NSS Programme Officers to gain clarity on NSS policies, guidelines, and operational procedures, and discuss and resolve issues hindering effective implementation of NSS projects. The programme included chief guest as Vice Chancellor Prof. Narsi Ram Bishnoi, guest of honour as Registrar Prof. Vinod Chhokar, NSS Programme Coordinator Dr. Anju Gupta and Programme Officers of UTD and affiliated colleges.

The programme commenced by lamp lighting ceremony by the dignitaries followed welcome address by Dr. Anju Gupta, NSS programme coordinator. The guest of honour and the chief guest addressed the gathering and encouraged the programmer officers with their inspiring words. NSS programme officer Dr Vikramjeet Singh shared his experience in the NSS unit of UTD and encouraged the gathering to not get let down by hardships but gather face them head on while putting an emphasis on the duties of a programme officer as per the specified rules. The event featured esteemed NSS alumni, Mr. Nishant Sharma and Ms. Jyoti who shared their experiences, success stories from their time as NSS volunteers. They provided valuable perspectives the impact of NSS activities on their personal and professional development, effective leadership and teamwork in community service initiatives. The programme coordinator, Dr. Anju Gupta held an open dialogue with the programme officers where the participants shared challenges and concerns related to NSS project implementation and management. Strategies were discussed to overcome obstacles and improve effectiveness in leadership roles and emphasis was placed on understanding the strategic objectives and mission of NSS.

The orientation programme concluded with programme officers equipped with enhanced knowledge and practical tools to strengthen NSS initiatives. It fostered a renewed commitment among NSS Programme Officers towards promoting community service and holistic volunteer development through NSS activities.

12. Adventure Camp for NSS Volunteers at Bir Billing (H.P) (20-10-23 to 26-10-23)

NSS Cell of GJUST, Hisar organized an adventure camp at Bir Billing, Himachal Pradesh from 20-10-23 to 26-10-23, Total 35 NSS volunteers of UTD and Affiliated Colleges participated in the adventure camp under the supervision of Mrs. Anju Gupta, Programme Coordinator, NSS, GJUST, Hisar, Mrs. Vinita, Programme Officer, NSS and Mr. Dalbir Singh. During this camp Volunteers participate many adventure activities like, two days tracking up to 12000 ft, rappelling, river crossing, Climbing etc. It was a wonderful and exciting experience for all the volunteers.

13. National Unity Day (31-10-2023)

On 31st October 2023, the National Service Scheme (NSS) volunteers of Guru Jambheshwar University of Science and Technology organized an empowering rally to celebrate National Unity Day to honour Sardar Patel's contributions to the country's unity and integrity.

The rally commenced with an inaugural ceremony where dignitaries, Vice Chancellor Prof. Narsi Ram Bishnoi and NSS Programme Coordinator, Dr. Anju Gupta motivated and encouraged the volunteers through their inspiring speeches, emphasizing the importance of unity in diversity. Total 120 NSS volunteers participated in this rally. Placards with motivational messages along with the volunteers' enthusiastic and patriotic slogans made sure the spectators get inspired to build a harmonious and cohesive society along with leaving them with a sense of social responsibility and active citizenship.

14. Eye Check-up Camp (30-11-2023)

To see the beauty of the world, it is necessary to have healthy eyes. A free eye check-up camp was organised with courtesy of NSS unit of Guru Jambheshwar University of Science and Technology and University's Women's Club. The chief guest of the camp was Vice Chancellor, GJUST Prof. Narsi Ram Bishnoi and university's first lady and patron of the women's club of the university, Dr. Vandana Bishnoi who emphasised on the importance of the importance of healthy eyes in the new age where excess use of mobile and laptops is adversely affecting the youth.

225 people were examined by the volunteer doctors from Centre for Sight and who were also given appropriate medicines. The successful completion of the camp was ensured by NSS Programme Coordinator, Dr. Anju Gupta, Engineer Vijay Majoka, Sanjay and Aman, Prof. Sujata Sandhi, Prof. Sumitra Singh, Dr. Suman Bahmani, Dr. Sandhya Godara and NSS Programme Officers Dr. Vineeta, Dr. Vikas Jangra, Dr. Kalpana, Dr. Lalit, Dr. Narendra and Dr. Sunita Rani.

15. World AIDS Day (01-12-2023)

National Service Scheme volunteers of Guru Jambheshwar University of Science and Technology conducted a Red Ribbon Awareness Campaign on the occasion of World AIDS Day on January 1, 2024 in the university campus. The Vice Chancellor of University, Prof. Narsi Ram Bishnoi inaugurated the campaign. The campaign's motive was to spread awareness of the disease not only for effective treatment and prevention but to also reduce stigma and discrimination against those living with HIV/AIDS which helps in building healthier and more inclusive communities. Several groups of volunteers distributed red ribbons in the university campus spreading word on the importance of the day and by educated individuals about the transmission, prevention and treatment of HIV, and fostered understanding and empathy while dispelling myths and misconceptions.

16. Cleanliness Drive (21-01-2024)

On January 21, 2024 Guru Jambheshwar University organized a cleanliness drive with the courtesy of NSS unit following the celebration of Ram Lala statue consecration. Volunteers,

including university staff and students, joined hands to clean various areas on campus. The post-celebration cleanliness drive organized served as a testament to the institution's dedication to fostering a clean and healthy environment through collaborative efforts and community participation. NSS volunteers diligently cleared litter and debris, enhancing the campus environment.

17. University-level NSS Camp 2023-24

NSS Cell of GJUST, Hisar is organized a University-level NSS Camp 2023-24 from on the theme "Yuva Bharat." From 10-01-2024 to 16-01-2024.

Day 1: The camp commenced with an electrifying start as UTD volunteers welcomed participants from 12 affiliated colleges with a vibrant welcome dance and other cultural performances. Prof. Vinod Chhokar, emphasized the importance of NSS and the pivotal role volunteers play in nation-building. Prof. Sandeep Rana, our esteemed Guest of Honor further motivated the participants. An ice-breaking session followed lunch, where volunteers were grouped into teams named on the theme "Yuva Bharat."

Day 2: Mr. Mani Shreshtha delivered an enlightening lecture on communication skills, providing valuable insights for effective communication. The day transitioned into recreational activities fostering teamwork and coordination. In the evening, a cultural event dedicated to 'Save Water' and 'Plastic-Free Haryana' showcased the power of culture to inspire change.

Day 3: Mr. Vima Jha delivered a thought-provoking lecture on 'Youth for Modern India,' inspiring volunteers on National Youth Day. The day continued with the announcement of upcoming competitions, including Quilling Art, Writing, Poster Making, Essay Writing, and others. The cultural program focused on 'Drugs and Alcohol Abuse' and 'Human Trafficking and Save Child Labour.'

Day 4: Advocate VikramJit Mittal, a legal expert, shared insights on legal literacy. Inspired by the lecture, volunteers engaged in a community cleaning drive. An upcoming lecture by Mahender Singh on the development of Haryana was announced. The next cultural event centered around 'Mental Health Important Than Physical Health' and 'Jai Jawan Jai Kishan,' merging tradition with fun-filled games.

Day 5: Sports and team-building activities, including a caterpillar race, lemon race, three-leg race, and long jump, were conducted. Dr. Anju Gupta, the NSS Programme Coordinator, emphasized discipline, leadership, teamwork, and optimism after lunch.

Day 6: Volunteers attended a lecture on BLS Training by Dr. Sangeeta and Dr. Renu, followed by financial literacy by Mr. Vimal Nagpal. A rally and nukkad natak were conducted on the contributions of youth to society, covering topics such as gender sensitization, women empowerment, and unemployment. Resilience: In the face of challenges, we stood undeterred, adapting and overcoming obstacles, much like the resilient spirit of our nation. Perseverance: The journey taught us the value of persistence, reminding us that change is a gradual process, and our efforts, no matter how small, contribute to a larger purpose. Nation-building: Our discussions on 'Youth for Modern India' and competitions centered around critical issues showcased our commitment to contributing meaningfully to the development of our nation. Confidence: Engaging in various activities, from lectures to cultural performances, instilled a sense of confidence, encouraging us to express ourselves freely and boldly. Teamwork and Coordination: The icebreaking sessions, team-building activities, and group initiatives reminded us of the power of collaboration and coordination, essential for any collective endeavor. Human Connection: Beyond the lectures and activities, the camp fostered a sense of genuine human connection. It's in the laughter shared during cultural events, the camaraderie formed during team activities, and the bonds forged over discussions on social issues. In the spirit of 'Yuva Bharat,' this camp, like all others, has not merely been a gathering of individuals but a collective celebration of our shared humanity. It's a reminder that each one of us, as the youth of this nation, carries the responsibility to shape a compassionate, inclusive, and resilient society.

As we bid farewell to these seven days, let us carry forward the lessons learned - not just as knowledge acquired but as experiences etched into our hearts. Our journey doesn't end here; it's a stepping stone towards a future where the values of this camp resonate in our actions, relationships, and contributions to society. The seven days were filled with learning, inspiration, and camaraderie. Let us carry forward the spirit of 'Yuva Bharat' as we continue our journey towards a brighter and more socially responsible future. Acknowledgments:

18. Republic Day Parade (26-01-2024)

On January 26, 2023, NSS volunteers from Guru Jambheshwar University actively participated in the Republic Day celebrations, showcasing their dedication and spirit of patriotism. 20 NSS volunteers marched proudly in the parade alongside NCC cadets and security personnel. Their disciplined presence added to the grandeur of the event, symbolizing unity and national pride. A group of 6 female NSS volunteers delivered a vibrant Haryanvi patriotic dance performance, captivating the audience with their choreography and enthusiasm. Their performance highlighted the rich cultural heritage of Haryana and resonated with the spirit of national unity. The NSS volunteers' active involvement in the Republic Day celebrations at GJU demonstrated their dedication to upholding the values of democracy and national unity. It was a moment of collective pride and celebration, reflecting the essence of India's Republic Day.

19. Start-up Workshop (07-02-2024)

A university level competition on the topic 'Start-up for Developing Entrepreneurial Qualities' was organized by the NSS unit of Guru Jambheshwar University of Science and Technology. Participants had the freedom to present their innovative ideas through speech, model, presentation, or any format that best suited their visions creatively. The competition was open to NSS volunteers from UTD and affiliated colleges. 11 teams participated in the program. The top 3 winners were awarded with cash prizes by the Department of Higher Education (DHE), and will further have the opportunity to take their ideas at state level. Sunidhi who presented her idea for a tailoring venture secured first position, while Aastha's online customized fashion designing got second position. Rohit Kumar's earthen pot equipped with electronic sensor secured third position. Principal of Government College, Hansi, Dr. Pavitra Mohan and Principal of Government College, Mangali, Saroj Bishnoi were decorated the program as members of the jury. NSS Programme Coordinator, Dr. Anju Gupta ensured the successful completion of the program.

20. Yuva Samvad (09-02-2024)

A university level competition "Yuva Samvaad" was organised on February 9, 2024 under the courtesy of NSS unit of Guru Jambheshwar University of Science and Technology, Hisar. The competition was organised under the theme "Dissemination of Youth-Centric ideas at the grassroots level under Youth 20". Participants had the freedom to present innovative ideas under the given topics. The program was open to NSS volunteers from UTD and affiliated colleges.

21. Seven Day Special Village Camp at Arya Nagar (13-02-2024 to 19-02-2024)

Seven days special village camp organized under the courtesy of NSS Cell of Guru Jambheshwar University of Science and Technology, Hisar took action in Government Model Sanskriti Senior Secondary School, Aryanagar, Hisar from February 13-02-2024 to 19-02-2024. The key idea and moto of the camp was ATMANIRBHAR GAO - ATMANIRBHAR BHARAT.

The first day of the camp started with the inauguration of the camp in the presence of respected Vice Chancellor, Prof. Narsi Ram Bishnoi as the chief guest and Principle of GMSSSS, Dr. Manoj as the guest of honor. The special commencement was graced by performances like Haryanavi dance, folk songs and patriotic poems. The day was followed by ice breaking sessions and activities amongst the participating volunteers. The day ended with cultural performances by volunteers.

The second day of the camp began with rally and nukkad natak on drug and substance addiction around the village. A lecture was given by Mr. Rajeev who is a working professional in pharmacy industry, follower of The Art of Living organization started by Shri Shri Ravi Shankar Ji and a teacher of mind and breath work. The programme officers and volunteers benefitted from the breath work techniques he taught. The day followed with cultural evening by team 1 and 2.

On the third day, volunteers few conducted workshop for the students studying in 10th, 11th and 12th standard to educate them of their higher studies options. Simultaneously, other volunteers

participated in various literary competitions like clay modelling, essay writing and poster making followed by cultural evening by team 3 and 4 after lunch.

The fourth day started with rally and street play on environmental issues in the village followed by Shram Daan after lunch. Cultural performances were showcased by team 5 and 6.

On the fifth day, Ram Ram campaign took place where the volunteers went door to door to get familiarized with the villagers. Simultaneously, photography competition was held where the volunteers would take photographs of the village and the most thoughtful one wins. A workshop on first aid techniques was held by Mr. Surender Sheoran, retired YRC field expert after which cultural evening was conducted by team 7 and 8.

On the sixth day, participating volunteers conducted survey in the backward areas of the village. Various team building games were hosted after lunch. The day followed with the cultural performance by Team 9 and 10.

The last day of camp comprised of valedictory event. The volunteers were awarded by certificates of participation. All the programme officers of the NSS unit, the best team and best volunteer of the camp were felicitated by the chief guest of the day, the first lady of GJUST, Prof. Vandana Bishnoi. Volunteers graced the ending with outstanding Haryanavi folk dance performances, folk music and monologue acts.

22. Rally on Mera Pehla Vote Desh Keliye (05-03-2024)

The NSS unit of Guru Jambheshwar University, Hisar, organized a rally on the theme "Mera Pehla Vote, Desh Ke Liye" to promote voter awareness and participation among youth. The rally commenced with an inaugural ceremony where dignitaries, Vice Chancellor Prof. Narsi Ram Bishnoi and NSS Programme Coordinator, Dr. Anju Gupta motivated and encouraged the volunteers through their inspiring speeches, impotence to cast the vote in democracy. The event aimed to emphasize the significance of exercising the right to vote for the betterment of the nation especially amongst the new and young voters. The rally commenced with enthusiasm, volunteers carrying banners and placards urging fellow citizens to fulfil their civic duty. The rally highlighted the role of youth as active stakeholders in the democratic process and encouraged them to register as voters and participate in elections. Total 60 volunteers have participated in the rally.

23. Patriotic Cultural Programme 'Maa Tujhe Salaam' (20-03-2024)

A patriotic cultural mega event, 'Maa Tujhe Salaam' was held on March 20, 2024, with great enthusiasm and patriotism. The programme comprised of memorable participation of NSS volunteers of UTD and affiliated colleges. The event was graced by esteemed guests, including the Chief Guest, Vice Chancellor Prof. Narsi Ram Bishnoi, and the Guest of Honour, Registrar Prof. Vinod Chhokar.

The program commenced with a warm welcome address by NSS Programme Coordinator Dr. Anju Gupta. This was followed by a beautiful rendition of Ganesh Vandana performed by UTD volunteers, setting a serene and auspicious tone for the event. The cultural programme featured a diverse array of performances that celebrated the rich heritage and patriotism of India. Various performances showcasing patriotic fervour, Haryanvi traditions, classical dance forms, and folk dances. Heartfelt musical renditions that echoed the spirit of patriotism and cultural pride. Thought-provoking and moving presentations through poetry and mime. A patriotic choreography act was performed by UTD volunteers depicting Shaheed Bhagat Singh and his comrades sacrifice and freedom struggle story to highlight the struggles of the freedom fighters of India which invoked a deep sense of patriotic greatness in the spectators. Creative and expressive dance sequences by UTD and volunteers of affiliated colleges captivated and kept the audience engaged throughout the event. A special duet song performance was delivered by the teachers of GMSSS School of Arya Nagar, Hisar, which was particularly memorable as the school was the site of the village camp for NSS volunteers. The event culminated with a spectacular performance by UTD volunteers titled 'Ek Bharat Shreshtha Bharat.' This performance vividly showcased the diverse cultures of various Indian states through traditional attire and dance, symbolizing the unity and diversity that define India. The event was concluded with the UTD and college wise felicitation of participating teams by the chief guest Vice Chancellor, Prof. Narsi Ram Bishnoi and first lady, Prof. Vandana Bishnoi. Overall, the 'Maa Tujhe Salaam' programme was a resounding success, leaving the audience

with a profound sense of patriotism and appreciation for India's cultural heritage. The event effectively highlighted the unity in diversity that is the hallmark of the Indian identity.

24. State NSS Awards

Our two NSS Programme Officers and two NSS Volunteers got State NSS Award 2020-21 and 2021-22. The award function organised at CCSHAU, Hisar on 24-09-2023. In the award ceremony Dr. Ashok Kumar, Programme Officer, Govt. P.G. College, Hisar and Mr. Amit Sharma, NSS Volunteer, GJUST, Hisar got State NSS Award-2020-21 and Dr. Parveen Rani, Programme Officer, Govt. College for Women, Hisar and Mr. Sunil Kumar, NSS volunteer, GJUST, Hisar got State NSS Award-2021-22. Dr. Shayna, Govt. College for Women, Hisar, Dr. Parminder, CRM Jat College, Hisar and Dr. Rajesh Poonia, Govt. College, Hisar also given State NSS appreciation award in this award function.

25. Rally on Plastic Mukh Bharat (05-04-2024)

The NSS unit of Guru Jambheshwar University, Hisar, organized an awareness rally on "Plastic Mukh Bharat" on April 5, 2024. The rally aimed to raise awareness about the detrimental effects of plastic pollution and promote sustainable alternatives. The event commenced with an inaugural ceremony graced by the Vice-Chancellor, Prof. Narsi Ram Bishnoi and NSS Programme Coordinator, Dr. Anju Gupta who motivated the volunteers with his inspiring words emphasizing the importance of environmental conservation and encouraged to actively engage in the rallies that play an important role in catalysing change. The enthusiastic participation of volunteers who were adorned with placards, advocated for a plastic-free India in the rally drew the attention of passers-by, effectively spreading the message of plastic reduction and waste management.

CHAPTER- 18

DEPARTMENT OF ALLIED HEALTH SCIENCES

(I) NAME : Allied Health Sciences

(II) Year of Establishment : 2021

(III) (a) **State the vision of the Department:** To establish the department as a hub with the state-of-the-art facilities to promote quality education, training, research and outreach activities in the field of Engineering using latest Emerging Technologies like Internet of Things, Machine Learning, Artificial Intelligence and Data Sciences.

(b) **State the mission of the Department:**

1. To produce quality students with passion for knowledge and creativity in the field of Emerging Technologies and Engineering and related areas of IOT, ML, AI and DataScience.
2. To train the students community through continuously evolving education, training and research in order to achieve holistic development with conviction for social and technical ethics.
3. To facilitate and promote job-oriented education in the Emerging Technologies and Engineering and related areas of IOT, ML, AI and Data Science

(c) **State the objective of the Department:** The Department intends to provide best professionals in field of Emerging Technologies by training the coming generation with cultivation of leadership abilities and nurturing the integration of Science, Engineering and Health Care and to produce talented students who will fulfill the need of society according to the latest requirement of Academia and Public/Private Sector
(As resolved by Staff Council)

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph.D.	--	--
P.G	--	--
U.G B.Tech. (Electronics & Biomedical Engg.)	31	I Year- 31 II Year – 15 III Year – 16 IV Year - 10
Integrated B.Sc (Hons/Hons.) M.Sc. MIT	30	II Year- 22
Any other	--	--

(V) Faculty detail

(Attach a list of the faculty along with their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	--	--	--
Associate Professor	02	--	--	--
Assistant Professor	04	02	- -	--

Sr. No	Name of Faculty	Designation	Qualification	Experience
1.	Prof. Anil Kumar	Chairperson	Ph.D.	14 years
2.	Mrs. Anju Gupta	Assistant Professor	M.Tech., Ph.D.*	13 years
3.	Dr. Anil Khatak	Assistant Professor	Ph.D.	14 years
4.	Mr. Manjit Singh	Temporary Teacher	M.Tech., Ph.D.*	1 Year
5.	Mr. Vikash Kajla	Temporary Teacher	M.Tech	1 Year

Ph.D.* - Ph.D. Pursuing

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Asstt. Technical Officer	01	--
Asstt.-cum-DEO	00	01
Lab Technician	03	01
TA G-1	--	--
Lab Attendant	04	--
Steno-typist	01	--
Clerk	01	01 *
Peon	01	01 *
Sweeper	00	01

* On contract basis

(VII) a) Students detail in respect of M.Sc., M.Tech, M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes” NIL

(b) Students detail in respect of B.Tech, B.Pharm, and B.P.Th. Programmes

1 st year		2 nd year		3 rd year	4 th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
30+1 (KM)	31	Vacant Seats + 3	1 5	16	10

(c) Detail of Foreign Students, if any, admitted in the Department: NIL

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor) NIL

(IX) Sponsored Research/ Consultancy Projects: NIL

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
--	01	--	--	--	--

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc. NIL

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/ No)	Impact factor
Anju Gupta, Sanjeev Kumar, Sanjeev Kumar	2024	Review for Optimal Human-Gesture Design Methodology and Motion representation of Medical Images using Segmentation from Depth Data and Gesture Recognition	Current Medical Imaging Journal	Bentham Science	Vol 20, 2024	14	yes	1.1

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	--	--	--	--	--	--
Associate Professor	--	--	--	--	--	--
Assistant Professor	02	--	02	01	01	02
Temporary Teacher	--	--	--	--	--	--

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE / Univ./etc.
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Mrs. Anju Gupta	Systematic Review of Impact of Motion Act Physical Program on Cardio Metabolic Health of Teenagers	45 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society	IEEE EMBC	International Convention Center in Sydney Australia	24 th -27 th July 2023	--
Mrs. Anju Gupta	Comparative Study of Vision Based Techniques for Human Gesture and Motion Detection/ Recognition for Exercise	ICRISSSS-2024	CRII, UP Division, Bareilly and CRII, India	CRII, Ayodhya	18 th -19 th June 2024	

(c) National Conferences/ Seminars/ Workshops: NIL

(d) Regional/ State Level Conferences/ Seminars/ Workshops: NIL

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Mrs. Anju Gupta	NEP Orientation & Sensitization Programme - V	GJUS&T, Hisar	MMTTC	Hisar	23.04.2024 to 02.05.2024

(f) National/International Webinars Attended: NIL

(g) Total number of Refresher/ Orientation Course/Webinar attended:

i)	Refresher Course	: --
ii)	Orientation Course	: --
iii)	Webinar	: --
iv)	NEP Orientation Course	: 01
v)	Total	: --

(XIII) Association with National and State Level Bodies(Give Faculty-wise details):

- i) Membership of Professional Bodies:
- ii) Member of Expert Committees:
- iii) Member of Academic Bodies of other institutions:
- vi) Any Other

(XIV) Detail of Consultancy Project/Work in Department:

Nil

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail): NIL**

Type	Topic/ Subject	Institution	Dates
Invited talk	Role of National Service Scheme	GJUS&T	5 th September 2023
Invited talk	Role of NSS Volunteers in Nation Building	The E5 College for Women	16 th October 2023
Extensionlectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University(Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Mrs. Anju Gupta	Incharge, Department of Allied Health Sciences (previously known as Dept.of Emerging Technology), GJUS&T, Hisar	11/03/2024 tillDate
2.	Mrs. Anju Gupta	Program Coordinator, NSS, GJUS&T,Hisar	30/05/2023 till Date
3.	Mrs. Anju Gupta	Coordinator, Working Women Hostel,GJUS&T, Hisar	02/03/2023 till Date
4.	Mrs. Anju Gupta	Deputy Proctor (Girls),GJUS&T,Hisar	15/03/2024 tilldate
5.	Mrs. Anju Gupta	Faculty Coordinator of Students' Clubs, GJUS&T, Hisar	07/05/2024 till date
6.	Mrs. Anju Gupta	Incharge, Red Ribbon Club, GJUS&T, Hisar	11/03/2024 tilldate
7.	Mrs. Anju Gupta	Nodal/Complaint Officer HIV/AIDS (P&C) GJUS&T, Hisar	11/03/2024 tilldate
8.	Mrs. Anju Gupta	Member, Sports Council, GJUS&T, Hisar	28/10/2023 tilldate

(XVII) Training /Internship/ Placement Activities information of the Department: NA

Activity	No. of Students	No. of Companies *
Training		
Placement		

- Note: - Please attach a list of companies along with number of students for training andplacement with dates, etc.

**(XVIII) Detail of Academic activities/Professional Activities/
ProgrammesOrganized in Department during the year:**

- Seminar/Conference/Refreshers course/Workshop/Training Programme:
- Extension lecture: NIL

iii. Students tour:

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
MAMC Agroha	50	30-10-2023 (1 Day)	Mrs. Anju Gupta Dr. Anil Khatak Mr. Manjit Singh Mr. Vikas Kajla

iv. Industry interaction programmes: NIL

(XIX) Awards/ Honors received by Faculty : Nil

(XX) Any other important Information/ Achievement of the Department: NIL

DEPARTMENT OF ALLIED HEALTH SCIENCES

Summary of Research Publications:

Total Books Published	Books published with international publisher	Books published with National publisher	--
--	--	--	--
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
--	--	--	--
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
02	01	--	1.1
Total number of funded research projects	Completed	Ongoing	--
--	--	--	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	--
--	--	--	--

DEPARTMENT OF ALLIED HEALTH SCIENCES

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Future Plan (Academic & Research Plan) as approved by BOS&R and Staff Council of the Department:

1. To start Post Graduation & Ph.D. Programmes from academic session 2024-25 as per guidelines of NEP 2020.
2. Different Laboratories will be developed as per the latest industry requirements and futuristic standards.
3. Procurement of advance software & hardware tools will be prioritized to promote research and education in the field of Medical Imaging & Radiology.
4. The industry institute relations will be strengthened to impart quality training/internship to students which further enhance their employability.
5. Hands on training are being planned for students to improve their employability.
6. FDPs/Workshops/Seminars will be organized to upgrade the faculty in the cutting-edge research areas.
7. MOU's will be setup with research organizations and industries.
8. Efforts will be made to get the Consultancy Projects from funding agencies like AICTE, UGC, and other funding agencies. More resources will be generated to facilitate online teaching methodology to support NEP 2020.

DEPARTMENT OF APPLIED PSYCHOLOGY

(I) NAME : Applied Psychology

(II) Year of Establishment : 1996

(III) (a) State the vision of the Department:

To establish the department as school of behavioural science with emphasis on quality education, training, research and extension activities in the field of Psychology.

(b) State the mission of the Department:

To provide skill based knowledge to students.

To train the students in specialized areas so that they can pursue career in their preferred field of interest.

To facilitate job oriented education through internship with different organizations.

To nurture young minds in such a way that they become innovators who will work towards the overall well being of the society.

(c) State the objective of the Department:

(As resolved by Staff Council)

- Upgradation of laboratories as per the need of hour.
 - To get projects from UGC or any other funding agencies.
 - To organize seminar/workshop.
- To conduct FDP to keep the faculty up to date in current areas.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	40	34
P.G	57+6= 63	57
U.G	55+5= 60	59
Any other/PGDGC	25+5= 30	26

(V) Faculty detail

(The list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	01	03	
Associate Professor	02	-	-	
Assistant Professor	04	02	-	

Sr. No.	Name of Teacher	Qualification	Experience (in years)
1.	Prof. Sandeep Singh	M.A, M Phil, Ph D.	25 years
2.	Prof. Jyotsana K.Shah	M.A, M Phil, Ph D.	26 years
3.	Prof. Rakesh Kumar Bahmani	M.A, Ph D.	19 years 11 months
4.	Prof.. Manju	M.A ., Ph. D, UGC (NET)	17 years
5.	Dr. Sanjay Kumar	M.A., UGC (NET), PGDRP, Ph. D,	14 years
6.	Dr. Taruna	M.A., Ph. D, UGC (NET)	19 years

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned	Filled
Tech. Asstt. Grade-I	01	01
Lab Attendant	01	03
Steno-typist	01	01(J.S.S.)
Clerk	01	01+(01 on contract basis, HKRNL)
Peon	01	01(On contract Basis, HKRNL)

VII)

- (a) **Students detail in respect of M.Sc./B.Sc/PGDGC, M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes**

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
Msc	63	57	52
Bsc	60	59	56
PGDGC	30	26	-

- (b) **Students detail in respect of B.Tech, B.Pharm. and B.P.Th. / : NIL**

- (c) **Detail of Foreign Students, if any, admitted in the Department: NIL**

- (VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor) (list attached)**

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
34	Nil	10	06

- (IX) Sponsored Research/ Consultancy Projects: NIL**

- (X) Number of Publications of Faculty (in Total): Nil**

- (XI) Faculty wise detail of publication during the academic year:**

a) **Books/Book Chapters/ Monograph etc.**

Authors	Title	Year of publication	Type of books(Text/Refere nce/Report)	Publishers
Sanjay Kumar	Health Psychology	2023	Text Book	Academic Publication
Sneha Mittal and Sanjay Kumar, Vineet Gairola	Speculated Anticipatory Anxiety of Social Interactions post COVID-19 Lockdown and the reality check.	2024	Book Chapter	Routledge

b) **Research Papers/ Articles in Journals**

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Sco pus (Yes /No)	Impact factor
Prof. Jyotsana								
Manju Arya & Jyotsana K. Shah	2024	Psychological Factors Influencing Literacy in Women: A Systematic Review	Indian Journal of Psychology	Indian Psycho- logical Association	12,2024	87-93	No	
Prof. Sandeep Singh								
Smarika Dalal and Sandeep Singh	2023	Mediating Role of Psychological Flexibility between Optimism and Psychological Well-Being among Defence Personnel in India	Psychol ogy Hub		40, 3	67-84	Yes	
Smarika and Sandeep Singh	2023	Adverse childhood experiences and Well-being during emerging adulthood: The protective role of Resilience	Journal of the Indian Academy of Applied Psychology					

Gunjan and Sandeep Singh	2024	Resilience, Psychological Well-Being, and Quality of Life among college students.	Indian Journal of Psychological Science					
Sunita Devi and Sandeep Singh	2023	Risk Factors for Drug Addiction: A Review.	Indian Journal of Health and Wellbeing		14, 3	383–387		
Sunita Devi and Sandeep Singh	2023	Relapse in Drug Addiction: A Review	Indian Journal of Health and Wellbeing		14, 3	405-409		
Gunjan and Sandeep Singh	2023	Effect of Forgiveness on Happiness and Well-being	Indian Journal of Health and Wellbeing		14, 3	360-363		
Sanjay Bhankar and Sandeep Singh	2023	Peer Pressure and Loneliness as Determinants of Adolescent Drug Abuse Behaviour	Indian Journal of Health and Wellbeing		14, 3	280-283		
Priyanka and Sandeep Singh	2023	Mindfulness-based Self-Management Therapy (MBSMT): A Positive Psychotherapy for Well-being and Happiness	Indian Journal of Health and Wellbeing		14, 3	378-382		
Prof. Rakesh Behamani								
Malik., V.S., Singh., V., Yadav., H., Kumar, S., Kumar, K. & Behmani, R.K	2023	The Menstruation, Menstrual Distress and Mental Health: A Literature Review	Indian Journal of Social Sciences and Literature Studies	-	9	6-14	No	
Gobind yadav , Prof. Rakesh Behmani	January - June: 2024	social anxiety in adolescents caused by cyber gossip? An Indian study	International Journal of Cultural Studies and Social Sciences					
Gobind yadav ,	January -	Quantifying self-deception:	ANVESAK					

Prof. Rakesh Behmani	June: 2024	assessing internal realities						
Suresh Kumar, Vijeta Singh, Monika Bargujjar, Ancha, and Rakesh Kumar Behmani	July, 2023	A Review of Literature on Microaggressions Based on Gender and LGBTQ	Indian Journal of Health and Well-Being		5	11-14	No	
Vandana Singh Malik , Vijeta Singh , Krishan Kumar , Sanjay Kumar , and Rakesh Kumar Behmani	2023	A Systematic Review of Menstruation Related Restrictions in India	Indian Journal of Health and Well-Being		14	357-360	No	
Manisha Ranga , Kanupriya , Ancha , and Rakesh Kumar Behmani	September, 2023	Internet Gaming Disorder in Indian Context: Prevalence and Impact	International Journal of Social Sciences Review,		11	5		
Hemant Kumar, Ekta Soni, Sunita Rani, Rakesh Kumar Behmani	2024	The Impact of Modernization on Female Gender Roles and Gender Stereotypes: A Psychological Review	The International Journal of Indian Psychology		12	1839-1844		
Aruna kad and Dr. Rakesh Behmani	2023	How much do adolescents cyber Gossip ?An Indian perspective	Journal of Foundational Research					
Aruna Kad, Gobind, Krishan Kumar, Rakesh Behmani, Ekta	2024	Social Anxiety in Adolescents caused by Cybergossip ?An Indian Study	International Journal of Cultural Studies and Social Sciences					

Aruna Kad, Rakesh Behmani, Gobind Yadav, Krishan Kumar	2024	Quantifying Self-Deception: Assessing Internal Realities	Anvesak					
Arun khanduja, Monika Bargujjar and Rakesh Behmani	September, 2023	Cyber gossip and its Psychological Perspective	Indian Journal of Health and well being					
Govind, Aruna Kad, Pinki, Krishan Kumar and Rakesh Behmani	December, 2023	Study the gender and socio-economic status difference on the variable of religiosity (way of life, belief in rebirth, karma and destiny, existence of power, importance of prayer and purposeful life)	International Journal of Psychology Research.					
Prof. Manju								
Gobind and Manju	April, 2024	Role of Home Environment in Cognitive Development of Children	JIAAP Journal of The Indian Academy of Applied Psychology		50	297-303		
Dr. Sanjay Kumar				Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes /No)	Impact factor
Supriya and Sanjay Kumar	2023	Affluenza: An Intergenerational Study	IAHRW International Journal of Social Sciences Review		11(2)	146-150		

Sneha Mittal and Sanjay Kumar	2023	Lord Rama: An Inspiration to Lead a Fulfilling Life	The International Journal of Indian Psychology	RedShine	11(4)	376-380		
Sneha Mittal, Sanjay Kumar and Mandeep Sharma	2023	Internet Addiction among Adolescents across Socio-economic Status in Haryana	Indian Journal of Human Relations	Purvanchal Academy of Social Sciences & Humanities	57(1-2)	17-25		
Soni and Sanjay Kumar	2024	Exploring the interplay of body image and emotional intelligence in individual and team sportspersons: a contemporary prospective	Education Administration: Theory and Practice	Pegem Akademi Yayıncılık Eğitim Danışmanlık Hizmetleri Ticaret A.Ş.	30(5)	281-285		
Satyander & Sanjay Kumar	2024	Suicidal Ideation and Cognitive Distortions among Undergraduate Students.	Education Administration: Theory and Practice	Pegem Akademi Yayıncılık Eğitim Danışmanlık Hizmetleri Ticaret A.Ş.	30(5)	239-245		
Vandana Singh Malik , Vijeta Singh , Krishan Kumar , Sanjay Kumar , and Rakesh Kumar Behmani	2023	A Systematic Review of Menstruation Related Restrictions in India	Indian Journal of Health and Well-Being	Indian Association of <i>Health, Research and Welfare</i>	14(3)	357-360		
Dr. Taruna								
Sarita Rani & Taruna Gera	2024	Savoring as a Predictor of Psychological well-being among adolescents	Indian Journal of Psychological Science		8(1)			

Sarita Rani & Taruna Gera	2023	Savoring as a Predictor of happiness and Positiv Affect among Adolescent, well-being among adolescents	Mind and Body Society,		12(2)	44-49		
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(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: NIL

(a) **Total Number of Seminars/ Conferences attended by faculty and papers presented: Nil**

(b) **International Conferences/ Seminars/ Workshops: NIL**

(c) **National Conferences/ Seminars/ Workshops: NIL**

(d) **Regional/ State Level Conferences/ Seminars/ Workshops: NIL**

(e) **Refresher Courses/ Orientation Courses: NIL**

(f) **National/International Webinars Attended: NIL**

(g) **Total number of Refresher/ Orientation Course/Webinar attended:**

i. **Refresher Course : NIL**

ii. **Orientation Course : NIL**

iii. **Webinar : NIL**

iv. **Total : NIL**

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) **Membership of Professional Bodies:**

ii) **Member of Expert Committees:**

iii) **Member of Academic Bodies of other institutions:**

Prof. Jyotsana K. Shah

Member of PGBOS of Department of Psychology of other university

Member of DRC

Member of Admission Committee

Prof. Sandeep Singh

- Member, P.G. Board of Studies of the Department of Psychology, Kurukshetra University, Kurukshetra.
- Member, P.G. Board of Studies of the Department of Psychology, University of Jammu, Jammu.
- Member, P.G. Board of Studies of the Department of Psychology, Gurukul Kangri University, Haridawar.
- Member, P.G. Board of Studies of the Department of Psychology, CDL University.
- Member, P.G. Board of Studies of the Department of Psychology, CBL University.
- Member, Departmental Research Committee, Department of Psychology, Central University of Haryana, Mahendergarh.
- Member, UG Board of Studies of the Department of Psychology, HP University, Shimla.
- Member, UG Board of Studies of the Department of Psychology, CDL University, Sirsa.

- Member, UG Board of Studies of the Department of Psychology, CBL University, Bhiwani.
- Member of Indian Association of Clinical Psychology.
- Member of Indian Association of Community Psychology
- Member of Indian Science Congress
- Member of Indian Association of Psycho-Cultural Researches
- Member of editorial board of Indian Journal of Positive Psychology
- Member of editorial board of Indian Journal of Psychology and Education
- Member of PG Board of Studies CBLU, Bhiwani.
- Member of Academic Council, GJUS&T, Hisar.
- Member of Executive Council, GJUS&T, Hisar.
- Member of Executive Council, CRSU, Jind.
- Member of University Court, Kurukshetra University, Kurukshetra.
- Member of Bhartiya Counseling Psychology Association of India.
- North Zone Secretary of Indian Association of Health Psychology
- Member, Faculty of Social Sciences, M.D.U, Rohtak

Dr. Rakesh Kumar

- Member of admission committee
- Member of DRC
- Member of Board of Studies & Research
- Chairperson of English Department

Dr. Manju

- Member of admission committee
- Member of DRC
- Member of Board of Studies & Research

Dr. Sanjay Kumar

- Deputy Proctor
- Warden BH-III
- Nodal Officer
- Member of Admission Committee
- Registered as Rehabilitation Psychologist (RCI) CRR No. A60631
- Coordinator Training and Placement cell
- Coordinator Aptitude Testing Lab
- Coordinator Counseling Cell
- Member of DRC
- Member of Board of Studies & Research
- Member of Editorial Board:
 1. Indian Journal of Contemporary Research, Gujarat.
 2. Iranian Journal of Organizational Psychology.
 3. Indian Association of Health, Research and Welfare, Hisar.
 4. International Journal of Application or Innovation in Engineering & Management.

Dr. Taruna

- Member of Admission Committee
- Member of DRC

- Member Department eve teasing committee
- Co-ordinator Internal Exams of the Deptt. Of Applied Psychology
- Department Co-ordinator IQAC
- Member of Cultural council
- Member of Women Cell
- Member of PGBOS

v. Any Other

(XIV) Detail of Consultancy Project/ Work in Department: NIL

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail): Nil

Prof. Sandeep Singh

Type	Topic/ Subject	Institution	Dates
Delivered lecture	Skill Development	UGC-Malaviya Mission Teacher Training Centre (MMTTC), University of Rajasthan, Jaipur.	20-02-2024
Delivered lecture	Students Diversity and Inclusive Education	UGC-Malaviya Mission Teacher Training Centre (MMTTC), GJUS&T, Hisar	30-04-2024
Delivered lecture	Students Diversity and Inclusive Education	UGC-Malaviya Mission Teacher Training Centre (MMTTC), GJUS&T, Hisar	24-05-2024
Delivered lecture	Positive Thinking and Mindful Exercises	by UGC-Malaviya Mission Teacher Training Centre (MMTTC), GJUS&T, Hisar	19-06-2024

Dr. Sanjay Kumar

Type	Topic/Subject	Institution	Dates
Chaired a technical session	National Conference on Women Health and Well-being	Department of Psychology, Central University of Haryana, Mahendergarh with National Academy of Psychology (NAOP)	10-11 October, 2023
Panel Expert	Suicide Prevention Day	Department of Psychology, Central University of Haryana, Mahendergarh	10 th September, 2023

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
	Prof. Jyotsana K.Shah	<ul style="list-style-type: none"> • Member of admission committee • Member of AC of University • Member of CCL Committee • Member of DRC • Member of PGBOS of department of Applied Psychology of the university. 	
	Prof. Sandeep Singh	<ul style="list-style-type: none"> • Member of Executive Council, Guru Jambheshwar University of Science & Technology, Hisar • Member of Academic Council, Guru Jambheshwar University of Science & Technology, Hisar • Director of Center for Counseling and Wellbeing Cell (Since May, 2023) • Chancellor Nominee in Selection Committee at Gurugram University, Gurugram • Member, NAAC steering committee, GJUS&T, Hisar • Member, GIAN committee of the university. • Member, Internal Quality Assurance Cell (IQAC), GJUS&T, Hisar • Observer, UGC-NET examination coordinated by GJUS&T, Hisar • Member, High Power Purchase Committee of the University • Member, anti-ragging committee of the university. • Member of NSS advisory board of the university • Member of Cultural council of the university • Member of sports council of the university • Organizing member of university alumni meet. • Organizing member of university convocation • Member, organizing committee for sports tournaments of the university. • Member, organizing committee for youth festival. • Nodal officer of the University for District Election Office, Hisar • Member, syllabus re-structuring committee of the department. • Member, anti-eve teasing committee of the university. • Member, students counseling cell of the department. • Member of Swach Bharat- Swasth Bharat Programme of the university. • Member of Covid-19 taskforce of the university. • Member of different committees 	

		constituted for academic issues, students welfare and teachers welfare.	
	Dr. Rakesh Kumar Behmani	<ul style="list-style-type: none"> • Member of admission committee • Member of DRC • Member of Board of Studies & Research 	
	Dr. Manju	<ul style="list-style-type: none"> • Member of admission committee • Chairperson of the department • Member of DRC • Member of Board of Studies & Research 	
	Dr. Taruna	<ul style="list-style-type: none"> • Associate Director, Psychological Guidance and Counselling Cell • Member of Admission Committee • Member of DRC • Programme coordinator- B.A. Psychology (DDE) • Co-Ordinator, Cultural Activities, GJUS&T, Hisar • Deputy Co-ordinator B.Ed. admissions, GJUS&T, Hisar. • Member Department eve teasing committee • Co-ordinator Internal Exams of the Deptt. Of Applied Psychology • Department Co-ordinator IQAC • Member of Cultural council 	
	Dr. Sanjay Kumar	<ul style="list-style-type: none"> • Member of Admission Committee • Coordinator Training and Placement cell • Coordinator Aptitude Testing Lab • Coordinator Counseling Cell • Member of DRC • Member of Board of Studies & Research • Member of Editorial Board 	

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	223	
Placement		

* Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc..

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year: NIL

- i) Seminar/Conference/Refreshers course/Workshop/Training Programme
- ii. Extension lecture: NIL
- iii. Students tour: NIL
- iv. Industry interaction programmes: NIL

(XIX) Awards/ Honours received by Faculty: NIL

(XX) Any other important Information/ Achievement of the Department:

DEPARTMENT OF APPLIED PSYCHOLOGY

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
01	01	NIL	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
30	03	04	
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
NIL	NIL	NIL	
Total number of funded research projects	Completed	Ongoing	-
NIL	NIL	NIL	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
Nil	10	06	

**Total No. of Ph.D. research scholars during the year
(01.07.2023 to 30.06.2024)**

Sr. No.	Registration No.	Name of theCandidate	Name of Supervisor	Name of Co-supervisor
1	17119005	Urvashi Singh	Prof. Manju	
2	180110090002	Rinku	Prof. SandeepSingh	
3	180110090007	Tamsha	Prof. SandeepSingh	
4	190110090001	Surbhi	Prof. SandeepSingh	
5	190110090002	Anand	Prof. Jyotsana	
6	200110090001	Ms. Ancha Rani	Prof. Rakesh Kumar Behmani	
7	200110090003	Ms. Soni	Dr. Sanjay Kumar	
8	190110090101	Ms. Seema	Prof. Manju	
9	190110090102	Ms. Sunita Kumari Mann	Prof. Jyotsana	
10	190110090108	Ms. Sarita Rani	Dr. Taruna	
11	190110090109	Ms. Tamanna	Prof. Jyotsana	
12	210110090001	Mr. Sanjay	Prof. Sandeep Singh	Prof. Rakesh Kumar
13	190110090110	Mr.Gobind	Prof. Manju	
14	190110090106	Jyoti Singh	Prof. Manju	
15	190110090105	Priyanka Verma	Prof. Sandeep Singh	Prof. Rakesh Kumar
16	200110090104	Manju Arya	Prof. Jyotsana	
17	200110090105	Amit	Dr. Sanjay Kumar	
18	200110090106	Satyander	Dr. Sanjay Kumar	
19	200110090107	Dinesh Kumar Kataria	Prof. Rakesh Kumar	
20	20011009108	Hemant	Prof. Rakesh Kumar	Prof. Sunita Rani
21	210110090101	Sher Singh	Prof. Manju	
22	210110090102	Minal	Dr. Taruna	
23	210110090103	Sunita Devi	Prof. Sandeep Singh	
24	210110090104	Gunjan	Prof. Sandeep Singh	
25	210110090105	Ekta Rani	Dr. Taruna	
26	220110090101	Komal Kharb	Prof. Manju	
27	230110091001	Monika	Prof. Manju	
28	230110091002	Sahil	Prof. Rakesh Kumar	

29	230110091003	Parveen Kumar	Prof. Sandeep Singh	
30	230110091004	Pinki	Prof. Rakesh Kumar Behmani	
31	230110092001	Kiran	Dr. Taruna	
32	230110092002	Pinki	Prof. Rakesh Kumar	
33	230110092003	Vidarthi	Prof. Rakesh Kumar	
34	230110092004	Manisha Devi	Prof. Rakesh Kumar	

Ph.D. Thesis submitted during the year (01.07.2023 to 30.06.2024)

S.N.	Registration No.	Name of the Research Scholar	Name of Supervisor	Name of Co-supervisor
1.	180110090001	Lavish Chugh	Prof. Jyotsana	
2.	190110090104	Ms. Vandana Singh Malik	Prof. Rakesh Kumar	Dr. Sanjay Kumar
3.	190110090111	Arun Khanduja	Prof. Rakesh Kumar	
4.	190110090003	Manisha Ranga	Prof. Rakesh Kumar	
5.	190110090005	Akshay Ohlan	Dr. Taruna	
6.	200110090002	Mr. Suresh Kumar	Prof. Rakesh Kumar	
7.	200110090004	Ms. Supriya	Dr. Sanjay Kumar	
8.	200110090101	Ms. Smarika Dalal	Prof. Sandeep Singh	
9.	200110090102	Gobind	Prof. Rakesh Kumar	Dr. Krishan Kumar Soni
10	190110090108	Ms. Sarita Rani	Dr. Taruna	

Ph.D. Degree awarded during the year (01.07.2023 to 30.06.2024)

Sr. No.	Registration No.	Name of the Research Scholar	Name of Supervisor	Name of Co-supervisor
1.	190110090006	Ravi Singh	Prof. Sandeep Singh	
2.	180110090011	Poonam Devi	Dr. Sanjay Kumar	
3.	190110090111	Arun Khanduja	Prof. Rakesh Kumar	
4	190110090107	Sneha Mittal	Dr. Sanjay Kumar	
5	180110090001	Lavish Chugh	Prof. Jyotsana	
6	180110090008	Shalini	Prof. Rakesh Kumar	

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

(I) NAME : DEPARTMENT OF ARTIFICIAL INTELLIGENCE
AND DATA SCIENCE

(II) Year of Establishment : 2019

(III) (a) State the vision of the Department:

To impart student-centered, value based, world class education to contribute to the society through excellence in the emerging areas of Science, Engineering and Technology especially in the field of Artificial Intelligence & Data Science.

(b) State the mission of the Department:

- To achieve academic excellence in professional education at par with institutions of National &/or International importance;
- To focus on practical based teaching-learning using advanced tools and technologies;
- To foster a culture of innovation amongst the students to work on ideas;
- To encourage collaborations with industries and the fellow institutions in the country and abroad;
- To inculcate high moral and ethical values amongst the students to make them responsible citizens and good human beings.

(c) State the objective of the Department: (As resolved by Staff Council)

- To equip students with a strong foundation in Computer Science, Mathematics, Statistics, Artificial Intelligence and Data Science, enabling them to build systems that effectively manage and analyze large volumes of data.
- To expose students to the latest advancements in Artificial Intelligence, Machine Learning, Data Analytics and Data Visualization and to prepare them to design and develop innovative applications for Industrial and research purposes.
- To enable students to leverage AI techniques across diverse domains, create innovative AI-driven solutions to address complex real-world challenges, and contribute actively to research and sustainable development of ecosystems.
- To nurture Innovative thinking and creativity, empowering students to make meaningful contributions to economic growth and societal progress.
- To cultivate logical thinking, a dedication to lifelong learning, and the ability to work collaboratively in multidisciplinary teams while upholding a strong ethical framework.
- To prepare students for successful careers in Artificial Intelligence and Data Science by equipping them with required skills and knowledge to excel in these rapidly evolving fields.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.		
P.G	30+05	31
U.G	65+05	65
Any other		

(V) Faculty detail**(List of the Faculty alongwith their qualifications and Experiences)**

S.No.	Name of Faculty	Qualification	Experience	Remarks
1	Prof. Dharmender Kumar	Ph.D.	23 years	
2	Dr. Amandeep	Ph.D.	14 years	
3	Dr. Sunil Kumar	Ph.D.	20 years	
4	Mr. Sandeep	M.Tech.	9 years	Contractual
5	Mr. Paru Raj	M.Tech.	9 years	Contractual

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
CLERK		01(HKRNL)
PEON		01(HKRNL)

VII)**a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes**

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc. Computer Science (Artificial Intelligence and Data Science)	30+05	31	N.A.

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes: Nil**(c) Detail of Foreign Students, if any, admitted in the Department: Nil****(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor) : Nil****(IX) Sponsored Research/ Consultancy Projects: Nil****X) Number of Publications of Faculty (in Total)**

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
	SCI-02 SCOPUS-08				

(XI) Faculty wise detail of publication during the academic year: Nil**b) Research Papers/ Articles in Journals**

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Ranjit Kumar ,Rahul Gupta , Sunil Kumar and Neha Gupta	2023	IoT Security Framework Optimized Evaluation for Smart Grid	International Journal of Electrical and Electronics Research (IJEER)	Forex Publication	Volume 12, Issue 2	383-392	Scopus	
Vermani, Kunal, Amandeep Noliya, Sunil Kumar, and Kamlesh Dutta	2023	Ensemble Learning Based Malicious Node Detection in SDN-Based VANETs	Journal of Information Systems Engineering & Business Intelligence	Universitas Airlangga	Vol.9, No.2,	136-146	Scopus	
Vinod Prakash, Dharmender Kumar	2023	A Modified Gated Recurrent Unit Approach for Eplileptic Electroencephalography Classification	Journal of Information and Communication Technology	Universiti Utara Malaysia, UUM Press	Vol. -22, No-4	pp 587-617	Scopus	
Vinod Prakash, Dharmender Kumar	2023	An efficient approach for denoising EOG artifact through optimal wavelet selection	International Journal of Information Technology	Springer	Volume 16	279-292	Scopus	
Anil Kumar,Amandeep Noliya,Ritu Makani,Pardeep Kumar,Jagsir Singh	2024	Advance persistent Threat Detection performance Analysis Based on Machine Learning Models	International journal of Intelligent system and application and Engineering	Elsevier	Vol. 12 No. 2	741–757	Scopus	
Amandeep Noliya,Dharmender Kumar,Ankush,Kulbir Kumar	2024	Performance Analysis of 5G NR Modulation Techniques	Grenze International Journal of Engineering and Technology	GRENZE Scientific Society	Vol. 10 Issue 1	890-897	Scopus	
Malhotra,Ritu ,Amandeep	2024	Security in Enterprise Resource Planning	International journal of Intelligent system and application and Engineering	Elsevier	Vol. 12 No. 4s	702–709	Scopus	
Kumar A.,Noliya A.,Makani R.	2024	Fuzzy Inference Based Feature Selection and optimized Deep Learning for advance persistent threat detection	International journal of adaptive control and signal processing	WILEY	Volume 38, Issue 2	604 - 620	SCI	
Deepak Kumar,Dharmender Kumar	2023	A Binary Grey Wolf Optimization based Hybrid Convolutional Neural Network (BGWOHCNN) framework for	Multimedia Tools and Applications	Springer	Volume 83	10091–10114	Scopus	

		hyperspectral image classification						
Upinder Kaur, Aparna N. Mahajan, Sunil Kumar, Kamlesh Dutta	2024	Jellyfish Search Chimp Optimization Enabled Routing and Attack Detection in SDN based VANET	Wireless Personal Communications	Springer	Volume 138	819–859	SCI	2.6
Paru Raj, Priyanka, Sandeep	2024	Study of Core Methodologies and their Modified Versions for Image Segmentation	Tuijin Jishu/Journal of Propulsion Technology	Journal of Propulsion Technology	Vol.45 No. 2 (2024)	5180-5207	Scopus	

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	02					
Associate Professor						
Assistant Professor	03					

(b) International Conferences/ Seminars/ Workshops: (LIST ATTACHED)

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Anu Sharma, Dharmender Kumar	Hyperparameter Optimization in CNN: A Review	International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)	Sharda School of Engineering and Technology, Sharda University	Noida	November 03-04,2023	
Varun Kumar and Dharmender Kumar	Recent Trends in Text-to-Image GAN	IEEE International Conference on Intelligent Systems for Cybersecurity (ISCS),	The NorthCap University Gurugram	Gurugram	3-4 May,2023	
Ankush, Amaandeep	Performance analysis of 5G NR Modulation	Hinwei Second International Conference on Artificial	Guru Jambheshwar University of Science and	Hisar	October 28,2023	

	Techniques	Intelligence and Data Science	Technology, Haryana, India			
Jyoti, Dharmender Kumar, Amandeep	Performance Analysis of Key Performance Indicator in 5G Network for resources	Second International Conference on Emerging Technology and Sustainable Solution ICETSS 20204	Guru Jambheshwar University of Science and Technology, Haryana, India	Hisar	8-9 October, 2024	

(c) **National Conferences/ Seminars/ Workshops: Nil**

(d) **Regional/ State Level Conferences/ Seminars/ Workshops: Nil**

(e) **Refresher Courses/ Orientation Courses: Nil**

(f) **National/International Webinars Attended : Nil**

(g) **Total number of Refresher/ Orientation Course/Webinar attended: Nil**

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) **Membership of Professional Bodies:**

ii) **Member of Expert Committees:**

iii) **Member of Academic Bodies of other institutions:**

iv) **Any Other**

(XIV) Detail of Consultancy Project/ Work in Department: Nil

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail) : Nil

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Dr. Amandeep	SST(Static Surveillance Team) General Assembly Elections	29/04/2024-04/05/2024
2	Mr. Paru Raj	SST(Static Surveillance Team) General Assembly Elections	04/05/2024-24/05/2024

**(XVII) Training /Internship/ Placement Activities information of the Department:
Placement Data (2023-24)**

1	200060630019	Naveen Punia	COMCODE TECHNOLOGY PVT. LTD., MOHALI
2	200060630026	Pallvi	COMCODE TECHNOLOGY PVT. LTD., MOHALI
3	200060630031	RAJSHREE	KIASAINTERNATIONAL PVT LTD., GURUGRAM
4	200060630034	ROHIT	TATA CONSULTANCY SERVICE, DELHI

Activity	No. of Students	No. of Companies *
Training	LIST ATTACHED	
Placement	04	03

- Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc..

**(XVIII) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year:**

i) Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of participants	Dates/ Duration
FACULTY DEVELOPMENT PROGRAMME	NATIONAL	208	18/03/2024- 22/08/24

- ii. Extension lecture: Nil
- iii. Students tour : Nil
- iv. Industry interaction programmes : Nil

(XIX) Awards/ Honours received by Faculty : Nil.

(XX) Any other important Information/ Achievement of the Department:

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
	10		2.6
Total number of funded research projects	Completed	Ongoing	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAM ME	PhD. Degree submitted	PhD. Degree awarded	-

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Department has under gone through continuous growth in terms of student intake and the number of courses introduced. The student intake of students is almost doubled for some courses and few new courses are introduced for the current session. In view of the same allocation of more space is required to set up Lab. and smooth running of classes. The increase in the load also put up the demand for assigning more faculties to the department to enhance the quality of the Academics.

The faculties and students of the department are dedicated to publish their work in the more. National and International journals of repute in the future. Department is planning workshops, seminar and conferences to encompasses the knowledge of this emerging field of Artificial Intelligence and Data Science.

CHIEF PATRON
Prof. Narsi Ram Bishnoi
Hon'ble Vice Chancellor
GJUS&T, Hisar

PATRON
Prof. Vinod Chhokar
Registrar
GJUS&T, Hisar

CO-PATRON
Prof. Sandeep Arya
Dean, FET
GJUS&T, Hisar

CONVENER
Prof. Dharmender Kumar
Chairman
Department of Artificial Intelligence and Data Science

COORDINATORS
Dr. Amandeep Noliya
Assistant Professor
Department of Artificial Intelligence and Data Science
Dr. Sunil Kumar
Assistant Professor
Department of Artificial Intelligence and Data Science

ORGANIZING COMMITTEE
Sh. Paruraj
Assistant Professor
Department of Artificial Intelligence and Data Science
Sh. Sandeep Dhankar
Assistant Professor
Department of Artificial Intelligence and Data Science

ABOUT THE UNIVERSITY

Guru Jambheshwar University of Science & Technology, Hisar (formerly Guru Jambheshwar University) is a State University established on October 20, 1995 by an Act of the Legislature of the State of Haryana to facilitate and promote studies and research in emerging areas of higher education with a focus on new frontiers of technology, pharmacy, environmental studies, non-conventional sources energy and management studies and also to achieve excellence in these and connected fields. It was formally inaugurated on November 1, 1995. It is named after Guru Jambheshwar Ji Maharaj, a saint environmentalist of 15th century. Today the university is rock-standing on 372 acres of lush green land with 27 teaching departments. The University at present offers 63 regular programmes on campus including B. Tech., M. Tech., B.Physiotherapy, M.Physiotherapy, B.Pharm., M.Pharm., B.Sc., M.Sc., MBA, M.Com and MCA etc. with Ph.D. degree programme in all the Departments. The University is presently graded as 'A+' by NAAC. The University has also been ranked in 801-1000 rank band in the Physical Sciences subject category in the Times Higher Education World University Ranking 2024. The University has also been ranked 401-500 in The Times Higher Education Emerging Economies University Rankings 2022. The University has added another feather of international recognition in the form of securing rank between 351-400 in the globally renowned Times Higher Education Young University Rankings 2022. In the Atal Ranking of Institutional Innovations and Achievements (ARIIA-2020) by the Education Ministry, Govt. of India, the University has been ranked in BAND A between 6-25th in August 2020, in the Govt. and Govt. Aided Universities Category. The University has constantly motivated and encouraged interdisciplinary collaboration and Research. The h-index of the University has increased to 120 which is highest h-index of any University in the State of Haryana and average paper citation is 20.93 which is also highest in the region. For more details please visit: <http://www.gjust.ac.in>

One Week Online
Faculty Development Programme
on
Artificial Intelligence and Data Analytics (AIDA-2024)
March 18-23, 2024




Organized By
Department of Artificial Intelligence and Data Science
Guru Jambheshwar University of Science & Technology, Hisar, Haryana
(Accredited 'A+' Grade by NAAC)

ABOUT THE DEPARTMENT

The Department of Artificial Intelligence and Data Science, established in 2019 under the mentorship of the Department of Mathematics, has emerged as an independent department of the University since July 2023. The Department has well-qualified and experienced faculty members. The department offers B.Sc. M.Sc. and Ph.D. programs in Computer Science, specializing in Artificial Intelligence and Data Science. With a wealth of expertise in their respective fields, the faculty members in the department are committed to fostering an environment of learning excellence, ensuring that students gain valuable insights and skills that are both cutting-edge and relevant to the rapidly advancing technological landscape. With a commitment to interdisciplinary excellence, the department aims to nurture the next generation of researchers, scientists, and innovators, empowering them to make significant contributions in the rapidly advancing fields of artificial intelligence and data science.

ABOUT THE PROGRAMME

In an era marked by the dynamic evolution of technology, particularly in the realms of Artificial Intelligence and Data Analytics, it is imperative for educators to stay abreast of the latest developments. The proposed Faculty Development Programme on Artificial Intelligence and Data Analytics, scheduled from 12th to 17th February 2024, provides the faculty members, researchers and students with a unique opportunity to delve into the intricacies of Artificial Intelligence and Data Analytics, fostering a deeper understanding of concepts, methodologies, and applications. The program encompasses a diverse range of topics, including machine learning, deep learning, data analytics, and security analytics. The Faculty Development Programme is a strategic initiative aimed at empowering educators and researchers to navigate the complexities of AI and Data Analytics, ensuring they remain at the forefront of technological advancements in the academic landscape.

CONTENT

The various topics that are expected to be covered (not limited to) in this FDP are as follows:

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Reinforcement Learning
- Data Analytics
- Security Analytics
- Natural Language Processing
- Anomaly Detection and Fraud Prevention
- Industry Perspectives and Case Studies
- Research Trends and Emerging Technologies
- Hands-on Sessions

RESOURCE PERSONS

Distinguished and Eminent persons from Industries/ Research Organizations/ Institutes of national importance/repute will be the resource persons for the programme AIDA-2024.

WHO SHOULD ATTEND?

The faculty members, Industry Professional, Research scholars and students.

SELECTION PROCESS

The seats are limited and candidates will be selected on first-come first-serve basis.

REGISTRATION

Please register at
<https://forms.gle/8CZnNDsgqFa7PQVA>
QR Code for Registration



OR

<https://forms.gle/mu3BZKSibmWycfr38>
QR Code for Registration



REGISTRATION FEE

For Students/Researchers:	Rs. 300/-
For Faculty Members:	Rs. 500/-
For Industry Professional:	Rs. 1000/-

DETAILS FOR ONLINE TRANSACTION/NEFT

Account Name: Registrar, GJUS&T, Hisar
Account Number: 4674000100036542
IFSC Code: PUNB0467400
Bank: Punjab National Bank, GJUS&T, Hisar

QR Code for Payment



FDP DELIVERY MODE

Online FDP will be delivered through Microsoft Team/ Zoom/ Google Meet platform with adequate security features. The participants will attend the sessions by logging in from their computer/laptop.

CERTIFICATION

E-certificates shall be issued by university to those participants who have attended the program with 80% attendance and scored minimum of 60% marks in the test conducted at the end of the FDP.

CONTACT
COORDINATORS
Dr. Amandeep Noliya
Assistant Professor
Department of Artificial Intelligence and Data Science,
Guru Jambheshwar University of Science & Technology,
Hisar, Haryana
Email: am.noliya@gmail.com
Mobile No. 9467448484

Dr. Sunil Kumar
Assistant Professor
Department of Artificial Intelligence and Data Science,
Guru Jambheshwar University of Science & Technology,
Hisar, Haryana
Email: sunilkaushik27@gmail.com
Mobile No. 9729254300



The Family Corporation Inspires Future Data Scientists at GJU Hisar's Department of Data Science

GJU Hisar's Department of Data Science recently held a vital Industry Interaction Program. This event enabled a meaningful conversation between students and Mr. Dhruv Singroha, a representative of The Family Corporation, offering our students insights into the practical aspects of data science.

Keynote Presentation :

Mr. Singroha began the session with an informative talk about The Family Corporation. This company works in two areas: hardware and software. The hardware part includes electronics, IoT, and agriculture, and they've even developed inventive solutions like see-through solar panels. On the software side, Mr. Singroha showcased various projects like Student Marks analysis, Grocery Delivery system, and Gym Management System. These examples emphasized the essential role of data science in these real-world applications.



Interactive Q&A:

A highlight of the event was the interactive Q&A session, where students got to ask important questions about how The Family Corporation operates.

Q: "How does your company make money?"

A: Mr. Singroha explained that the ways they earn money may differ between projects, but they mainly make profits through subscription fees from app users and fees charged to their clients.

Q: "Where do you get data for analysis?"

A: In response, Mr. Singroha clarified that they collect data from their clients and different organizations. They also actively gather data using web scraping techniques to improve their algorithms continually.

Q: "What technical skills are needed for success in your field?"

A: Mr. Singroha stressed that the data science tools available today, like ChatGPT, can be used to create entire projects. They provide comprehensive training to freshers in the technical skills required for their projects and the industry at large. However, having a strong foundation in data science basics, familiarity with tools like Python, NUMPY, PANDAS, R, POWER BI, and good soft skills would be beneficial.

Student Participation :

The Industry Interaction Program also gave students a chance to showcase their skills and projects. Students enthusiastically shared their expertise in programming languages such as Python, C++, SQL, and their ongoing projects. These projects included Covid Analysis, Supermarket Analysis, Hospital Management Systems, and others, displaying the diversity of interests and abilities within our student community.



The success of the program was further enhanced by the active participation and encouragement of our esteemed faculty members, including Prof. Dharmender Kumar, Dr. Amandeep, Dr. Sunil Kumar, Mr. Sandeep, and Mr. Paru Raj. They extended their best wishes to the students and highlighted the many advantages of pursuing a career in data science.

The Industry Interaction Program, organized by Data Wave under the mentorship of Rahul Sihag, was a valuable experience for our students. It not only bridged the gap between classroom learning and real-world applications but also provided a practical perspective on data science. The collaboration between GJU

DEPARTMENT OF BIOTEHNOLOGY

(IV) NAME : DEPARTMENT OF BIOTECHNOLOGY

(II) Year of Establishment : 1998

(V) (a) Vision of the Department:

The Department is committed to achieve high standards in both research and teaching and train competent technocrats and creating knowledge power house in the areas of Biotechnology, Microbiology and Nanotechnology.

The Department aspires to lead in the areas of Plant Biotechnology, Microbial Biotechnology, Genomics, Metabolomics and Nanobiotechnology with a focus on identified areas with high economic impact.

(b) Mission of the Department:

- To achieve high standards of teaching by innovating pedagogy, instilling in students the ability to be lifelong learners and continually upgrading the course curriculum in line with international standards to meet the requirement of industry and research community.
- To provide CBCS & LOCF based curriculum for the professional development of students as per their aspirations.
- To provide conducive environment for faculty members and doctoral students to excel in teaching and research.
- To create opportunities and a supporting infrastructure for students through laboratory courses, thesis and trainings in basic and applied areas of Bio & Nano Technology to achieve their aspirations.
- To promote creativity, critical thinking & problem solving aptitude among students so that they are ready for tomorrow's world.

(c) Objective of the Department:

(As resolved by Staff Council)

Imparting quality teaching and research activities in diverse areas including Plant Biotechnology, Microbial Biotechnology, Nanobiotechnology, and Animal Biotechnology

(VI) Programme(s) offered in the Department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D. Microbiology; Biotechnology; Nano Science and Technology	Variable	57 (08 pre PhD Students include)
P.G M.Sc Biotechnology; M.Sc Microbiology;	30+14+5* 40+5*	28+28=56 38+32=70
U.G Dual degree B.Sc. (Hons), M.Sc Life Science	60+5*	60+43+31+21+31=186

*Supernumerary

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

Professor		Associate Professor		Assistant Professr	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
02	-	03	01	8	07

Name	Designation	Specialization
Prof. Neeraj Dilbaghi	Professor	Bionanotechnology, Molecular Microbiology, Biosensors
Prof. Namita Singh	Professor	Microbial Biotechnology, Bio active compound, enzymology, Bioenergy, Environmental Biotechnology
Prof. Vinod Chhokar	Professor	Biochemistry, Enzymology, Plant Biotechnology, Molecular Biology, Genomics and Metabolomics
Prof. Anil Kumar	Professor and Chairperson	Animal Biotechnology, Microbial Biotechnology, Immunology, Fermentation Technology
Dr. Sandeep Kumar* * (On EOL)	Associate Professor	Nano Science & Technology
Dr. Rajesh Thakur	Associate Professor	Plant Tissue culture, Nano Technology
Dr. Santosh Kumari	Associate Professor	Genetics, Nanotechnology
Dr. Sapna Grewal	Assistant Professor	Plant Biotechnology and Plant Nanotechnology, Crop Improvement

(VI) Office/Tech. staff detail:

Position	Sanctioned	In Position
Tech. Assistant	04	03
Lab Technician	03	--
Steno- Typist	01	01
Clerk	02	02
Peon	01	01
Lab Attendant-cum-Cleaner	08	04

VII(a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
MSc Microbiology	40+5*	38	28
MSc Biotechnology	30+14+5*	28	28
M.Tech (NS&T)	20	00	00

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes: Nil

(c) Detail of Foreign Students, if any, admitted in the Department: Nil.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
54	08	02	06

(IX) Sponsored Research/ Consultancy Projects:**(a.)**

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
12	06	06

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Exploring the potential of Cerium Nanoparticles for water deficit stress mitigation in <i>Triticum aestivum</i>	Dr Sapna Grewal (PI)	Ongoing	Research	2023-24
Development of nanoformulations of novel anticancer metabolites from Ginger	Prof. Vinod Chhokar	Ongoing	Research	2021-24
Biochemical and molecular approaches to understand nutritional and industrial quality of barley	Prof. Vinod Chhokar	Ongoing	Research	2021 to 2025
Development of MOF/QD based optical sensor for determination of Phosphate in agricultural land to facilitate effective crop cultivation	Prof. Neeraj Dilbaghi (PI) Dr. Sandeep Kumar (CO-PI)	Ongoing	Research	August 2020-23
Focus on Integrated Nanoscale point-of-care devices for high performance multiplexed monitoring of priority Antibiotics	Prof. Neeraj Dilbaghi Dr. Sandeep Kumar	ongoing	SPARC International academic and Research collaborations	2023
Metal-organic framework-based platform for removal of pesticides in Haryana and Punjab region	Dr. Sandeep Kumar (PI) Prof. Neeraj Dilbaghi (Co-PI)	Ongoing	Research	January 2018
Development of Novel Metal Organic Frameworks-based Platform for Pesticide Removal in Haryana and Punjab Region	Dr. Sandeep Kumar (PI) Prof. Neeraj Dilbaghi (Co-PI)	Ongoing	Research	August 2018
Profiling bacteriophages of the food and exploring their application to control food borne pathogens	Prof. Namita Singh (Mentor) Dr. Madhvi Chahar (PI)	Ongoing	Research	2022-25
To study the synergistic effect of Nano particle of piperine, paclitaxel and both on the inhibition of	Prof. Namita Singh (Mentor) Dr. Monika Verma (PI)	Ongoing	Research	2020-23

the Mitigation of Invasion of Human breast cancer cells by Targetting epithelial to mesenchyma Transition				
Development and Characterization of Various thin films for biological applications	Prof. Namita Singh	Complete	Research	2022
Exploring the antiviral and anticancer potential of Berberinenanoformulations	Dr. Santosh Kumari	Completed	Research	2022-23
Isolation, screening and characterization of lignocellulose degrading bacteria from soil sample	Prof. Anil Kumar	Completed	Research	2022
Development of low cost, self-healing antimicrobial nanogel based patch/bandages for wound healing	Dr. Rajesh Thakur	Ongoing	Research	Sept, 2022
Formulation of nanoparticulate delivery systems for phytoconstituents with anti-inflammatory potential.	Dr. Rajesh Thakur	Ongoing	Research	Feb, 2023
Development of MOF/QD based optical sensor for determination of Phosphate in agricultural land to facilitate effective crop cultivation	Prof. Neeraj Dilbaghi (PI) Dr. Sandeep Kumar (CO-PI)	Ongoing	Research	August 2020-23

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
Prof. Neeraj Dilbaghi	17		11		05
Prof. Namita Singh	11		11		01
Prof. Vinod Chhokar	12		12		
Prof. Anil Kumar	10		10		
Dr. Rajesh Thakur	05		05		
Dr. Santosh Kumari	08		08		
Dr. Sapna Grewal	10		10		04
Dr. Anita Gill (Contractual faculty)	03				
Dr. Rakesh Yadav (Contractual Faculty)					
Dr. KD Rawat (Contractual faculty)	01				
Dr. Ravinder Kumar (Contract faculty)	07		07		
Dr. Nayan Tara (Contract faculty)	01				

(XI) Faculty wise detail of publication during the academic year:**b) Books/Book Chapters/ Monograph etc.**

Authors	Title	Year of publication	Type of books(Text/ Reference/Report)	Publishers
Sapna Grewal	Exploring the potential of nanotechnology in cotton breeding: huge possibilities ahead	2022		CRC Press, Taylor & Francis
Sapna Grewal	Metabolic Engineering for High-Value Bioactive Compounds from Medicinal Plants.	2023		Springer, Singapore
Sapna Grewal	Impact and current perspectives of NPs on soil nutrients	2023		Academic Press
Sapna Grewal	Biostimulants and regulation of Cr, Pb, Fe, Zn, Hg, Cu, Mn, and Ni stress in plants	2023		Academic Press
Shikha Jain, Monika Nehra, Rajesh Kumar, NeerajDilbaghi, Sandeep Kumar	Quantum dots and conjugated metal-organic frameworks for targeted drug delivery and bioimaging of cancer	2023	Text	Wood head publishing
Jyotsana Mehta, Manjit Singh Jadon, NeerajDilbaghi, Sandeep Kumar	Fluorescent inorganic nanoparticles for bioimaging and therapeutic applications	2023	Text	Wood head publishing
Urmila Chakraborty, Gaurav Bhanjana, Navneet Kaur, Gurpreet Kaur, Ajeet Kumar Kaushik, Sandeep Kumar, Ganga Ram Chaudhary	Design and testing of nanobiomaterials for orthopedic implants	2023	Text	Wood head publishing
Yesbinder Kaur, Urmila Chakraborty, Gaurav Bhanjana, Preeti Garg, Gurpreet Kaur, Savita Chaudhary, Sandeep Kumar, Ganga Ram Chaudhary	Carbon-based nanogels as a synergistic platform for bioimaging and drug delivery	2023	Text	Wood head publishing
SonamKumari, NeerajDilbaghi, Ganga Ram Chaudhary, Sandeep Kumar	Optical Nanosensors and Their Integrated Approaches for the Detection of Pathogens	2023	Text	Springer Nature Singapore

Vishwajeet Gaikwad, Anil Panghal, ShubhamJadhav, Sunil Kundu, Namita Singh, Navnidhi Chhikara	Design schematics, operational characteristics and process applications of bioreactors	2023	Microbes in the Food Industry,	Wiley 231-247
Renuka Sharma and Namita Singh	Introduction of UV B Radiation	2022	UV-B Radiation and Crop Growth, Plant Life and Environment Dynamics,	Volume , Year 2022, Pages 1-10
Meena Sindhu, Vikas Sangwan, Nayantara , Shreya Talan, Sonu Chauhan, Sachin Kumari	Realms of nanostructured microbial enzymes: formulation, characterization and novel Opportunies https://doi.org/10.1515/9783110754476	2023	BOOK- Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors	Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors, Berlin, Boston: De Gruyter, 2023.
Vishwajeet Gaikwad ., Anil Panghal ., Shubham Jadhav ., Sunil Kundu ., Namita Singh . Navnidhi Chhikara	Design schematics, operational characteristics and process applications of bioreactors.	2023	Microbes in the Food Industry.	Online ISBN:9781119776406

b) Research Papers/ Articles in Journals

Sr. No	Authors	Year	Title of paper	Name of Journal	Vol.& No.	Pages
Prof. NeerajDilbaghi						
	Wandit Ahlawat, NeerajDilbaghi, Rajesh Kumar, Nitin Kumar Singhal, Ajeet Kaushik, Sandeep Kumar	2023	Adsorption of harmful dyes and antimicrobial studies utilizing recyclable ZnO, its composites with conventionally used activated carbon, and waste orange peel as a greener approach	Journal of Environmental Chemical Engineering	11	110268
	Monika Nehra, Anjali Rohilla, Nisha Beniwal, NeerajDilbaghi, Rajesh Kumar, Sandeep Kumar	2023	Molecularly Imprinted Polymers/Metal–Organic Framework (MIL-53) for Fluorescent Sensing of Ciprofloxacin in Water	Journal of Environmental Chemical Engineering	35	30
	Shakuntala Rani, Rajender Singh Kundu, Vinod Kumar Garg, Balvinder Singh, Amanjeet Panghal, NeerajDilbaghi	2023	Radon and thoron exhalation rate in the soil of Western Haryana, India	Engineering Proceedings	195	523
	Sandeep Singh, Balvinder Kumar, Neeraj	2023	Nanoformulation of a Trypanocidal Drug Isometamidium Chloride Ameliorates the Apurinic-	Environmental Monitoring and	13	148-158

	Dilbaghi, Nisha Devi, Minakshi Prasad, Anju Manuja		Apyrimidinic DNA Sites/Genotoxic Effects in Horse Blood Cells	Assessment		
	Shikha Jain, Neeraj Dilbaghi, Nitin Kumar Singhal, Ajeet Kaushik, Ki-Hyun Kim, Sandeep Kumar	2023	Carbon quantum dots@ metal–organic framework based catalytic nucleic acid fluorescent system for highly sensitive and selective detection of Pb ²⁺ in aqueous solutions	Journal of Xenobiotics	457	141375
	Shakuntala Rani, RS Kundu, Vinod Kumar Garg, Balvinder Singh, Neeraj Dilbaghi, Amanjeet Panghal	2023	Natural Radionuclides in Surface Soil and Quantification of Associated Radiological Hazards in Fatehabad and Hisar districts, Haryana, India	Chemical Engineering Journal	61	945-954
	Monika Nehra, Rajesh Kumar, Neeraj Dilbaghi, Sandeep Kumar	2023	Controlled synthesis of Cu-MOF possessing peroxidase-mimetic activity for the colorimetric detection of tetracycline in aqueous solution	Indian Journal of Pure & Applied Physics (IJPAP)	47	7595-7603
	Pooja Choudhary, Gaurav Bhanjana, Sandeep Kumar, Neeraj Dilbaghi	2023	Synthesis and Evaluation of Naringin-Loaded Neem Oil Nanopesticial Emulsion for Sustainable Crop Management System	New Journal of Chemistry	3	101-109
	Monika Nehra, Neeraj Dilbaghi, Rajesh Kumar, Sunita Srivastava, K Tankeshwar, Ki-Hyun Kim, Sandeep Kumar	2023	Catalytic applications of phosphorene: Computational design and experimental performance assessment	International Journal of Food Microbiology		1-25
	J Mehta, RK Dhaka, N Dilbaghi, DK Lim, AA Hassan, KH Kim, S Kumar	2024	Recent advancements in adsorptive removal of organophosphate pesticides from aqueous phase using nanomaterials	Journal of Nanostructure in Chemistry	14 (1)	53-70
	S Kaur, PS Panesar, HK Chopra, N Dilbaghi	2024	Encapsulation of citrus polyphenols in multi-phase nano-emulsion: Preservative potential, bio-accessibility and cytotoxicity studies	Food Bioscience	59,	103911
	M Nehra, N Dilbaghi, R Kumar, S Srivastava, K Tankeshwar, KH Kim, et al	2024	Catalytic applications of phosphorene: Computational design and experimental performance assessment	Critical Reviews in Environmental Science and Technology	54 (3),	185-209

	MS Jadon, G Bhanjana, N Dilbaghi, NK Singhal, S Kumar	2024	Fabrication and evaluation of silver-doped magnesium oxide nanocomposite coatings for orthopaedics applications	Journal of Alloys and Compounds	972,	172848
	S Jain, M Nehra, R Kumar, N Dilbaghi, KH Kim, S Kumar	2024	Development of a FRET aptasensor based on MoS ₂ -doped Zn-MOF as luminophore for selective detection of cadmium in aqueous solutions	Microchimica Acta	191 (6),	1-11
	P Choudhary, G Bhanjana, S Kumar, N Dilbaghi	2024	Antibacterial Activity of Sustainable Thymol Nanoemulsion Formulations Against the Bacterial Blight Disease on Cluster Bean Caused by <i>Xanthomonas axonopodis</i>	Indian Journal of Microbiology,	1	1-11
	P Choudhary, G Bhanjana, S Kumar, N Dilbaghi	2024	Development and evaluation of eco-friendly carvacrol nanoemulsion as a sustainable biopesticide against bacterial leaf blight of cluster bean	Pest Management Science	80 (2),	452-462
	S Alhan, M Nehra, N Dilbaghi, S Kumar	2024	Synthesis of ZrO ₂ and its composite with activated carbon for lead adsorption and antibacterial applications	Hybrid Advances,	7	100321
	S Kumari, M Nehra, S Jain, A Kumar, N Dilbaghi, G Marrazza, G R Chaudhary, S Kumar	2024	Carbon dots for pathogen detection and imaging: recent breakthroughs and future trends	Microchimica Acta	191 (11),	684
	B Sharma, S Jain, N Dilbaghi	2024	A Novel Electrochemical Sensing Platform for Detection of Nitrobenzene Using Gadolinium Oxide Nanorods Modified Gold Electrode	Indian Journal of Microbiology,		1-10
	S Lal, M Kataria, R Rani, N Dilbaghi	2024	Gliadin Encapsulated Procyanidolic Oligomers Nanoformulation: Aggrandized Antimicrobial, Antioxidant as Well as Anticancer Potential Makes it an Effective Therapeutic Modality	Indian Journal of Microbiology,		1-14
	B Sharma, S Jain, S Kumar, AK Kaushik, N Dilbaghi	2024	Exploring highly electro-active zinc peroxide nanorod for selective detection of hydrazine	Sensors and Actuators A: Physical	373,	115429
	B Sharma, S Jain, A Umar, S Rani, S Kumar, AA Ibrahim, N Dilbaghi	2024	Synergistic electrochemical sensing of 2, 4-dinitrotoluene via bimetallic nickel-cobalt oxide nanoparticles	Chemical Physics Impact	8,	100470
	M Kataria, S Lal, N Dilbaghi	2024	Bio-templated Synthesis of Multi-functional Bimetallic Ag-Cu Nanospheres: Unveiling Therapeutic Potential	Nano LIFE	15	2450012

	M Kataria, S Lal, N Dilbaghi	2024	Bacteriologically Derived Copper Nanoparticles as Novel Arsenal Against Multidrug-Resistant Pathogens	Indian Journal of Microbiology,		1-9
	S Dahiya, R Rani, N Dilbaghi, D Dhingra, S Lal, J Verma	2024	Evaluation of the anti-depressant potential of EGCG-loaded nanoparticles in unstressed and stressed mice	RSC Pharmaceutics	1	344-356
Prof. Namita Singh						
	S. Mor, R. Punia, M. Khatri, D. Kumar, A. Kumar, D.K. Jindal, N. Singh, R. Sharma, M. Ahmed, S. Shukla	2023	Synthesis, biological evaluations and <i>in silico</i> studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents	Journal of Molecular Structure	202 (3)	136759
	Suryakant Panchal, Rajneesh Jaryal, Ruchi Urana, Manju Bala Bishnoi, Namita Singh	2023	Optimization of Physicochemical Conditions for the Phenanthrene Degrading Consortium NS-PAH-2015-PNP-5	Polycyclic Aromatic Compounds ,	43, 2023,	933-944
	Satbir Mor , Ravinder Punia, Mohini Khatri, Deepak Kumar, Ashwani Kumar, Deepak Kumar Jindal, Namita Singh , Renuka Sharma, Manzoor Ahmed, Sanket Shukla, Komal Jakhar	2023	Synthesis, biological evaluations and <i>in silico</i> studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents	Journal of Molecular Structure		136759
	Minakshi Prasad, Basanti Barar, Kiran Bala, Namita Singh	2023	Emerging Microbial Technologies	Indian Journal of Microbiology,	63(2)	231–234
	Anubha Sharma, Aman Kumar, Namita Singh , Sushila Mann	2024	Novel Isothermal Reverse Transcription Polymerase Spiral Reaction (RT-PSR) Assay for the Detection of Newcastle Disease Virus in Avian Species	Indian Journal of Microbiology		
	Madhvi Chahar , Anuj Rana , Vinay Kumar Gupta , Anu Singh , Namita Singh	2024	Application of a novel lytic phage to control enterotoxigenic Escherichia coli in dairy food matrices,	Biotech International Journal of Food Microbiology		0168-1605

	Madhvi Chahar , Anuj Rana , Vinay Kumar Gupta , Anu Singhc , Namita Singh	2024	Isolation and characterization of a novel phage ST BD for the biological control of Salmonella in dairy food matrices	Biotechnolo gy Food Control		1873- 7129
	Jagdish PARSHAD , Ravinder KUMAR , Vinod CHHOKAR , Nagaraj PATIL, Vikas BENIWAL , Namita SINGH	2024	Paddy straw management: alternative strategies and emerging technology for sustainable ecosystem	Pedosphere		1002- 0160
	Prashad J., Singh R., Yadav A., and Singh N.	2024	Bioremediation of Chromium and Arsenic contaminated soil using the potential of fungi for healthy ecosystem	Asian Journal of Mycology		2651- 1339
	Namita Singh , Annu Yadav, Sumistha Das, Nitai Debnath	2024	Recent advances in heavy metal/metalloid ion treatment from wastewater using nanocomposites and bionanocomposites	Frontier in Nanotechno logy	6	1307353
	Minakshi Lalit, Nitin Kumar, Hari Mohan, Vikas Hooda, Na mita Singh	2024	Development of molecularly imprinted polymer-based screen- printed electrode sensor for the detection of cyanotoxin,	Journal of Applied Bioanalysis	27	9-20
	Nikita Goyat · Rajeev Kumar Kapoor · Baljeet Singh Saharan · Prexha Kapoor Kajal Kumari, Namita Singh	2024	Production, Purification and Immobilization of Laccase from <i>Trametes versicolor</i> HBB 7328 for its Role in Decolorization of Textile Dyes	INJM		1-14
	Santosh Yadav Minakshi Prasad Namita Singh	2023	Biosensor: An Emerging Technological Tool for Microorganisms and Its Disease Diagnosis	Indian Journal of Microbiolo gy	(63)4	1-9
	Ruchi Urana ., Jyoti Yadav ., Suryakant Panchal ., Praveen Sharma , Namita Singh	2024	Phytoremediation of PAH compounds by microbial communities in sodic soil.	Internationa l Journal of Phytoremed iation	23(11)	1501- 1509
	Minakshi Lalit , Manju Bala Bishnoi , Vikas Hooda , Namita Singh	2024	A Computational Approach for Selection of Suitable Monomer for the Detection of Cyanobacterial Hepatotoxin.	Journal of Chemical Health Risks	14	1-9
	Dilfuza Jabborova, Kakhramon Davranov, Zafarjon Jabbarov, Yuriy Singh Namita	2024	Impact of Growth-Promoting Endophytic Bacteria on Ginger Plant Growth ,	Indian Journal of Microbiolo gy		0046- 8991

	S. Mor, R. Punia, M. Khatri, D. Kumar, A. Kumar, D.K. Jindal, N. Singh, R. Sharma, M. Ahmed, S. Shukla	2024	Synthesis, biological evaluations and in silico studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents,	Journal of Molecular Structure		0022-2860
Prof. Vinod Chhokar						
	Sonia Sihag, Hossam E Rushdi, Anil Kumar, AlkaJangra, Mohamed S Hassanane, Abdel-ShafyHamdy, Vinod Chhokar	2023	Polymorphic variants analysis in Peroxisome proliferator-activated receptor gamma coactivator 1-alpha (PPARGC1A) Gene of Indian and Egyptian buffaloes	Indian Journal of Animal Research	57 (11)	1474-1479
	AlkaJangra, SiddhantChaturvedi, Naveen Kumar, Hardeep Singh, Vishal Sharma, Manisha Thakur, Siddharth Tiwari, Vinod Chhokar	2023	Polyamines: the gleam of next-generation Plant growth regulators for growth, development, stress mitigation, and hormonal crosstalk in plants—A systematic review	Journal of Plant Growth Regulation	42 (8)	5167-5191
	Jangra, A., Chaturvedi, S., Sharma, G., Sihag, S., Tiwari S., and Chhokar, V	2023	Efficient Agrobacterium tumefaciens-mediated genetic transformation of <i>Aloe vera</i> .	Plant Cell, Tissue, and Organ Culture	154	189-200
	Malik C, Dwivedi S, Rabuma T, Kumar R, Singh N, Kumar A, Yogi R, Chhokar V	2023	<i>De novo</i> sequencing, assembly, and characterization of <i>Asparagus racemosus</i> transcriptome and analysis of expression profile of genes involved in the flavonoid biosynthesis pathway	Frontier in Genetics	14	1236517
	Rabuma, T., Gupta, O.P., and Chhokar, V.	2023	Genome-wide comprehensive analysis of miRNAs and their target genes expressed in resistant and susceptible <i>Capsicum annuum</i> genotypes during <i>Phytophthora capsici</i> infection.	2	298	273-292
	Monika Rani, Sandeep Jaglan, Vikas Beniwal, Vinod Chhokar	2023	Bioactive saponin profiling of endophytic fungi from <i>Asparagus racemosus</i>	Natural Product Research	37 (22)	3889-3895
	Jangra, A., Chaturvedi, S., Sharma, G., Sihag, S., Tiwari S., and Chhokar, V	2023	Efficient Agrobacterium tumefaciens-mediated genetic transformation of <i>Aloe vera</i> .	Plant Cell, Tissue, and Organ Culture	154	189–200

	Malik C, Dwivedi S, Rabuma T, Kumar R, Singh N, Kumar A, Yogi R, Chhokar V	2023	De novo sequencing, assembly, and characterization of <i>Asparagus racemosus</i> transcriptome and analysis of expression profile of genes involved in the flavonoid biosynthesis pathway	Frontier in Genetics	14	doi.org/1 0.3389/fg ene.2023. 1236517
	G Sharma, A Jangra, S Sihag, S Chaturvedi, S Yadav, V Chhokar	2024	<i>Bryophyllum pinnatum</i> (Lam.) Oken: unravelling therapeutic potential and navigating toxicity	Physiology and Molecular Biology of Plants,	30(9)	1413- 1427
	S Sihag, MA Zahran, H Abdel-Shafy, V Chhokar, A Kumar, S Abou- Bakr	2024	Genetic Diversity of GPAM, DGAT1, and SCD1 Lipogenic Candidate Genes In Egyptian and Indian Buffalo	Egyptian Journal of Veterinary Sciences,		1-14
	S Mehrotra, V Goyal, CO Dimkpa, V Chhokar	2024	Green Synthesis and Characterization of Ginger-Derived Silver Nanoparticles and Evaluation of Their Antioxidant, Antibacterial, and Anticancer Activities	Plants	13 (9),	1255
	N Kaur, R Kumar, S Alhan, H Sharma, N Singh, R Yogi, V Chhokar,	2024	<i>Lycium shawii</i> mediated green synthesis of silver nanoparticles, characterization and assessments of their phytochemical, antioxidant, antimicrobial properties	Inorganic Chemistry Communicatio ns	159,	111735
Prof. Anil Kumar						
	Soni, S., Chhokar, V., Beniwal, V., Kumar, R., Badgujjar, H., Chauhan, R., ...& Kumar, A	2023	Cost effective media optimization for PHB production by <i>Bacillus badius</i> MTCC 13004 using the statistical approach	International Journal of Biological Macromolecul es	233	123575
	Dhull, P., Lohchab, R. K., Kumar, S., Kumari, M., & Bhankhar, A. K.	2023	Anaerobic Digestion: Advance Techniques for Enhanced Biomethane/Biogas Production as a Source of Renewable Energy	BioEnergy Research	2023	1-22
	Singh, K., Gera, R., Sharma, N., Parshad, J., Singh, S.K., & Kumar, A	2023	Amminocyclopropane-1- carboxylate (ACC) Utilization and Indole-3-acetic Acid (IAA) Production by <i>Sesbania rostrata</i> rhizobial isolates	Biological Forum – An International Journal	14(3)	70-76
	Priyanka, Anil Kumar, Vinod	2023	Understanding the role of bacterial genes and enzymes in	International Journal of	5(1):	143-154

	Chhokar, &VikasBeniwal		organophosphate degradation: a step towards enhanced bioremediation	Biological Innovations		
	N Kaur, R Kumar, S Alhan, H Sharma, N Singh, R Yogi, V Chhokar, ...	2024	Lycium shawii mediated green synthesis of silver nanoparticles, characterization and assessments of their phytochemical, antioxidant, antimicrobial properties	Inorganic Chemistry Communications	159,	111735
	P Dhull, RK Lohchab, S Kumar, M Kumari, Shaloo, AK Bhankhar	2024	Anaerobic digestion: Advance techniques for enhanced biomethane/biogas production as a source of renewable energy	BioEnergy Research	17 (2),	1228-1249
	P Dhull, RK Lohchab, M Kumari, K Singh, AK Bhankhar	2024	A Facile Method for Synthesis of α -Fe ₂ O ₃ Nanoparticles and Assessment of Their Characterization.	Nature Environment & Pollution Technology	23 (1)	321-330
	P Dhull, K Singh, AK Bhankhar, RK Lohchab	2024	Characterization of Rice Straw and Biogas Production under Mesophilic Conditions	Annals of Agri-Bio Research	29 (1)	8-16,
	J Parshad, R Kumar, V Chhokar, N Patil, V Beniwal, N Singh, A Kmar	2024	Paddy straw management: alternative strategies and emerging technology for sustainable ecosystem	Pedosphere	Accepted	
Dr Rajesh Thakur						
	S Dhania, M Bernela, R Rani, M Parsad, R Kumar, R Thakur	2023	Polyhydroxybutyrate (PHB) in nanoparticulate form improves physical and biological performance of scaffolds	International Journal of Biological Macromolecules	236,	123875
	S Dhania, R Rani, R Kumar, R Thakur	2023	Fabricated polyhydroxyalkanoates blend scaffolds enhance cell viability and cell proliferation	Journal of Biotechnology	361,	30-40
	A Choudhary, RK Salar, R Thakur	2024	Synthesis, characterization and insecticidal activity of Mentha spicata essential oil loaded polymeric nanoparticles	Biocatalysis and Agricultural Biotechnology	55,	102989
	M Bernela, P Kaushal, N Verma, R Thakur, M Ahuja, P Kaur	2023	Anti-Inflammatory Therapeutics: Conventional Concepts and Future with Nanotechnology	Recent Advances in Inflammation & Allergy Drug Discovery	17 (1),	7-19
	Priyanka, R Thakur, J Dutta	2023	N-succinyl chitosan-cellulose acetate-based bionanocomposite films: Preparation and characterization	Journal of Materials Research	38 (10),	2738-2751
Dr. Santosh Kumari						
	R Boora, N Rani, S Kumari, S Yashveer, N Kumari, S Grewal	2023	Efficacious role of silica nanoparticles in improving growth and yield of wheat under drought stress through stress-gene upregulation	Plant Nano Biology	6,	100051
	J Bakshi, M Mehra, S	2023	Berberine loaded tragacanth-acacia gum nanocomplexes: synthesis,	Journal of Cluster	34 (2),	747-760

	Grewal, D Dhingra, S Kumari		characterization and evaluation of in vitro anti-inflammatory and antioxidant activity	Science		
	J Bakshi, S Grewal, D Dhingra, S Kumari	2023	Improving the biological properties of berberine by using gellan and gum acacia as a potential delivery carrier	Carbohydrate Polymer Technologies and Applications	6,	100347
	M Mehra, J Sheorain, J Bakshi, R Thakur, S Grewal, D Dhingra, S Kumari	2024	Synthesis and evaluation of berberine loaded chitosan nanocarrier for enhanced in-vitro antioxidant and anti-inflammatory potential	Carbohydrate Polymer Technologies and Applications	7,	100474
	M Mehra, J Sheorain, J Bakshi, S Grewal, D Dhingra, M Bernela, ...	2024	Sodium alginate polymer nanoformulation as promising carrier for berberine delivery: Synthesis, morphology and in-vitro evaluation	Carbohydrate Polymer Technologies and Applications	7,	100408
	P Sheoran, S Grewal, S Kumari, S Goel	2024	Effect of Environmentally Benign Nano-nitrogen, Potassium, Zinc on Growth and Yield Enhancement in Triticum aestivum	Indian Journal of Agricultural Research	58 (3),	480-483
	J Bakshi, P Lathar, A Verma, D Lather, S Grewal, D Dhingra, S Kumari	2024	Potential of anti-obesity activity of berberine through its encapsulation in guar-acacia gum nanocomplexes in Wistar albino rats			
	R Boora, N Rani, S Kumari, S Goel, A Arya, S Grewal	2024	Exploring the role of green synthesized cerium nanoparticles in enhancing wheat's drought tolerance: a comprehensive study of biochemical parameters and gene expression	Cereal Research Communications		1-12
Dr Sapna Grewal						
	Neeru Singh Redhu, Shikha Yashveer, Jyoti Taunk, Parikha Banga, Vikram Singh, Jayanti Tokas, Sapna Grewal and Indu Arora	2023	Plant microRNAs: Unexplored biogenesis, prediction tools and applications. Gene Reports	Gene Reports	32	101799
	Jyoti Bakshi, Sapna Grewal , Dinesh Dhingra and Santosh Kumari	2023	Improving the biological properties of berberine by using gellan and gum acacia as a potential delivery carrier. Carbohydrate Polymer	Technologies and Applications	6	100347
	Suman Pahal, Kumari Arpita,	2023	Understanding the structure and function of GDSL-type	Plant Stress.		100246

	Harsha Srivastava, Sandhya Sharma, Sapna Grewal , Kishore Gaikwad		esterase/lipase genes in pigeon pea for their role under moisture stress conditions.			
	Rekha Boora, Neelam Rani, Santosh Kumari, Shikha Yashveer, Nisha Kumari, Sapna Grewal	2023	Efficacious role of Silica Nanoparticles in improving growth and yield of Wheat under drought stress through stress-gene upregulation.	Plant Nano Biology	6	100051
	Suman Pahal, Kumari Arpita, Harsha Srivastava, Sandhya Sharma, Sapna Grewal , Kishore Gaikwad	2023	Comparative transcriptome analysis of two contrasting genotypes provides new insights into the drought response mechanism in pigeon pea (Cajanus cajan L. Millsp.)	Genes and Genomics (Springer nature)	46	65-94
	Meenakshi Mehra, Sapna Grewal , Dinesh Dhingra, Rajesh Thakur and Santosh Kumari	2023	Synthesis and Optimization of Sodium Alginate-Tween 80 nanocarrier for Berberine delivery	Journal of Advanced Zoology	44 (2)	4644-4654
	Meenakshi Mehra, Jyoti Sheorain, Jyoti Bakshi, Sapna Grewal , Dinesh Dhingra, Manju Bernela and Santosh Kumari	2024	Sodium alginate polymer nanoformulation as promising carrier for berberine delivery: Synthesis, morphology and in-vitro evaluation.	Carbohydrate Polymer Technologies and Applications.	7	100408
	Rekha Boora, Neelam Rani, Santosh Kumari, Sonia Goel, Aditi Arya, Sapna Grewal	2024	Exploring the role of green synthesized cerium nanoparticles in enhancing wheat's drought tolerance: a comprehensive study of biochemical parameters and gene expression.	Cereal research Communication		1-12
	M Mehra, J Sheorain, J Bakshi, R Thakur, S Grewal, D Dhingra, S Kumari	2024	Synthesis and evaluation of berberine loaded chitosan nanocarrier for enhanced in-vitro antioxidant and anti-inflammatory potential	Carbohydrate Polymer Technologies and Applications	7,	100474
	Usha Rani, Munesh Kumar, Sapna Grewal , Santosh Kaushik and Rajesh Thakur	2024	Novel Synthesis of trans-ferulic acid loaded tragacanth-chitosan nanoformulations and evaluation of their biological activities.	European Journal of Medicinal Chemistry Reports	11	100165
	Sapna Grewal , Rekha Boora, Santosh Kumari, Rajesh Thakur and Sonia Goel	2024	Fascinating aspects of nanosilicon enabled plant stress tolerance - A comprehensive review.	Plant Nano Biology		

Dr. Ravinder Kumar (Contractual Faculty)						
	Rajesh Yogi, Naveen Kumar, Ravinder Kumar, Mukesh Kumar	2023	Linkage planning of QTL for agronomic and root qualities utilizing IB370 × MAS25 (<i>Oryza sativa</i> L.)-F ₂ population developed under water restricted conditions	Acta Physiologiae Plantarum	45:5	69
	Mukesh Kumar, Ravinder Mehra, Rajesh Yogi, Nitesh Singh, Raj Kumar Salar, Gauri Saxena, Sarvesh Rustagi	2023	A novel tannase from <i>Klebsiella pneumoniae</i> KP715242 reduces haze and improves the quality of fruit juice and beverages through detannification	Frontiers in Sustainable Food Systems	7	1173611
	Vijay Kumar, Kashmiri Lal, Ravinder Kumar, Anil Kumar, Ramling S Mathpati, Madhur Babu Singh, Kamlesh Kumari	2023	Click synthesis, antimicrobial, DNA photocleavage and computational studies of oxindole-tethered 1H-1,2,3-triazoles	Future Medicinal Chemistry	15(13)	1115-1131
	S Soni, V Chhokar, V Beniwal, R Kumar, H Badgajjar, R Chauhan	2023	Cost effective media optimization for PHB production by <i>Bacillus badius</i> MTCC 13004 using the statistical approach	International Journal of Biological Macromolecules	233,	123575
	V Kumar, K Lal, R Kumar, A Kumar, RS Mathpati, MB Singh, K Kumari	2023	Click synthesis, antimicrobial, DNA photocleavage and computational studies of oxindole-tethered 1H-1,2,3-triazoles	Future Medicinal Chemistry	15 (13),	1115-1131
	C Malik, S Dwivedi, T Rabuma, R Kumar, N Singh, A Kumar, R Yogi	2023	<i>De novo</i> sequencing, assembly, and characterization of <i>Asparagus racemosus</i> transcriptome and analysis of expression profile of genes involved in the flavonoid ...	Frontiers in Genetics	14,	1236517
	N Kaur, R Kumar, S Alhan, H Sharma, N Singh, R Yogi, V Chhokar, ...	2024	<i>Lycium shawii</i> mediated green synthesis of silver nanoparticles, characterization and assessments of their phytochemical, antioxidant, antimicrobial properties	Inorganic Chemistry Communications	159,	111735
Dr. K D Rawat (Contractual Faculty)						
	B Datten, AA Chaudhary, S Sharma, L Singh, KD Rawat, MS Ashraf,	2023	An extensive examination of the warning signs, symptoms, diagnosis, available therapies, and prognosis for lumpy skin disease	Viruses	15 (3),	604

Dr Anita Rani Gill						
	Amit Kumar, Chahat Sharma, Pooja Sharma, Raj Singh, Anita Rani Gill and Soniya Goyal.	2024	Diazotrophs: An essential Microflora to sustain the agriculture land to improve the cereals production.	Indian Journal of Natural Sciences.	15(84).	73819-73826.
	Divya Sharma, Anita Rani Gill , Poonam Bansal, Soniya Goyal, Pooja Sharma, Moyad Shahwan, Seema Ramnivas, Hardeep Singh Tuli	2024	Targeting NSP-13 protein of SARS CoV-2 with selected natural compounds: An in-silico approach	<i>Journal of Applied and Natural Science,</i>	16(2)	865-873.
	Soniya Goyal, Amit Kumar, Pooja Sharma, Anita Rani Gill , Anil Kumar Sharma, Ashwanti Devi and Chahat Sharma	2024	Comparative study of nitrogen-fixing bacteria in terrestrial and aquatic habitats: Insights and Future Prospects.	Biosciences Biotechnology Research Asia.	2	21

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Prof. Neeraj Dilbaghi	03	02	05	3	4	07
Prof. Namita Singh	03	01	04	16	04	20
Dr. Sapna Grewal	-	2	02	-	02	02
Dr. RavinderKumar (Contractual Faculty)	-	01	01	-	-	-
Dr Rakesh Yadav (Contractual Faculty)	01	-	-	-	-	-
Dr Aniata Gill (Contractual Faculty)	01	01	-	-	-	-
Dr KD Rawat (Contractual Faculty)	01	-	-	-	-	-
Dr NayanTara (Contractual Faculty)	01	-	-	-	-	-

(b)International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Dr. Neeraj Dilbaghi	As invited speaker on topic Sensors based on 2D materials.	International Workshop on Multiscale Modelling of Materials in Carbon Related Nanostructures	Central University of Haryana	Mahendergarh	12-05-2023	
	Recent Trends in Smart and Sustainable Agriculture for Food and Nutritional Security	International Conference on Recent Trends in Smart and Sustainable Agriculture for Food and Nutritional Security (SSAF NS 2024)	LPU Jalandhar	Jalandhar (Punjab)	27-28 Sept 2024	DBT, DST, ICAR
	Recent Trends in Disease Diagnosis	International Conference on Recent Advances In Health Sciences	LPU Jalandhar	Jalandhar (Punjab)	14-15 Apr 2023	DBT, DST
Prof. Namita Singh	As Invited speaker and organizer	62 nd Annual International Conference Association of Microbiologists of India		Rohtak	2023	
	National Academy of Sciences Ujbekistan.	Development and characterization of a polycyclic aromatic hydrocarbon (PAH) degrading microbial consortium,	National Acadmy of Sciences Ujbekistan.	Ujbekistan	2024	Yes
	Proceeding of International conference on global Challenges in Environment , food and Biotechnology for sustainable development	Bioactivity Evaluation of Cynobacterial Extract Against Pathogenic Microbes	Guru Jambheshwar University of Science and Technology from 21-23 Feb, 2024,	Hisar	2024	
	Proceeding of International conference on global Challenges in Environment ,	Evaluation of Thymoquinone and Piperine-Loaded Dual Drug	Guru Jambheshwar University of Science and Technology	Hisar	2024	

	food and Biotechnology for sustainable development ISBN No 9788119956630	Nanoparticles as Antimicrobial Agents	from 21-23 Feb, 2024,			
	Proceeding of International conference on global Challenges in Environment , food and Biotechnology for sustainable development ISBN No 9788119956630	Statistical Optimization of Probiotic Health Drink from Arachis hypogaea (peanut) Flour	Guru Jambheshwar University of Science and Technology from 21-23 Feb, 2024,	Hisar	2024	
	Proceeding of International conference on global Challenges in Environment , food and Biotechnology for sustainable development ISBN No 9788119956630	ANATOMICAL STUDIES: ROOT COLONIZATION BY <i>SERENDIPITA INDICA</i>	Guru Jambheshwar University of Science and Technology from 21-23 Feb, 2024,	Hisar	2024	
	Proceeding of International conference on global Challenges in Environment , food and Biotechnology for sustainable development ISBN No 9788119956630	Isolation and characterization of endophytic bacteria	Guru Jambheshwar University of Science and Technology from 21-23 Feb, 2024,	Hisar	2024	
Prof. Vinod Chhokar	Unravelling the Role of <i>Octaketide Synthase</i> gene in Aloin Biosynthesis by Homologous Overexpression in <i>Aloevera</i>	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes
	Significant Association Analysis of <i>Kappa-casein</i> and <i>Alpha-lactalbumin</i> Genes Polymorphism with Milk Traits of <i>Bubalus bubalis</i>	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes
	Differential Gene Expression Analysis of Genes Involved in Biosynthesis of Bufadienolide by	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes

	Qpcr in <i>Bryophyllum pinnatum</i>					
	Comparative Reference-based Whole Transcriptome Sequencing of India Barley Varieties using Illumina Platform	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes
	Evaluation of Genetic Diversity in <i>Asparagus racemosus</i> Genotypes using AFLP markers	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes
	In vitro regeneration and callus induction of Rice	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes
	Phytochemical Analysis of Secondary Metabolites in Root Extracts of <i>Asparagus racemosus</i>	International Conference on Climate Resilient Agriculture for Food Security and Sustainability	CCSHAU	Hisar	February, 17-19, 2023	Yes
	Nanotechnology – An Emerging Warrior against Cancer	Opportunities and Challenges in Agriculture, Environmental & Biosciences for Global Development	St. Joseph Vaz Spiritual Renewal Centre, Cruz Dos Milagres, Old Goa	Goa	October 29-31, 2022	Yes
	Optimization of efficient <i>Agrobacterium tumefaciens</i> mediated transformation in <i>Aloe vera</i>	Advances in Agriculture and Food System Towards Sustainable Development Goals	University of Agricultural Sciences	Bangalore	Aug. 22-24, 2022	Yes
	Novel Polymorphic Variants in Stearoyl-Coenzyme A Desaturase 1 (SCD1) Gene Associated with Milk Fat Content in Egyptian and Indian Buffalo Breed	Advances in Agriculture and Food System Towards Sustainable Development Goals	University of Agricultural Sciences	Bangalore	Aug. 22-24, 2022	Yes
	Ginger Extract-Mediated Green Synthesis of Silver Nanoparticles:	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	

	Unveiling the Characterization and Antibacterial Potency.					
	Quantitative analysis of gene expression related to saponin production using Real-Time PCR.	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	
	Genetic Polymorphism of Squalene Epoxidase Gene in <i>Asparagus racemosus</i> Genotypes Using PCR-RFLP.	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	
Dr. Anil Kumar	Unravelling the Role of Octaketide Synthase Gene in Aloin Biosynthesis by CRISPR/Cas9 Mediated Mutagenesis in <i>Aloe vera</i> .	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	Yes
	SNPs association analysis with milk traits in Glycerol phosphate acyltransferase (GPAM) and Diacylglycerol acyltransferase (DGAT1) Genes of <i>Bubalus bubalis</i> .	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	Yes
	Sequence Validation and Molecular Docking Analysis of 3- β Hydroxysteroid Dehydrogenase in Bufadienolide Biosynthesis in <i>Bryophyllumpinnatum</i> .	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	Yes
	Relative Gene Expression Analysis of Genes Involved in β -Glucan, Starch, Sucrose and Fructan Biosynthesis: Insight into Better Indigenous Malt Cultivar Development.	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	Yes

	Green synthesis characterization and biological activities of <i>Rumex obtusifolius</i> mediated silver nanoparticle.	International Conference	GJUS&T, Hisar.	Hisar	February 21-23, 2024	Yes
	<i>Zanthoxylum armatum</i> mediated synthesis of iron nanoparticles and evaluation of their antimicrobial potential	International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development	Guru Jambheshwar University of Science and Technology	Hisar	February 21-23, 2024	
	Isolation and morphological characterization of endophytic fungi from the roots of <i>Capparis decidua</i>	International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development	Guru Jambheshwar University of Science and Technology	Hisar	February 21-23, 2024	
	Genetic Polymorphism of Squalene Epoxidase Gene in <i>Asparagus racemosus</i> Genotypes Using PCR-RFLP.	International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development	Guru Jambheshwar University of Science and Technology	Hisar	February 21-23, 2024	DST,DBT
	SNPs association analysis with milk traits in Glycerol phosphate acyltransferase (GPAM) and Diacylglycerol acyltransferase (DGAT1) Genes of <i>Bubalus bubalis</i> .	International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development	Guru Jambheshwar University of Science and Technology	Hisar	February 21-23, 2024	AMI
	Sequence Validation and Molecular Docking Analysis of 3- β Hydroxysteroid Dehydrogenase in Bufadienolide Biosynthesis in <i>Bryophyllumpinnatum</i> .	International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development	Guru Jambheshwar University of Science and Technology	Hisar	February 21-23, 2024	Nutrition Society of India
Dr. Ravinder Kumar	International conference on Global Challenges	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.

	in Environment, Food and Biotechnology for Sustainable Development					
Dr Rakesh Yadav	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.
Dr Anita Rani Gilla	Degradation of Cypermethrin Using Potent Nitrogen Fixing Bacteria Isolated from Wheat Soil System Nearby Ambala Region	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.
Dr Nayan Tara	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.
Dr KD Rawat	Identification and characterization of mycobacterial genes involved in granuloma formation in tuberculosis by functional genomic approaches	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Dr Neeraj Dilbaghi		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes
Prof. Namita Singh		Organized National Conference on Emerging trends in implants and diagnostics	(ETID-2024) NIPER Ahmedabad in collaboration with AMI and AMSc	Ahmedabad	1 st -2 nd February 2024	Yes

		WORKSHOP ON "IPR Awareness"	In collaboration with GJUST	GJUST HISAR	11, Oct 2023	Yes
		Organized Dr K K Dadarwal memorial lecture in 65 th Annual International Conference.	award by Dr. Hukam Singh Gehlot Professor in Botany, JNV University, Jodhpur, India	Jodhpur,	2024	
Dr KD Rawat		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes
Dr Rakesh Yadav		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes
Dr Ravinder Kumar		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes
Dr Nayan Tara		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes
Dr Neeraj Dilbaghi	Nano Biotechnology	National Seminar on Biotechnology	Department of Life Sciences, J.C. Bose University of Science & technology, Faridabad	Faridabad	28/4/2023	
Prof. Vinod Chhokar	<i>In-Silico</i> Analysis and Functional Characterization of a Novel Aldo-ketoreductase from <i>Aloe Vera</i>	Towards Holistic Development of Science and Technology Through Interdisciplinary Approach	Panjab University	Chandigarh	Sep. 15-17, 2022	Yes
	<i>De-novo</i> Transcriptomic Sequencing of <i>Bryophyllum Pinnatum</i> to Identify the Genes Involved in Biosynthesis of Secondary Metabolites	Towards Holistic Development of Science and Technology Through Interdisciplinary Approach	Panjab University	Chandigarh	Sep. 15-17, 2022	Yes
	Polymorphism and Molecular	Towards Holistic	Panjab University	Chandigarh	Sep. 15-17, 2022	Yes

	Differentiation Analysis in Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-Alpha (PPARGC1A) gene in Egyptian and Indian Buffalo Breed	Development of Science and Technology Through Interdisciplinary Approach				
	<i>In-Silico</i> Analysis and Functional Characterization of a Novel Aldo-ketoreductase from <i>Aloe Vera</i>	Towards Holistic Development of Science and Technology Through Interdisciplinary Approach	Panjab University	Chandigarh	Sep. 15-17, 2022	Yes
	<i>De-novo</i> Transcriptomic Sequencing of <i>Bryophyllum Pinnatum</i> to Identify the Genes Involved in Biosynthesis of Secondary Metabolites	Towards Holistic Development of Science and Technology Through Interdisciplinary Approach	Panjab University	Chandigarh	Sep. 15-17, 2022	Yes
	Polymorphism and Molecular Differentiation Analysis in Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-Alpha (PPARGC1A) gene in Egyptian and Indian Buffalo Breed	Towards Holistic Development of Science and Technology Through Interdisciplinary Approach	Panjab University	Chandigarh	Sep. 15-17, 2022	Yes

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil

Name of Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr Neeraj Dilbaghi	As resource person in one day workshop on preparation towards NAAC Accreditation	Gurugram University	IQAC	Gurugram	14/11/2022
Dr Neeraj Dilbaghi	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme —IV	GJUST MMTTC – UGC-HRDC	HRDC	Hisar	11 March 2024-20 March 2024

(f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Dr Sapna Grewal	“CRISPR mediated Genome Editing: Strategies for Livestock Improvement”	ICAR-Central Institute for Research on Buffaloes, Hisar	January 18, 2023
Dr Sapna Grewal	National Intellectual Property Awareness Mission	Intellectual Property Office, India.	Feb 7, 2023
Dr Santosh Kumari	Effects of multiple nanoparticles on plants and data from in vitro and in situ	TERI ,Deakin Gurgaon	23-09-22
Dr Santosh Kumari	IP Awareness/Training program under NIPAM	IPO, India	07-02-2023
Dr Santosh Kumari	CRISPR mediated Genome Editing: Strategies for Livestock Improvement	ICAR-CIRB	18-01-23

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i) Refresher Course :
- ii) Orientation Course :
- iii) Webinar :
- iv) Total :

Orientation Course :

Faculty	Orientation Course	Host	Date /Duration
Dr Anita Rani Gill	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme —IV	MMTTC –UGC-HRDC GJUST Hisar	11 March 2024-20 March 2024
Dr Rakesh Yadav	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme —IV	MMTTC –UGC-HRDC GJUST Hisar	11 March 2024-20 March 2024
Dr Nayan Tara	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme —IV	MMTTC –UGC-HRDC GJUST Hisar	11 March 2024-20 March 2024

Dr Manju Yadav	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programe —IV	MMTTC –UGC- HRDC GJUST Hisar	11 March 2024-20 March 2024
Dr K D Rawat	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programe —IV	MMTTC –UGC- HRDC GJUST Hisar	11 March 2024-20 March 2024

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies:**
- ii) Member of Expert Committees:**
- iii) Member of Academic Bodies of other institutions:**
- iv) Any Other**

Prof. Neeraj Dilbaghi

- #Association of Microbiologists of India. (Life Member)
- # Society for Conservation of Domestic Animal Biodiversity (Life Member)
- # Society for Sustainable Agriculture & Resource Management. (Life member & Coordinator GJUST Chapter)

Member of Expert Committee

- Governor-Chancellor Nominee of Executive Council of DCRUST, Murthal.
- Member of Executive Council of Haryana State Council for Science and Technology, Government of Haryana.
- Member of Expert Panel nominated by Haryana State Council for Science and Technology, Government of Haryana for finalization of Research & Development (R&D) Projects for the year 22-23 & 23-24.
- Institutional Coordinator (RUSA) of GJUS&T, Hisar.
- Chairman & member of Departmental Research Committee, Staff council and Scientific Advisory Committee of Dept of Bio & Nano Technology.
- Chairman of Board of Studies of Dept of Biotechnology.
- Member of Faculty of Science and Technology Interface.
- Member of Women Cell of the University.
- Member of Institutional Animal Ethics Committee of GJUST, Hisar.
- Outside Expert Member of Internal Quality Assurance cell of GU, Gurugram.
- Outside Expert Member of Internal Quality Assurance cell of DCRUST, Murthal.
- Coordinator, Hisar Knowledge Hub, Cluster of institutes.
- Dean Research & Development, GJUS&T, Hisar (w.e.f 20-3-2024).
- Director, UGC, HRDC, GJUS&T, Hisar upto 20-3-2024.
- Member of DST- Purse Project implementation.
- Member of NAAC Steering Committee for NAAC, Cycle-IV.
- Member of standing committee for counting of past service under CAS, DRCUST Murthal.
- Outside expert in selection committee for Ph.D admission in Biotechnology in M.D.U Rohtak (2023-24).
- Subject expert in CUH, Mahendragarh for Interview of Professor in Biotech.

Member of Academic Bodies of several other Institutions:

- Outside Expert – UG Board of Studies, Deptt. Of Biotechnology, DCRUST, Murthal
- Outside Expert – PG Board of Studies, Deptt. Of Biotechnology, CDLU, Sirsa.
- Outside Expert – DRC, Deptt. Of Biomedical Engineering, DCRUST, Murthal
- Outside Expert – PGBOS, Deptt. Of Biomedical Engineering, DCRUST, Murthal
- Outside Subject Expert –Board of Studies, Department of Biotechnology, KUK.
- Outside Subject Expert –Board of Studies, Department of Microbiology, KUK.
- As outside expert member at CUH Haryana for establishment of R&D Cell w.e.f. 25-05-2022.
- Outside Subject Expert –Board of Studies, Department of Botany & Environment Sciences, GNDU, Amritsar
- Outside Expert – DRC, Deptt. Of Food Technology, CDLU, Sirsa.

Prof. Namita Singh

Details of Professional/ Academic Bodies

Association of Microbiologists of India

Indian Science Congress

Association for promotion of DNA Fingerprinting & other DNA Technologies.

Indian Society of Cell Biology

Indian Women Scientists Association

Society for conservation of Domestic Animal Biodiversity

Position Held

General Secretary of All India

Executive body

Life Member

Life member

Life Member

Life Member

Life member

Member of Expert Committees: Prof. Namita Singh

Details of Professional/ Academic Bodies

University Grant Commission, New Delhi India

COE proposal of Different State University of M.P. under RUSA grant

UGC Chairman Nominee of governing council member of different Autonomous college

UGC Chairman Nominee of Different accreditation task force committee member for Distance education/ and regular courses

UGC Chairman Nominee of accreditation of different university for 12B and 12f certification

UG BOS Member of CDLU, Sirsa Department of Biotechnology

BOS Member of KUK, Kurukshetra Department of Microbiology

DBT- Biocare scheme Taskforce member

Selection committee member recruitment and personnel promotions at DCRUCT Murthal Haryana, Delhi University, Ranchi University, Jharkhand public service commissioner, himachal Pradesh University

UGC Chairman Nominated member of Autonomous college accreditation committee member

Member of Scientific Panel of FSSAI

Position Held

Chairman Nominee since 2020

Member of Committee 2019

Member

Member

Member

External Subject expert

External Subject expert

Member of Taskforce

Member of selection committee

Expert committee member

Expert Scientific Panel Member

Dean International Affairs

FAO

FSSAI

Indian Journal of Microbiology

Academy of Microbiological Sciences

Member secretary South

Asian country

Member Biohazard committee

Editor

Executive Member Secretary

Member of Academic Bodies of other institutions: Prof.Namita Singh

Details of Professional/ Academic Bodies

Position Held

Advisory Committee Intellectual Property Rights and
Technology Commercialization Cell, GJUST

Member

BOSR CUH, Mahendergad

Member

BOS Department of Biotechnology university college of
engineering KUK

Member 2015-2022

UGBOS , CDLU, Sirsa

Member

PGBOSR, CBLU Bhiwani

member

UG BOS Member of CDLU, Sirsa Department of
Biotechnology

External Subject expert

BOS Member of KUK, Kurukshetra Department of
Microbiology

External Subject expert

DBT- Biocare scheme Taskforce member

Member of Taskforce

Selection committee member recruitment and personnel
promotions at DCRUCT Murthal Haryana, Delhi University,
Ranchi University, Jharkhand public service commissioner,
Himachal Pradesh University

Member of selection
committee

PGBOSR member Ch. Bansi Lal University Bhiwani

Member

UGC Chairman Nominated member of Autonomous college
accreditation committee member

Expert committee member

Any Other: Prof. Namita Singh

Namita Singh as General secretary of Association of Microbiologist of India Organized following Workshops/ conferences/ extension lectures/ Group Discussions/ Outreach activities etc. at the Department of Bio and Nano Technology

- Organize One day workshop on vore Bioinformatics tools at Department of Bionad Nano Technology on 13/09/2023.
- 63rd AMI Annual International conference organized on Microbial Technologies for Sustainable Biosphere at MDU Rohtak from 2-4 Feb 2023.
- 62nd AMI Annual International conference organized on **Microbiology and Society: Current Trends and Future Prospects Microbes and Society: Current Trends and Future Prospects (MSCTFP-2022) 21st-23rd September 2022.** In collaboration of University of Mysore, Karnataka.
- During the 62nd AMI Annual International conference in Mysore a Special session on Microbiology for Children in Association with CDSS was conducted on 19/09/2022.
- Pre-Workshop during 62nd AMI Annual conference at Mysore on Diagnosis of Food and Agriculturally Important Pathogens. 19/09/2022
- Pre-Workshop during 62nd AMI Annual conference at Mysore Online Pre-Workshop on Bioinformatics and Metagenomics in association with IOE 19/09/2022.

- Pre-Workshop during 62nd AMI Annual conference at Mysore on Pre-Workshop on Diagnostic Virology- Basics to Advance 19/09/2022
- Metabarcoding of Gut Microbiome: Tools, Techniques and Novel Approaches By: Dr. Tikam Chand Dakal Saturday, December 24, 2022 (Online).
- Different sessions were organized for progressive farmers by AMI (प्रगतिशील कसानों के साथ निम्न ल खत वषय परसंगोष्ठी) Online
- DMH-11 सरसों (GM) की ववेचना, 1- CBD 1992 समझौता के दायरे में *कार्टेजिनावनागोया प्रोटोकॉल के तहत ABS/ABSCH में उपभोक्ता व काशतकारों की भूमिका* Traditional Knowledge (TK) का Codified. 2—पर्यावरण की स्वीकृति पर रिसर्च का मुद्दा* Dr. AK Singh, Director, IARI and Dr. KC Bansal were invited for the expert view on Nov 6, 2022.
- COP27 में पारित संकल्प और सतत्कृष (Sustainable Agriculture) हेतु COP27 में तय मानक व दिशा निर्देश।, भारतीय खेती पर पड़ते दुष्प्रभाव पर चंतन on Nov 20, 2022
- भारतकी 2023 में G-20 देशों के सम्मेलन की अध्यक्षता * भारत की अर्थव्यवस्था की वास्तविकता और मुख्य चुनौतियां, 2023 में दुनिया की खाद्य समस्या and role of microbiologist to improve the food and nutrition security. On Dec 4, 2022
- 15th meeting of the Conference of the Parties to the UN Convention on Biological Diversity (CBD) COP15 का वश्लेषण” GBF (Global biodiversity framework), GBF fund, Cartagena and Nagoya protocol. On Jan 1, 2023
- Slogan contest on World Environment Day 5th June 2022 “Living Sustainably in Harmony with Nature”.
- 3 days training on “Button Mushroom Cultivation” from 6th to 8th October 2022. Under skill India campaign in collaboration with Dahiya Mushroom Farm, Sonipat, India.
- 100 days skill development and training festival from 17th December 2022 in association with CIDRET, UoD Delhi School of skill enhancement and entrepreneurship development. This 100-day festival will bring together students, teachers, academicians, industry, and facilitators on one platform and provide an ecosystem that promotes learning, collaboration, and networking. In the festival, hands-on training courses spanning diverse areas in Biotechnology conducted. For detail (Flyer is Attached).
- Workshop on “Ethical Considerations in Scientific Writing” by College of Animal Biotechnology. GADVASU, Ludhiana, Punjab in association with AMI.
- 30 Hour Online Certificate course in **Genomics and Proteomics** Successfully conducted for UG, PG, Research student and Faculty in association with Association of Microbiologists of India. Online certificate course in basics in genomics and proteomics. Dated 15-29 December, 2022.
- Outreach activity AMI AMSc Scientific Social Activity was conducted in TNAU in collaboration with SERB, DST by AMI TNAU, Coimbatore AMI Unit.
- One-week online Faculty Development Programme on “Advanced Technologies in Life Sciences” from February 6-11, 2023. In association with Centre For Innovation In Infectious Disease, Research, Education & Training (CIIDRET) and Institute Of Eminence(Ioe)-Delhi School Of Skill Enhancement & Entrepreneurship Development (DSSEED).
- Microbial world Recent Development in Health, Agriculture and Environmental Sciences
- Various online lectures/webinars organized during 2022-2023.
- Webinar organized on Microbial Cell Factories delivered by Dr. ChetanAditya on March8, 2022.
- Organized workshop for UG, PG, and research students on Plagiarism awareness and research Ethics to inculcate the research ethics in the students of higher educational institute at the Department of Bio and Nano Technology GJUS&T, Hisar Date 7/6/2022 10 am to 12 Noon.
- Organize one field trip for the MSc. Microbiology and MSc. Biotechnology students from Department of Bio and Nano Technology, GJUS&T Hisar to Sewage treatment plant for a live

demonstration role of Micro organism in waste water Treatment under the AMI Skill India Campaign.

- Organized tour for MSc Biotechnology, Microbiology and Research students of The Department Bio and Nano technology student to visit to Biotech startup Expo 2022 Innovation Towards Aatmanirbhar Bharat 9-10 June 2022.
- Organized one Brainstorming session at MDU Rohtak with the Researcher and MSc students of Biotechnology, Microbiology and Environmental Sciences July 21-22, 2022.
- Organized one Academic and Research Collaboration Discussion meeting with the SRUC UK and Faculty of three university of Haryana MDU Rohtak GJUST Hisar and CUH Haryana on 22/6/2022.
- International Webinar on Scanning and Transmission Electron Microscopy, 8th September 2022 University of Malaysia
- Seminar organized on “**Communication for scientists and scientific research**” by Hisar Unit at DBNT, GJUST, Hisar Haryana and June 06, 2022.
- Hands on training organized on “**Button Mushroom Cultivation**” by Hisar Unit at Dahiya Mushroom Farm, Sonapat from October 06-08th, 2022.
- Webinar organized on “**Metabar coding of Gut Microbiome : Tools, Techniques AND Novel Approaches**” on December 24, 2022 by AMI-GS office lecture delivered by Dr. Tikam Chand Dakal, Assistant professor, Mohanlal Sukhadia University, Udaipur.
- Webinar organized on “**Mushrooms : Production & Consumption**” on February 13, 2023 by AMI-GS office lecture delivered by Dr. Manjit Singh, Mushroom Society of India, ICAR-Directorate of Mushroom Research, Chambaghat, Solan.
- Webinar organized on “**Skills and job prospects in food industries for life scientists**” on February 18th, 2023 by AMI-GS office lecture delivered by Dr. Renu Agarwal, Ex Chief Scientist, CSIR-CFTRI, Mysuru, India.
- Webinar organized on “**Role of Solid Waste Management in Climate Change and Sustainability**” by AMI-GS office lecture delivered by Dr. Om Prakash Sharma, Deputy head and associate professor, symbiosis center for climate change and sustainability, Pune on 31st March 2023.
- Organised hands on workshop was a panelist by AMI, Hisar chapter by the Thermofisher for students of masters and PhD level to learn the various instruments like fluorescence spectrophotometer, flow cytometry etc. needed in our daily research work to bring out a quality research output on 20th July, 2023 in Department of Bio & Nano Technology, GJUST, Hisar, Haryana.
- Conducted an interactive session for Women Scientists and research scholars on **Women entrepreneurship Skill** on 27th July, 2023 conducted by AMI- GS office in collaboration Hisar Unit lecture delivered by Mr. Francis Xavier, Director, Incubation Center, Thakur college of science and commerce, Mumbai at DBNT, GJUST, Hisar, Haryana.
- Organized a virtual webinar on Biomedical waste management on 11 November, 2023. The speaker of the webinar is Dr. Pankaj Kaul, PGI, Dean, Allied Health Sciences, Rajya Bahra University, Punjab.
- Conducted a workshop on the topic “**Core bioinformatics tools**” on 10th September, 23 by AMI-GS office lecture delivered by Dr. Nitesh Bandhiwal, Bioinformatics center, NGB for students of various level like bachelors, masters and Ph.D at DBNT, GJUST, Hisar, Haryana
- Actively participated as a panelist on World Environmental Day to educate the farmer on the topic “पर्यावरण बचाने में सरकारों का दायित्व और देश के आम नागरिक का दायित्व और योगदान खेती पर प्रभाव से भुखमरी का बढ़ता खतरा” on June 6, 2022.
- Prof Namita Singh address google meet on QS World university ranking India overtopped china parameter for ranking with Student and faculty on 19 November, 2023.
- Prof Namita Singh act as panelist in google meet on निर्मल भारत से स्वच्छ भारत अभियान और विशेष अभियान, 12 November, 2023

- Prof Namita Singh act as panelist in google meet on अंतराष्ट्रीय पटल और स्थानी धरातलमें भारत के युवा शक्ति का समायोजन व्भ वष्य की चुनौतियां, 20 October, 2023
- Prof Namita Singh act as speaker in google meet on World Earthshoot day and impact on biolife Overcome it (एकपृथ्वीचाहिएजीनेके लएनहींतोसबखत्म) 14th May, 2023 to the group of farmers.
- Prof Namita Singh act as speaker in google meet on BT-3 & BT-4 केबारेमें कशनसमेल्लन, 10th September, 2023 to the group of farmers.
- Prof Namita Singh act as speaker in google meet on World meteorological Organization Report 2022, Human activities and Nature relationship 2, world Intelligence Property Rights (IPR) day on 30th April, 2023 to the progressive farmers.
- Prof Namita Singh act as speaker in google meet on Cluster farming :भारतकीखेतीकेबदलतेस्वरूप, April 16, 2023 to the progressive farmers.
- Organized a webinar on “**Exploration of biowaste bioactive compounds as therapeutic natural drugs- A novel way to waste products to health**” by AMI-GS office lecturedeliveredby Dr. DhivrajHairam Nile from Zhrijang Chinese Medical University on 16th March 2023.
- A seminar organized in hybrid mode on “Role of microbiology in forensic” on 28th February, 2023 on the occasion of National Science Day at DBNT, GJUST, Hisar. The distinguished speaker of the seminar is Dr. MinakshiPradsad, Scientist E, NRCE.
- Organized an interactive session for research Scholars lecturedelivered by Dr. Rahul, Patent Information Scientist, Panchkula, Haryana on 12th October, 2023 at Microbial Biotechnology Laboratory GJUST, Hisar.
- Organized workshop for UG, PG, and research students on **Interplay between metabolism and epigenetics in plasmodium falciparum parasite** at the Department of Bio and Nano Technology GJUST, Hisar Date 16/10/2023 by AMI-GS office lecturedelivered by Dr Manish, Howard University USA.
- Organized a seminar on topic Rhizobacteria: Gurdian for plant and soil Health on 17 October, 2023 at DBNT, GJUST, Hisar. The Speaker of the program is Dr. Dilfuza P Jabborva, Head Institute of Genetics and plant Experimental Biology, Ubizikistan.
- Organized a webinar on **Role of Microbiology in Human IVF** by AMI-GS office lecturedeliveredby Dr. Sanjeev Kumar Bhatia, PhD, DSc, Clinical Embryologist and Geneticist, Vardaan Medical Center, Jalandhar on 5th November, 2023.
- Organised a hands on training on Cell imaging plate form EVOSM 5000 in collaboration with Thermofisher at DBNT, GJUST, Hisar.
- Organised live demonstration workshop by thermofisher at DBNT, GJUST, Hisar on 20 July 2023.
- A interactive session for Women Scientists and research scholars on Women Entrepreneur Skill on 27, July 2023 at DBNT, GJUST, Hisar.
- organized workshop entitled Core Bioinformatics tools on 13 September, 2023 at DBNT, GJUST, Hisar.
- organized interaction program at MDU Rohtak, with Chairman AMSc at Paledium Public School, Barwala, Hisar on 15 August, 2023
- Organized workshop held on ethics, New drugs and clinical trials at Index Medical College, Malwanchal University, Indore in collaboration with AMI on 4th November, 2023.

Patent

Namita Singh, Anita Rani, Rajneesh Jaryal 548206 A NOVEL AND EFFICIENT METHOD FOR DEINKING DURING RECYCLING OF WASTE PAPER 21/08/2024

Award

Asia's Innovative Academician Award Microbial Biotechnology 2023 Professor
 World Research Council World Research Council
 AMI-Louis Pasteur Award 2024

Prof. Vinod Chhokar**i) Membership of Professional Bodies:**

- Life Member, Society of Biological Chemists, India
- Life Member, Association of Microbiologists of India
- Life Member, Society for Sustainable Agriculture and Resource Management, India
- Life Member, Society for Conservation of Domestic Animal Biodiversity, India
- Life Member, International Aloe Science Council, Texas, USA

ii) Member of Expert Committees:

Proctor, GJUS&T

iii) Member of Academic Bodies of other institutions:

- ExternalSubjectExpert,UnderGraduateBoardofStudies,DepartmentofBiotechnologyKurukshetraUniversity,Kurukshetra[October5,2020toOctober4, 2022]

Prof. Anil Kumar

- Life Member, Society for Sustainable Agriculture and Resource Management, India
- Life Member, Association of Microbiologists of India

Dr Rajesh Thakur

- Life Member, Association of Microbiologists of India

Dr. Santosh Kumari

- Life Member, Association of Microbiologists of India

Dr. Sapna Grewal

- Indian Society of genetics & Plant Breeding (Life member)
- The Society for Plant Biochemistry and Biotechnology (Life Member)

Dr. Ravinder Kumar

- Life Member, Association of Microbiologists of India

(XIV) Detail of Consultancy Project/ Work in Department:

Name of Faculty	Title of the project /work	Name of Agency	Total Amount
NIL			

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
Prof.Neeraj Dilbaghi			
Invited talks delivered in refresher course	11		
Extention lectures	3		
Any other			

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Neeraj Dilbaghi	Institutional Coordinator RUSA	2023-2024
		Nodal Officer, ADF	2023-2024
		Director, Horticulture GJUST Hisar	2023-2024
		Dean Research and Development, GJUST Hisar	2023-2024
2	Prof. Namita Singh	Dean International Affaires GJUST	July 1 st , 2023 Till Date
		Member of University Research board, PGBOS,DRC, Faculty, Anti eve teasing committee, Governance, Leadership and Management, Proctorial Duty	2022-23
3	Prof. Vinod Chhokar	Registrar, GJUST, Hisar Technical Advisor (Administration) to Vice Chancellor GJUS&T, Hisar	May 4, 2023 to continue
		Proctor, GJUS&T, Hisar	July 1, 2022 to Aug 2024
4	Dr Anil Kumar	Chairperson Department of Biotechnology, GJUST Hisar	21 Nov 2023 to Till Date
		Chairperson Department of Allied Health Science	Nov 2023 to Till Date
		Associate, Dean Student Welfare	2023
		ADSW	2023-2024
		In charge, Guest House	2023-2024

(XVII) Training /Internship/ Placement Activities information of the Department: Nil.

Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc.

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

Name of Activity	Participants	Date	Faculty Involve
International Microorganisms Day (Quiz, Rangoli Making, Poster Design)	PG Students -38 UG Students- 42	17 Sept 2024	Dr Rakesh Yadav Dr Anita Rani Gill Dr Ravinder Kumar Dr Nayan Tara Dr KD Rawat Dr Manju Yadav

List of Ph.D. students

Ph.D. students detail Department of Biotechnology, GJUST, Hisar

(1 July 2023- 30 June 2024)

S. No.	Students Name & Roll No.	Thesis Topic	Guide/Co-Guide	Roll No./Registration No (if any)
1	NEELAM 190090290101	Effect of Chitosan/Metal nanoelicitation on Eugenol and Rosmarinic acid production in <i>Ocimum tenuiflorum</i>	Dr. SAPNA GREWAL	190090290101
2	YADHVINDER SINGH 200090290106	Studies on the synergistic effect of thiamine conjugated chitosan nanoparticles and Arbuscular mycorrhizal fungi for controlling powdery mildew in Wheat	Dr. SAPNA GREWAL	200090290106
3	Sweeta 17099009	Isolation, screening and characterization of PHB producing bacteria	Dr. Anil Kumar	17099009
4	Shruti Dudeja 16098005	Studies on antimicrobial activity of bioactive compounds from fungi isolated from different sources	Dr. Anil Kumar	16098005
5	Neha Podwal 230090292004	Not allotted	Dr. Anil Kumar	230090292004
6	Ankita Kharb 230090292005	Not allotted	Dr. Anil Kumar	230090292005
7	Bharti 190090190001	Development of Sensor(s) based on Nanomaterial Modified Electrode for detection of trace explosives	Prof. Neeraj Dilbaghi	190090190001
8	Sant Lal 14099003	Preparation and Pharmacological evaluation of nanoformulations of Procyanidolic Oligomers (PCOs) and its mixed ligand complex(s).	Prof. Neeraj Dilbaghi	14099003
9	Monika 16099001	Studies on Microbial mediated Biosynthesis of Nanoparticles and their Nanocomposites for Biomedical Applications	Prof. Neeraj Dilbaghi/ Dr. Sunil Sharma	16099001
10	Sandeep Singh 12099001	Role of microRNAs (miRNAs) during development of Prostate Cancer	Prof. Neeraj Dilbaghi/ Dr. Mausumi Bharadwaj	12099001
11	Pooja 1790424	Development and evaluation of phytonanoformulation(s) as sustainable biopesticide for control of bacterial blight of cluster bean.	Prof. Neeraj Dilbaghi	1790424
12	Sunita	Not allotted	Prof. Vinod Chhokar	230090292001
13	Prabha Devi	Not allotted	Prof. Vinod Chhokar	230090292002
14	Suman Lata	Not allotted	Prof. Vinod Chhokar	230090291003

15	Pooja Rani	Not allotted	Prof. Vinod Chhokar	200090290113
16	Deepanjali Sodha	Identification and validation of polymorphic SSR markers for CLCuD Resistance in <i>G. hirsutum</i>	Prof. Vinod Chhokar	200090230108
17	Shalu	Targeted genome editing for developing low grain beta-glucan barley for improved malt quality	Prof. Vinod Chhokar	200090290107
18	Himani Bagaria	Editing rice genome to improve the fatty acid composition of rice bran oil for enhanced health benefits and high temperature cooking stability	Prof. Vinod Chhokar	200090290105
19	Garima Sharma	Identification and molecular characterization of secondary metabolism genes in <i>Bryophyllum pinnatum</i> for enhanced therapeutic values	Prof. Vinod Chhokar	200090290104
20	Pooja Garg	Characterization and stability analysis of allopolyploid resynthesized Brassica juncea Lines	Prof. Vinod Chhokar	190090290102
21	Sonia	Identification of polymorphic variants of milk fat and protein genes in Indian and Egyptian buffaloes	Prof. Vinod Chhokar	190090290003
22	Alka	Elucidating the role of octaketide synthase and ketoreductase involved in antraquinone biosynthesis pathway in Aloe vera	Prof. Vinod Chhokar	190090290002
23	Ms. Monika Rani	Molecular Characterizaion of Secondary Metabolism Genses in Endophytic Fungi associated with <i>Asparagus racemosus</i>	Prof. Vinod Chhokar	17099008
24	Ms. Chanchal	Identification and characterization of genes with respect to secondary metabolism in <i>Asparagus racemosus</i>	Prof. Vinod Chhokar	16099007
25	Ms. Muniya Rani	Unravelling the role of oxidosqualene cyclase gene in Aloe vera using functional genomics and metabolimics approaches	Prof. Vinod Chhokar	15099008
26	Mr. Sudhanshu Dwivedi	Understanding steps towards an integrated view of shatavarin biosynthesis pathway in <i>Asparagus racemosus</i>	Prof. Vinod Chhokar	14099005
27	Meenakshi Pahwa 16099003	Development of Bacillus species as Plant Growth Promoting Rhizobacteria for Dry Land Farming	Prof. Namita Singh	16099003
28	Minakshi Lalit 16099004	Development of molecularly imprinted polymer sensor for selected Cyanotoxin	Prof. Namita Singh	16099004

29	Jyoti Rani 17099004	Transcriptional responses of Mosquito Hemocyte against Microbial challenges Indian Malarial vector Anopheles culicifacies	Prof. Namita Singh	17099004
30	Jyoti Yadav 180090290001	Pharmacological evaluation of biologically active compound(s) produced by bacterial isolate	Prof. Namita Singh	180090290001
31	Meenakshi 190090290008	Enhancement of biohydrogen production efficiency from solid municipal waste using microbial consortium	Prof. Namita Singh	190090290008
32	Renuka Sharma 190090290103	Preparation and characterization of nanoformulation(s) of natural bioactive compound and their therapeutic applications.	Prof. Namita Singh	190090290103
33	Taruna 190090390102	Development and Evaluation of Spirulina protein supplemented health drink	Prof. Namita Singh	190090390102
34	Avni 190090290009	Elicitation mediated enhancement of secondary metabolite production in Bacopamonnieri in-vitro cultures and evaluation of pharmaceutical properties.	Prof. Namita Singh	190090290009
35	Mandip Kumar 190090390101	Development of Vegetable Based Probiotic drink and evaluation of its Bioactivity	Prof. Namita Singh	190090390101
36	Jyoti Sheorain 16099006	Synthesis, Characterization and Biological Evaluation of Thymol nano formulations	Dr. Santosh Kumari	16099006
37	Meenakshi Mehra 17099002	Preparation and Biological Evaluation of Berberine Loaded Polymeric Nanoparticles	Dr. Santosh Kumari	17099002
38	Sushila Devi 210090290105	Synthesis, characterization and therapeutic evaluation of thymol metal complexes	Dr. Santosh Kumari	210090290105
39	Jyoti Bakshi 190090290001	Synthesis and therapeutic evaluation of berberine gum complexes	Dr. Santosh Kumari	190090290001
40	Assim Verma 200090190101	Studies on mechanisms underlying antiviral action of Hesperetin against Buffalopox virus	Dr. Santosh Kumar	200090190101
41	Mohit Boora 230090291001	Not allotted	Dr. Santosh Kumari	230090291001
42	Sunaina 17099003	Fabrication of polyhydroxyalkanoates (PHA) nano scaffolds by using different techniques for use in tissue engineering.	Dr Rajesh Thakur	17099003
43	Navjot Mehta 170090180001	Synthesis of nanopormulation(s) of bioactive compounds of Abieswebbiana and its pharmacological studies.	Dr Rajesh Thakur	170090180001

44	Vinod Kumar 170090180003	Nanostructured composite based biomaterials for hard tissue engineering applications	Dr Rajesh Thakur	170090180003
45	Manju Sangwan 170090180004	Preparation of nanoformulation(s) of bioactive compounds of Mesuaferrea (Nagkesar) and evaluation of its biological potential.	Dr Rajesh Thakur	170090180004
46	Usha Rani 190090290013	Synthesis of nanoformulation(s) of bioactive compound(s) from Daturastramonium and evaluation of its anti-inflammatory and anticarcinogenic potential.	Dr Rajesh Thakur	190090290013
47	Bhawna Vermani 210090190101	Preparation and evaluation of nanoformulations of a neuroprotective agent for amelioration of ischemic stroke	Dr Rajesh Thakur	210090190101
48	Annu Yadav 210090290101	Evaluation of Heavy metal ion removal efficiency from industrial effluent by using Nano impregnated fungal hyphae	Prof.Namita Singh	210090290101
49	Ajay Kumar 230090191002	Not allotted	Dr Rajesh Thakur	230090191002
50	Renu 230090391001	Not allotted	Prof. Namita Singh	230090391001

DEPARTMENT OF BOTANY

I NAME : DEPARTMENT OF BOTANY

II Year of Establishment : 2023

III (a) Vision of the Department :

The Department is committed to achieve high standards in both research and teaching and train competent technocrats and creating knowledge power house in the areas of plant sciences.

The Department aspires to lead in the areas of Plant Diversity, Plant Physiology, Taxonomy, Plant Anatomy, Plant Development & Reproduction, Economic Botany, Plant Biotechnology and Ecology with a focus on identified areas with high economic impact.

(b) Mission of the Department:

- To achieve high standards of teaching by innovating pedagogy, instilling in students the ability to be lifelong learners and continually upgrading the course curriculum in line with international standards to meet the requirement of novelty in educational institutes & research community.
- To provide CBCS & LOCF based curriculum for the professional development of students as per their aspirations.
- To provide conducive environment for faculty members and master's students to excel in teaching and research.
- To create opportunities and a supporting infrastructure for students through laboratory courses, thesis and training in basic and applied areas of Plant Science to achieve their aspirations.
- To promote creativity, critical thinking & problem-solving aptitude among students so that they are ready for tomorrow's world.

(c) Objective of the Department:

(As resolved by Staff Council)

Imparting quality teaching and research activities in diverse areas including Plant Diversity, Plant Physiology, Taxonomy, Plant Anatomy, Plant Development & Reproduction, Economic Botany, Plant Biotechnology and Ecology.

IV Programme(s) offered in the Department

Programme (s)	Sanctioned intake	Present strength(total)
P.G		
M.Sc. 1 st Year (Botany)	50	50
M.Sc. 2 nd Year (Botany)	30	29

V Faculty detail**(Attach a list of the Faculty along with their qualifications and Experiences)**

Name	Designation	Specialization
Prof. Ashok Chaudhury	Professor	Plant Biotechnology
Dr. K.D. Rawat	Assistant professor	Biotechnology
Dr. Anita Rani Gill	Assistant professor	Biotechnology
Dr. Nayan Tara	Assistant professor	Biotechnology

VI Office/Tech. staff detail:

Position	Sanctioned	In Position
Tech. Assistant	-----	00
Lab Technician	-----	00
Steno- Typist	-----	00
Clerk	-----	01
Peon	-----	01
Lab Attendant-cum-Cleaner	-----	01

VII (a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc. Botany	50 (1 st Yr) + 30 (2 nd Yr)	50	29

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes: Nil**(c) Detail of Foreign Students, if any, admitted in the Department:****(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor) : Nil.****(IX) Sponsored Research/ Consultancy Projects: Nil.****X) Number of Publications of Faculty (in Total)**

Names	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
Prof. Ashok Chaudhury	08	---	--	--	--
Dr. Anita Gill (Contractual faculty)					
Dr. Nayan Tara					
Dr. KD Rawat (Contractual faculty)	01				

(XI) Faculty wise detail of publication during the academic year:

c) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books(Text/ Reference /Report)	Publishers
Prof. Ashok Chaudhury				
Anuradha Singh, Jyotirmaya Mathan, Amit Yadav, Aakash K Goyal, Ashok Chaudhury	Molecular and Transcriptional Regulation of Seed Development in Cereals: Present Status and Future Prospects	2021	Cereal Grains	IntechOpen
Meena Sindhu, Vikas Sangwan, Nayantara , Shreya Talan, Sonu Chauhan, Sachin Kumari	Realms of nanostructured microbial enzymes: formulation, characterization and novel Opportunities https://doi.org/10.1515/9783110754476	2023	BOOK- Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors	Microbial Nanotechnology: Advances in Agriculture, Industry and Health Sectors, Berlin, Boston: De Gruyter, 2023.

b) Research Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of Journal	Vol. & No.	Pages
Prof. Ashok Chaudhury						
1	Kavita Vats, Rati Tandon, ...Ashok Chaudhury, ...Angamuthu Selvapandiyan	2023	Interaction of novel proteins, centrin4 and protein of centriole in Leishmania parasite and their effects on the parasite growth	Biochimica et Biophysica Acta (BBA)-Molecular Cell Research	1870 (3)	119416
2	Ila Joshi, Anil Kumar, Deshika Kohli, Ramcharan Bhattacharya, Anil Sirohi, Ashok Chaudhury, Pradeep K Jain	2022	Gall-specific promoter, an alternative to the constitutive <i>CaMV35S</i> promoter, drives host-derived RNA interference targeting <i>Mi-<i>msp2</i></i> gene to confer effective ...	Frontiers in Plant Science	13	
3	Minakshi Pal, Rakesh Yadav, Umesh Goutam, Ashok Chaudhury	2022	A simple protocol for high frequency plant regeneration and enhancing Shikonin production from callus cultures in <i>Arnebia hispidissima</i>	South african journal of botany	149	781-788
4	Ila Joshi, Deshika Kohli, Akansha Pal, Ashok Chaudhury, Anil Sirohi, Pradeep K Jain	2022	Host delivered-RNAi of effector genes for imparting resistance against root-knot and cyst nematodes in plants	Physiological and Molecular Plant Pathology	118	101802
5	Pooja Bangar, Neetu Tyagi, Bhavana Tiwari, Sanjay Kumar, Paramananda Barman, Ratna Kumari, Ambika Gaikwad, KV Bhat, Ashok Chaudhury	2021	Identification and characterization of SNPs in released, landrace and wild accessions of mungbean (<i>Vigna radiata</i> (L.) Wilczek) using whole genome re-sequencing	Journal of Crop Science and Biotechnology	24	153-165

6	Ila Joshi, Anil Kumar, Deshika Kohli, Ashish K Singh, Anil Sirohi, K Subramaniam, Ashok Chaudhury, Pradeep K Jain	2020	Conferring root-knot nematode resistance via host-delivered RNAi-mediated silencing of four Mi-msp genes in Arabidopsis	Plant Science	298	110592
7	Kavita Ahuja, Abhishek Vats, Mirza Adil Beg, KKGDUL Kariyawasam, Ashok Chaudhury, Mitali Chatterjee, Nadira D Karunaweera, Angamuthu Selvapandian	2020	High resolution melting based method for rapid discriminatory diagnosis of co-infecting Leptomonas seymouri in Leishmania donovani-induced leishmaniasis	Parasitology international	75	102047
8	Ila Joshi, Anil Kumar, Ashish K Singh, Deshika Kohli, KV Raman, Anil Sirohi, Ashok Chaudhury, Pradeep K Jain	2019	Development of nematode resistance in Arabidopsis by HD-RNAi-mediated silencing of the effector gene <i>Mi-msp2</i>	Scientific Reports	9(1)	174404
Dr. K. D. Rawat (Contractual Faculty)						
1	B Datten, AA Chaudhary, S Sharma, L Singh, KD Rawat , MS Ashraf,	2023	An extensive examination of the warning signs, symptoms, diagnosis, available therapies, and prognosis for lumpy skin disease	Viruses	15 (3),	604

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: 2023-24

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers Presented		
	International	National	Total	International	National	Total
Prof. Ashok Chaudhury	--	---	---	----	---	---
Dr Anita Gill (Contractual Faculty)	01	01	-	-	-	
Dr KD Rawat (Contractual Faculty)	01	-	-	-	-	
Dr NayanTara (Contractual Faculty)	01	01	-	-	-	

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of Paper Presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/ AICTE/ Univ./etc.
Dr Anita Rani Gill	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.
Dr Nayan Tara	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.
Dr KD Rawat	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development	ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.
Dr KD Rawat	Identification and characterization of mycobacterial genes involved in granuloma formation in tuberculosis by functional genomic approaches	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development ICEFB 2024	GJUST HISAR	HISAR	February 21-23, 2024	UNIV.

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/ AICTE / Univ./etc.
Dr KD Rawat		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes
Dr Nayan Tara		Indo-German workshop on sensor for Healthcare and Environmental Application	Department of Biotechnology, GJUST, Hisar	Hisar	28-29 March 2024	Yes

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil.**(e) Refresher Courses/ Orientation Courses: Nil.**

(f) National/International Webinars Attended: Nil.

**(g) Total number of Refresher/ Orientation Course/Webinar attended:
Orientation Course:**

Faculty	Orientation Course	Host	Date /Duration
Dr Anita Rani Gill	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme -IV	MMTTC –UGC- HRDC GJUST Hisar	11 March 2024-20 March 2024
Dr Nayan Tara	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme -IV	MMTTC –UGC- HRDC GJUST Hisar	11 March 2024-20 March 2024
Dr K D Rawat	UGC Sponsored 8 Days Online NEP- orientation Sensitization Programme -IV	MMTTC –UGC- HRDC GJUST Hisar	11 March 2024-20 March 2024

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies:**
- ii) Member of Expert Committees:**
- iii) Member of Academic Bodies of other institutions:**
- iv) Any Other**

Prof. Ashok Chaudhury

- # Association of Microbiologists of India. (Life Member)
- # Society for Sustainable Agriculture & Resource Management. (Life member & Coordinator GJUST Chapter)

(XIV) Detail of Consultancy Project/ Work in Department: Nil.

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail):
Nil.**

(XVI) Additional Duties Performed/Positions held in the University :Nil.

(XVII) Training /Internship/ Placement Activities information of the Department: Nil.

**(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in
Department during the year:**

- i) Seminar/Conference/Refreshers course/Workshop/Training Programme : Nil.**

DEPARTMENT OF CHEMISTRY

(I) **NAME** : Department of Chemistry

(II) **Year of Establishment** : 1994

(III) (a) **State the vision of the Department:** To train young minds to serve as competitive teachers, chemists and researchers to assist in upliftment of education, chemical/ pharmaceutical industries and institutions globally.

(b) **State the mission of the Department:** To attract brilliant students and to train them for competing globally. To develop scientists, researchers and educators in chemistry. To generate skilled manpower for academic institutions and chemical industries.

(c) **State the objective of the Department:** To facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, pharmacy, environmental studies.

(As resolved by Staff Council)

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph.D.	As per the consent of the faculty members	41
P. G.	50+2+1+1+1	52
U. G.	50+2+1+1+1	43
Any other	-----	-----

(V) Faculty detail

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	NIL	07	
Associate Professor	05	03	00	
Assistant Professor	12	07	01	

List of the Faculty alongwith their qualifications and Experiences Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. J.B. Dahiya	Professor	M.Sc., M.Phil., Ph.D.	35
Dr. Devinder Kumar	Professor	M.Sc., M.Phil., Ph.D.	30
Dr. (Mrs.) Sonika	Professor	M.Sc., M.Phil., Ph.D.	27
Dr. Satbir Mor	Professor	M.Sc., M.Phil., Ph.D.	30
Dr. Jai Devi	Professor	M.Sc., Ph.D.	19
Dr. C.P. Kaushik	Professor	M.Sc., M.Phil., Ph.D.	19
Dr. Kashmiri Lal	Professor	M.Sc., Ph.D.	18
Dr. Vikas Verma	Professor	M.Sc., Ph.D.	18
Dr. Tejpal Chundawat	Associate Professor	M.Sc. Ph.D.	10

Dr. Mahavir Parshad	Associate Professor	M.Sc., Ph.D.	17
Dr. Jyoti	Assistant Professor	M.Sc., Ph.D.	07

List of the Contract/ Guest Faculty alongwith their qualifications and Experiences details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Pawan Siwach	Assistant Professor	Ph.D.	11
Dr. Lokesh Kumar	Assistant Professor	Ph.D.	7
Dr. Raj Laxmi	Assistant Professor	Ph.D.	5
Ms. Kanchan	Assistant Professor	M.Sc.	6
Ms. Seema	Assistant Professor	M.Sc.	5
Dr. Manjeet	Assistant Professor	Ph.D.	5
Dr. Poonam	Assistant Professor	Ph.D.	6
Dr. Neha Gupta	Assistant Professor	Ph.D.	4
Ms. Sushma	Assistant Professor	M.Sc.	5

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Sanjeev Kumar	Guest faculty	Ph.D.	2.5
Dr. Sumit Thakral	Guest faculty	Ph.D.	2.5
Ms. Monika Yadav	Guest faculty	Ph.D.	2.5
Dr. Shruti Rani	Guest faculty	Ph.D.	8 months

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Dy. Supdt.	00	01
Tech. Asst.-I	00	01
Jr. Scale Stenographer	00	01
Lab Tech.	01	02
Clerk	01	1+2*
Lab Attendant	06	05
Peon	01	01*

*on contract through HKRNL

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
Dual Degree B.Sc. (Hons.) M.Sc. Chemistry	50+2+1+1+1	43	37
M.Sc. Chemistry	50+2+1+1+1	52	52

(b) Students detail in respect of B. Tech, B.Pharm. and B.P.Th. Programmes NA

(c) Detail of Foreign Students, if any, admitted in the Department: Not admitted

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor) See Appendix-I and Appendix –II of the department report.

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
45	08	09	06

(IX) Sponsored Research/ Consultancy Projects:

(a).

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
02	01	01

(b).

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Synthesis and characterization of pyridinylpyrazole chemosensors	Dr. Mahavir Parsad	Completed	Minor Research Project, GJUST, Hisar	2023-24
Development of hyphenated bioactive frameworks based on imidazole towards effective therapeutic agents	Prof. Vikas Verma	In progress	Major Research Project, HSCST Haryana	Feb,2024
	TOTAL			02

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non-refereed	
	32			-----	-----

(XI) Faculty wise detail of publication during the academic year:

d) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)	Publishers
Sandeep Yadav, Anirudh P.S. Raman,	Microwave and Ultrasound-assisted	2023	Book Chapter	Wiley

Kashmiri Lal, Pallavi Jain, Parshant Singh	Coupling Reactions (Chapter 05)			
Dr Mahavir Parshad	Applications of 4-4'- bipyrazoles in metal organic frameworks (Chapter 01)	2023	Book Chapter	Saptarishi Publication Chandigarh

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Archana Yadav, C.P. Kaushik, Mukesh Kumar	2023	Hydrazones tethered disubstituted 1,2,3- triazoles: Design, synthesis, antitubercular and antimicrobial evaluation	Journal of Molecular Structure	Elsveir	1283	135163	Yes	3.8
Kumar, A., Lal, K., Yadav, M., Kumar, S., Singh, M. B., Kumari, K.	2023	Isatin-Semicarbazone Linked Acetamide 1, 2, 3-Triazole Hybrids: Synthesis, Antimicrobial Evaluation and Docking Simulations.	Journal of Molecular Structure,	Elsevier	1287	135660	Yes	3.841
Nisha Kamra, Suman Rani, Kiran, Sumit Thakral, Mahavir Parshad, Prateek Tyagi, Deepansh Sharma, Jayant Sindhu and Devinder Kumar	2023	Synthesis, Characterization and Evaluation of Antimicrobial Activity, Phytotoxicity, Molecular Docking & Dynamic Simulations of Benzothiazole Functionalized C-C Linked Pyrazolyl- Thiazoles	Chemistry Select	Chemistry Europe	8	e20230 4010	Yes	1.9
Mahavir Parshad, Devinder Kumar, Vikas Verma,	2024	An Introductory Overview on Applications of Pyrazoles as Transition Metal Chemosensors	Journal of Fluorescence	Springer	34	1955– 1964,	Yes	2.6
Parshad M, Kumar D, Verma V	2024	Applications of pyrazole ligands in coordination compounds and metal organic frameworks	Inorganica Chimica Acta	Elseveir	560	121789	Yes	2.7

Boora, A., Devi, J., Lal, K., Rom, T., Paul, A. K	2024	synthesis to bioactivity: Characterization, crystallography, antimalarial and antimicrobial activities of hydrazone-derived organotin (IV) complexes	Inorganica Chimica Acta	Elsevier	564	121940	Yes	2.54
Ragshaniya, A., Kumar, V., Tittal, R.K., Lal, K.	2024	Nascent pharmacological advancement in adamantane	Archiv der Pharmazie	Wiley	357(3)		Yes	4.3
Grover, A., Kumar, A., Tittal, R.K., Lal, K.	2024	Dehydroacetic acid a privileged medicinal scaffold	Archiv der Pharmazie	A consise review	357(2)	230051 2	Yes	5.1
Jyoti Yadav, C. P. Kaushik	2024	Sulfonamide tethered 1,4-disubstituted 1,2,3-triazoles: Synthesis and antibacterial evaluation	Synthetic communica- tions	Taylor Francis	54	536- 552	Yes	2.1
Taxak B, Devi J, Kumar B, Arora T.	2024	Hydrazone-containing organotin (IV) complexes: synthesis, characterization, antimicrobial, antioxidant activity and molecular- docking studies. BioMetals.	Bio Metals	Springer	37	1079- 1098	Yes	3.5
Periwal P, Verma V, Kumar D, Kumar A, Parshad M, Bhatia M, Thakur S. Prashad M	2024	Azole-sulfonamide conjugates as potential antimicrobial candidates: synthesis and biological assessment.	Future Med Chem	Taylor Francis	16(2)	157-71	Yes	3.2
Periwal P, Verma V, Kumar D, Kumar A, Parshad M, Bhatia M, Thakur S	2024	Design, Synthesis and Antimicrobial Evaluation of Novel Sulfonamide Modified with Azoles.	Current Organic Chemistry	Bentham Science	28	558- 572	Yes	2.6
Satbir Mor, Ravinder Punia, Mohini Khatri,	2024	“Synthesis, biological evaluations and <i>in silico</i> studies on Pyrimidine-Appended Fused Pyrazolones as	Journal of Molecular Structure	Elsevier	1296,	136759	Yes	3.8

Deepak Kumar, Ashwani Kumar, Deepak Kumar Jindal, Namita Singh, Renuka Sharma, Manzoor Ahmed, Sanket Shukla and Komal Jakhar		anticancer and antimicrobial agents''						
Ravinder Punia, Satbir Mor	2024	“Catalyst-free regioselective synthesis of fused 11 <i>H</i> -benzo[5,6][1,4]thiazin o[3,4- <i>a</i>]isoindol-11-ones and benzo[<i>b</i>]indeno[1,2- <i>e</i>][1,4]thiazin-11(10 <i>aH</i>)-ones targeting bacterial and fungal microbes”	Journal of Molecular Structure	Elseveir	1301	1373873	Yes	3.8
Ravinder Punia, Satbir Mor, Suchita Sindhu, Deepak Kumar, Priyanku Pradip Das, Deepak Kumar Jindal, Ashwani Kumar, Rajni Mohil and Komal Jakhar	2024	, “Design, synthesis, α -amylase and glucose diffusion inhibition, and molecular docking studies of new indenopyrazolones bearing benzothiazole derivatives”	Bioorganic & Medicinal Chemistry Letters	Elseveir	103,	129692	Yes	2.5
Ravinder Punia, Satbir Mor, Mohini Khatri, Deepak Kumar, Priyanku	2024	“Facile synthesis and <i>in silico</i> studies of benzothiazole-linked hydroxypyrazolones targeting α -amylase and α -glucosidase”	” <i>Future Medicinal Chemistry</i> ,	Talyor and Francis			Yes	3.2

Pradip Das, Deepak Kumar Jindal, Ashwani Kumar, Prem S., Rajnish Kumar, Rajni Mohil and Komal Jakhar								
Deswal Y, Asija S, Tufail A, Dubey A, Deswal L, Kumar N, Barwa P.	2024	Metal complexes of 1, 2, 4-triazole based ligand: synthesis, structural elucidation, DFT calculations, alpha-amylase and alpha-glucosidase inhibitory activity along with molecular docking studies.	<i>Journal of Inorganic and Organometallic Polymers and Materials,</i>	Springer	34(1)	144-160.	Yes	3.9
Barwa P, Asija S, Deswal Y, Kirar JS	2024	Investigating the antimicrobial potential of diorganotin (IV) complexes incorporating hydrazone ligands: Synthesis, structural elucidation, X-ray crystallography, DFT, and antimicrobial activity	<i>Inorganica Chimica Acta.</i>	Elsevier	564	121941	Yes	2.7
Kumar N, Asija S, Deswal Y, Kirar JS, Kumar D, Jindal, DK, Shukla MK.	2024	Exploring diorganotin (IV) complexes of hydrazonebased ligands as multi-target agents: Synthesis, structural characterization, DFT and in vitro biological evaluation.	<i>Inorganic Chemistry Communications</i>	Elsevier	161	112120	Yes	4.4
Kumar A, Kumar V, Singh P, Tittal RK, Lal K	2024	Ionic Liquids for Green Synthesis of 1, 2, 3-Triazoles:	A systematic Review. Green Chem	RSC	26	3565-3594.	Yes	9.8
Boora A, Devi J, Lal K, Rom T, Paul AK.	2024	From synthesis to bioactivity: Characterization, crystallography, antimalarial and antimicrobial activities	Inorganica Chim. Acta	Elsevier	564	121940	Yes	2.7

		of hydrazone-derived organotin (IV) complexes.						
Devi, P., Rani, P., & Kataria, J	2024	Experimental, theoretical and spectroscopic analysis of molecular interactions in binary liquid mixtures comprising ionic liquid and alkyl cellosolves.	Journal of the Taiwan Institute of Chemical Engineers	Elsevier	159,	105468	Yes	5.5
Rani, P., Devi, P., & Kataria, J	2024	Thermophysical and spectroscopic studies of room temperature ionic liquid (1-hexyl-3-methylimidazolium bromide) with ethylene glycol oligomers	Journal of Molecular Liquids	Elsevier	402	124727	Yes	6.633
Rani, P., Devi, P., & Kataria, J.	2024	Probing molecular interactions in mixed system of green solvent ethyl lactate with oligomers of polyethylene glycol.	The Journal of Chemical Thermodynamics	Elsevier	188,	107180	Yes	3.269
Arora T, Devi J, Rani M.	2024	Synthesis and characterization of indazole derived Schiff base ligands and their metal complexes: Biological and computational studies	Inorg Chem Commun	Elsevier	166	112585	Yes	4.4
Kumar B, Devi J, Saini P, Khurana D, Singh K, Singh, Y.	2024	Exploring the therapeutic potentials of bidentate ligands derived from benzohydrazide and their mononuclear transition metal complexes: insights from computational studies.	Res. Chem Intermed	Elsevier	50(8)	3915-3936	Yes	3.3
Khurana D, Kumar B, Devi J, Antil N, Patil R B, Singh K, Singh Y	2024	Unlocking the Biological Potential of Transition Metal Complexes with Thiosemicarbazone Ligands: Insights from Computational Studies.	Heliyon		10	33150	Yes	3.4

Rani M, Devi J, Kumar B, Arora T, Taxak B	2024	Tridentate xanthene-based hydrazone ligands and their mononuclear transition metal complexes: synthesis, anti-malarial, antimicrobial and molecular docking studies.	Res Chem Intermed,	Springer	50(30)	1409-1434	Yes	2.8
Soni, V., & Dahiya, J. B.	2024	Synthesis and flame- retardant analysis of a novel P/N containing flame retardant on epoxy resin composites.	Fire and Material International Journal	Wiley	48	525-535	Yes	1.9
Soni, V., & Dahiya, J. B.	2024	Synthesis and characterization of a novel P/N containing flame retardant and its effect on flame-retardancy, thermal and mechanical properties of epoxy/clay nanocomposites; High Performance Polymers	Fire and Material International Journal	Wiley			Yes	1.9
Rani P, Pahwa R, Verma V, Bhatia M.	2024	Preparation, characterization, and evaluation of ketoconazole-loaded pineapple cellulose green nanofiber gel	International journal of biological macromolecules	Elsevier	262	130221	Yes	7.7
Rani P, Verma V, Kumar S, Bhatia M.	2024	Isolation, characterization and evaluation of pineapple crown waste nanofiber gel entrapping ampicillin in topical bacterial infections	Iranian Polymer Journal	Springer	33(5)	687-698	Yes	2.4

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	----	-----	-----	02	-----	02

Associate Professor	-----	-----	-----	-----	01	01
Assistant Professor	-----	-----	-----	02	-----	02

(b) International Conferences/ Seminars/ Workshops: 04

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE / Univ./etc.
Dr. Kashmiri Lal	Isatin and 1,2,3-Triazole Based Molecular hybrids: Synthesis and Antimicrobial evaluation.	Chemical and Biological Sciences	Atma Ram Sanatan Dharam, College	Delhi	27-29 Jan 2024	University of Delhi
Dr. Kashmiri Lal		Emerging Goals and Challenges in Pharmacautical technological and Allied Sciences			20-21Mar 2024	
Dr. Jyoti	Experimental and theoretical study to evaluate nature of interactions in binary liquid mixture consisting ionic liquid and lactate	Diversity and Inclusivity in Chemistry (Drugs/Polymers/Environment)	Department of Chemistry Gurugram University	Gurugram	22-23 November 2023	Gurugram University
Dr. Poonam Malik	Achievement of Enantiomeric Purity of Propranolol quantitatively using a Chiral Stationary Phase developed at very low cost in Laboratory	2 nd International Conference of Indian Science Congress Association – Sc. & Tech. for Sustainable Future (ICSTSF- 2024)	Department of Chemistry, MDU Rohtak, Haryana	Haryana India	Feb. 07-08, 2024	M D University

(c) National Conferences/ Seminars/ Workshops: 01

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Dr Mahavir Parshad	Emerging trends of teaching and learning	International Conference on Navigating Change: Professional Learning in a Rapidly Changing World under the patronage of IPDA (International Professional Development Association)	Partap College of Education, Ludhiana, Punjab, India	Ludhiana, Punjab, India	02-03 February 2024	IPDA (International Professional Development Association), UK.

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil

(e) Refresher Courses/ Orientation Courses: 01

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr Mahavir Parshad	NEP-Orientation & Sensitization Programme	GJUST, Hisar	MMTTC, GJUST, Hisar	GJUST, Hisar	Online (08) Eight days from Dec. 13 to 21, 2023.
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(f) National/International Webinars Attended: Nil

(g) Total number of Refresher/ Orientation Course/Webinar attended:

vi.	Refresher Course	:	
vii.	Orientation Course	:	01
viii.	Webinar	:	
ix.	Total	:	

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies:**
- ii) Member of Expert Committees:**
- iii) Member of Academic Bodies of other institutions:**
- iv) Any Other**

Prof. J. B. Dahiya:

1. Life member of Indian Chemical Society, Kolkata.
2. Life member of Thermal Analysis Society, Mumbai.
3. Aluminous of Commonwealth Scholarship Commission, UK.
4. Aluminous of DAAD, Germany
5. Member as Expert in Selection Committee of Various University.
6. Member of Research Advisory Committee, Dept. of Chemistry of CDLU, Sirsa
7. Member of NAAC Peer Team Visit

Prof. Devinder Kumar

1. Life member, Indian Chemical Society, Kolkata
2. Life member, Chemical Research Society of India, Bangalore
3. Life member, The Indian Science Congress Association, Kolkata

Prof. Sonika

1. Member of Governing body, SDM College, Hansi
2. Member of Governing body, FC College for Women, Hisar

Prof. Satbir Mor

1. Member Editorial Board of Referees, Arkivoc (Research Journal of Organic Chemistry), USA.
2. Life Member, SF/6948 (LM), 2009, Indian Chemical Society, Kolkata, India.
3. Life Member, L0170, 2014, The Indian Science Congress Association (14, Dr. Biresw Guha Street, Kolkata-700017) Haridwar Chapter (L0170, 2014).

Prof. Jai Devi

1. Life Member, Chemical Research Society of India, Bangalore
2. Life Member, Indian Chemical Society, Kolkata.

Prof. C.P. Kaushik

Life Member, Indian Chemical Society

Dr. Kashmiri Lal

Life Member of The Indian Science Congress Association (ISCA) L27404

Dr. Vikas Verma

Life Member Chemical Research Society of India

Dr. Jyoti

Life member, Indian Thermodynamics Society

(XIV) Detail of Consultancy Project/ Work in Department: NA

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail): NA**

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	J. B. Dahiya	Dean (Research and Development)	17 March 2023 -16, March 2024
2	Prof. Sonika	Chairperson, Department of Chemistry	01.08.2021 to 31-07-2024
3	Prof. Jai Devi	(i) B. Tech Coordinator (ii) NAAC Coordinator (iii) Committee Member of various events organized by university	
4	Prof C P Kaushik	Deputy Director Central Instrumentation Laboratory, GJUS&T, Hisar	14-06-2023 onwards
5	Dr. Kashmiri Lal	i. Deputy Director, IQAC ii. Nodal Officer-VIDWAN Portal	February 2021 to till date
6	Dr. Jyoti	Chemical Society, Coordinator of Girls Hostel-I	06/2018-till date, Jan 2022 to till date
7	Dr. Mahavir Parshad	1. Director Hospitality, GJUST Hisar 2. Nodal Officer Sugaymay Bharat Abhiyan 3. MOOC coordinator, Department of Chemistry, GJUST Hisar 4. Placement coordinator, Department of Chemistry, GJUST Hisar 5. Alumni coordinator, Department of Chemistry, GJUST Hisar 6. Programme coordinator Youth Red Cross, GJUST Hisar. 7. Mentor of the Students Club-	April 2021 to till date July 2021 to till date From session 2022-23 onwards From session 2022-23 onwards From session 2022-23 onwards w.e.f. 15/03/2024 onward w.e.f. 07/05/2024 to till

		Vasundhara-Environmental Activities, GJUST Hisar	date
		8. Member of the committee to decide all the issues related to implementation of NEP-2020 in affiliated colleges of GJUST Hisar	w.e.f. 21/06/2024 till date
		9. Deputy Nodel Officer, National Education Policy 2020, GJUST Hisar	w.e.f. 20/05/2024 to till date.

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	----	----
Placement	07	01

- **Note: - Please attach a list of companies along with number of students for training and placement with dates, etc.**

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

- Seminar/Conference/Refreshers course/Workshop/Training Programme: Nil
- Extension lecture: Nil

iii Students Tour

Places visited	Number of Participants	Dates/Duration	Faculty Incharge
Visited Pharma Industry Sun Pharma (Gurugram)	30	21/03/2024/ (01) one day	Dr Mahavir Parshad Dr Jyoti

iv. Industry interaction programmes: Nil.

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Dr. Poonam Malik	Best Poster Award	M D University Rohtak	International	Feb. 8, 2024

(XX) Any other important Information/ Achievement of the Department:

DEPARTMENT OF CHEMISTRY

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
01	01		
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
32	-	32	9.8
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
----	-	-	-
Total number of funded research projects	Completed	Ongoing	-
02	01	01	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
45	09	06	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Overall progress of the department is very good. It is revealed by total 32 (thirty-two) nos. of research publications made by the faculty in different journals of national and international repute. Also, 45 (forty-five) nos. of research scholars pursued their Ph.D. research work, 06 (six) nos. of research scholars were awarded Ph.D. degree, and 09 (nine) nos. of research scholars have submitted their Ph.D. theses in different specializations of Chemistry,

Plan for the next year:

(i). To construct the Curricula for the newly started courses as per NEP-2020, (ii). To publish research papers in the journals of high impact factors, and (iii). To submit more proposals for research projects to get more fundings for the betterment of research explorations.

APPENDIX -I**List of Research Scholars**

Sr.No.	Registration No	Name of the Candidate	Name of Supervisor
1	15059005	Jitender Kumar	Prof. J.B Dahiya
2	16059001	Nisha	Prof Devinder Kumar
3	16059004	Kismat Dhillon	Prof. J.B. Dahiya
4	17059009	Amit	Prof. Vikas Verma
5	190050090005	Priyanka Yadav	Prof C P Kaushik
7	190050090008	Naresh Kumar	Prof Sonika
8	190050090010	Vishal	Prof. J.B. Dahiya
9	190050090103	Pooja Rani	Dr. Jyoti
10	190050090104	Pooja Devi	Dr. Jyoti
11	200050090103	Vijay kumar	Prof. Kashmiri Lal
12	190050090007	Laxmi Narwal	Prof. J.B. Dahiya
13	190050090102	Jyoti Yadav	Prof. C.P. Kaushik
14	190050090107	Ravinder	Prof. Satbir Mor
15	190050090105	Manju Rani	Prof. Jai Devi
16	190050090106	Binesh Kumar	Prof. Jai Devi
17	190050090109	Vikram	Prof. Vikas Verma
18	190050090110	Seema	Prof. J.B. Dahiya
19	190050090111	Alpna Gupta	Prof. J.B. Dahiya
20	190050090112	Kanchan Rani	Prof. J.B. Dahiya
21	200050090101	Ankit	Prof. Jai Devi
22	200050090102	Sonia	Prof. Vikas Verma
23	200050090104	Bharti	Prof. Jai Devi
24	200050090105	Sushma	Dr. Jyoti
25	200050090106	Tanisha	Prof. Jai Devi
26	200050090109	Pinki	Prof. Sonika
27	200050090110	Seema Devi	Prof. Kashmiri Lal
28	200050090111	Shikha	Prof. Sonika
29	200050090112	Swati	Prof. Jai Devi
30	220050090102	Ritika	Prof. Vikas Verma
31	220050090103	Anju	Prof. Sonika
32	220050090104	Renu	Dr. Mahavir Parshad
33	220050090105	Anshul	Prof. Kashmiri Lal
34	220050090106	Aman	Prof. Kashmiri Lal
35	220050090107	Manju	Dr. Mahavir Parshad
36	220050090108	Akanksha	Prof. Kashmiri Lal
37	230050091001	Sweety	Prof. Vikas Verma
38	230050091002	Jyoti	Prof. Sonika
39	230050091003	Manisha	Prof. Jai Devi
40	230050091004	Nirmala Devi	Dr. Mahavir Parshad
41	230050091006	Shweta	Prof. Sonika
42	230050091007	Sonia	Prof. Kashmiri Lal
43	230050092001	Nishu	Prof. Jai Devi
44	230050092002	Ashu	Prof. Sonika
45	240050091001	Asha	Prof. Kashmiri Lal

APPENDIX-2**List of Thesis Submitted Students**

Sr. No.	Registration No.	Name of the Candidate	Supervisor
1	16059001	Nisha	Prof Devinder Kumar
2	16059004	Kismat Dhillon	Prof. J.B. Dahiya
3	190050090005	Priyanka Yadav	Prof C P Kaushik
4	190050090006	Archna Yadav	Prof C P Kaushik
5	190050090008	Naresh Kumar	Prof Sonika
6	190050090010	Vishal	Prof. J.B. Dahiya
7	190050090103	Pooja Rani	Dr. Jyoti
8	190050090104	Pooja Devi	Dr. Jyoti
9	200050090103	Vijay kumar	Prof. Kashmiri Lal

Ph.D. degree awarded students

Sr.No.	Registration No	Name of the Candidate	Name of Supervisor
1	16059001	Nisha	Prof Devinder Kumar
2	190050090005	Priyanka Yadav	Prof C P Kaushik
3	190050090006	Archna Yadav	Prof C.P. Kaushik
4	190050090008	Naresh Kumar	Prof Sonika
5	190050090108	Aman Kumar	Prof Kashmiri Lal
6	190050090109	Parul Bhalla	Prof Rajesh Malhotra

DEPARTMENT OF CIVIL ENGINEERING

(I) **NAME** : Civil Engineering Department

(II) **Year of Establishment** : 2018

(III) (a) **State the vision of the Department:** To develop competent and capable civil engineering students with an emphasis on the value-based state of the art technical knowledge, innovation and entrepreneurial skills for the development of the society.

(b) **State the mission of the Department:**

- To generate trained manpower with great scientific orientation.
- To impart technical knowledge, soft skills, leadership qualities and professional ethics among the students.
- To benefit humanity, nation, and society through research, creativity, problemsolving and application development
- To occupy a position of pride among the eminent educational institutes of the Country

(c) **State the objective of the Department:** To Serve society and the civil engineering profession through involvement in community and professional organizations.

(IV) **Programme (s) offered in the department**

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.		
P.G		
U.G	60+6(Leet)	61
Any other		

(V) **Faculty detail**

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	Nil	Nil	Nil
Associate Professor	02	Nil	Nil	Nil
Assistant Professor	04	Nil	Nil	Nil

(VI) **Office/Tech. staff detail:**

Title of Position	Sanctioned strength	In position strength
Lab Attendant	03	01
Lab Technician	01	Nil
Clerk	01	Nil
Peon	01	0

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes NA

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	61	41	31	59	79

(c) Detail of Foreign Students, if any, admitted in the Department: NA

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor); NA

(IX) Sponsored Research/ Consultancy Projects: NA

X) Number of Publications of Faculty (in Total): NA

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc. :NA

b) Research Papers/ Articles in Journals: NA

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: NA

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented: NA

(b) International Conferences/ Seminars/ Workshops: NA

(c) National Conferences/ Seminars/ Workshops: NA

(d) Regional/ State Level Conferences/ Seminars/ Workshops: NA

(e) Refresher Courses/ Orientation Courses: NA

(f) National/International Webinars Attended; NA

(g) Total number of Refresher/ Orientation Course/Webinar attended:NA

- i) Refresher Course :
- ii) Orientation Course :
- iii) Webinar :
- iv) Total :

(XIII) Association with National and State Level Bodies Na

(Give Faculty-wise details):

i) Membership of Professional Bodies:

ii) Member of Expert Committees:

- iii) Member of Academic Bodies of other institutions:**
iv) Any Other
- (XIV) Detail of Consultancy Project/ Work in Department: Na**
- (XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail);
NA**
- (XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**
- (XVII) Training /Internship/ Placement Activities information of the Department:**
- (XVIII) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year: NA**
- i Seminar/Conference/Refreshers course/Workshop/Training Programme**
- ii. Extension lecture: NA**
- iii. Students tour NA**
- iv. Industry interaction programmes: NA**
- (XIX) Awards/ Honours received by Faculty: NA**
- (XX) Any other important Information/ Achievement of the Department:**

DEPARTMENT OF COMPUTER SCIENCE & ENGG.

- (i) **Name** : COMPUTER SCIENCE & ENGG.
- (ii) **Year of Establishment** : 1995
- (iii) (a) **Vision** : The vision of the Department is to become a center of excellence for education in Computer Science, Engineering and Applications. We visualize ourselves as an agency to nurture young minds into leaders of tomorrow in the field of higher education, research and development, and corporate world. We aim to produce creators and innovators who will work towards the overall well-being of the society.
- (b) **Mission** :
- To impart state-of-the-art knowledge in Computer Science and Engineering, Information Technology and Computer Applications.
 - To ensure our students graduate with a sound theoretical basis and wide-ranging practical experience.
 - To foster linkages between the Department and public and private sectors, traversing research establishments as well as Information Technology industry.
 - To promote ethical research of high quality.
 - To adopt the best pedagogical methods in order to maximize knowledge transfer.
 - To inculcate a culture of free and open discussions in the Department.
 - To engage students in learning, understanding and applying novel ideas.
 - To infuse scientific temper, professionalism, enthusiasm and team spirit.
 - To inspire a zest into students for lifelong learning.
 - To promote democratic values, an environment of equal opportunity for everyone irrespective of gender, religion and cast.
 - To attract and retain the talented and dedicated teaching and supporting staff, and students.
- (c) **Objectives:** To facilitate and promote studies and research in emerging areas of Information Technology and Computer Engineering to achieve excellence in these fields.

IV) Programme (s) Offered in the Deptt:

Course	Sanctioned intake	Present Strength (Total)
Ph. D	As per availability	105
P.G (MCA &M.Tech.)	MCA-60,M.Tech.CSE)-30	119+30 = 149
U.G. (B.Tech. CSE)	B.Tech. CSE-120+24*	145+147+149+156 = 597
U.G. (B Tech IT)	B Tech IT-60+12*	78+78+79+79 = 314
U.G. (B Tech AI & ML)	B Tech AI & ML -60+12*	70+77+69 = 216

*LEET

(V) Faculty detail**(Attach a list of the Faculty alongwith their qualifications and Experiences)**

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	06	00	10	04 Associate Professor promoted to Professor Under CAS and 06 Assistant Professor promoted to Associate Professor and Professor Under CAS
Associate Professor	12	04	02	04 Associate Professor already promoted to Professor Under CAS and 02 Assistant Professor promoted to Associate Professor under CAS
Assistant Professor	24	18 +1 ^	---	----

^On Deputation from CDLSIET

Regular Faculty Details

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualification	Experience (in years)	H. Index (Scopus Based)
1.	Prof.Dharminder Kumar (Retired on 30.09.2023)	Professor	Ph.D.	32	12
2.	Prof. Saroj (Retired on 31.12.2023)	Professor	Ph.D.	25.5	9
3.	Prof. Yogesh Chaba	Professor	Ph.D	27	8
4.	Prof. Pradeep Bhatia (Retired on 31.05.2024)	Professor	Ph.D	30	9
5.	Prof. Rishi Pal Singh	Professor	Ph.D	24	5
6.	Prof. Om Prakash Sangwan	Professor/ Chairman	Ph.D	19	10
7.	Prof. Sanjeev Kumar	Professor	Ph.D	19	1
8.	Prof. Jyoti	Professor	Ph.D	18	5
9.	Dr. Sunila	Professor	Ph.D	17	3
10	Prof. Jaswinder Singh	Professor	Ph.D	19	1
11	Dr. Ritu	Associate Professor	Ph.D	17	1
12	Dr. Sunil Nandal	Associate Professor	Ph.D	17	2
13	Dr. Jai Bhagwan	Assistant Professor	Ph.D	11	1
14	Dr. Narender	Assistant Professor	Ph.D	15	2
15	Dr. Manoj	Assistant Professor	Ph.D	11	1
16	Dr. Abhishek Kajal	Assistant Professor	Ph.D	14	5
17	Dr. Sakshi Dhingra	Assistant Professor	Ph.D	10	2
18	Dr. Anju	Assistant Professor	Ph.D	10	5

19	Dr. Sunita	Assistant Professor	Ph.D	18	3
20	Dr. Deepak Nandal	Assistant Professor	Ph.D	11	3
21	Dr. Sunil Kumar	Assistant Professor	Ph.D	10	
22	Dr. Krishan Kumar Ranga	Assistant Professor	Ph.D	24	
23	Dr. Seema (On Deputation)	Assistant Professor	Ph.D	19	

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned Strength	In Position Strength
System Manager	1	NIL
Programmer	1	NIL
Supdt.	1	1
Dy. Supdt.	2	NIL
Tech Asst – I	2	2
Sr. Hardware Technician	-	NIL
Asst	5	2
Sr. Scale Stenographer	1	NIL
JLA	2	NIL
Lab Tech	3	1+1*
Steno Typist	3	NIL
Clerk cum JDEO	5	2+1*
Lab-Attendant	8	6
Peon	4	2*

***on contract through contractor/HKRNL**

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
M.Tech (CSE)	30	13	14
MCA	60	59	60

(b) Students detail in respect of B.Tech,B.Pharm. and B.P.Th. Programmes

B.Tech (CSE)

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
120	145	120 +12	127+20 = 147	149	156

B.Tech (I.T.)

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	71	60 + 6 =	71 + 8 = 79	78	78

B.Tech (AI & ML)

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60	70	60 + 6 = 66	66 + 11 = 77	69	----

(c) Detail of Foreign Students, if any, admitted in the Department:**(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)**

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
105	27	02	15

List of Pre Ph.D 2023-24 Students

Sr. No.	University Roll No.	Name of Candidate	Father's Name	Guide/Supervisor Name
1	230010082001	Chain Singh	Lakhmi Chand	Prof. Jaswinder Singh
2	230010082002	Ruchi Yadav	Shish Ram Yadav	Dr. Manoj
3	230010082003	Sunita Mittal	Suraj Bhan	Prof. Sanjeev Kumar
4	230010082004	Monika Singla	Mahender Singh	Dr. Krishan Ranga
5	230010092001	Vimaxi Gera	Gobind Lal	Prof. O.P.Sangwan/ Prof. P.K.Bhatia
6	230010092002	Rajinder Kumar	Makhan Ram	Prof. Sanjeev Kumar
7	230010092003	Annu	Rajbir Singh	Prof. O.P.Sangwan
8	230010092004	Seema Rani Gadai	Anand Prakash	Dr. Manoj
9	230010092005	Rajat	Azad Singh	Dr. Narender Kumar
10	230010092006	Prem Kumar	Balwant	Dr. Narender Kumar
11	230010092007	Jyoti	Bharat Singh	Dr. Sunil Nandal

12	230010092008	Nisha Choudhary	Kashi Ram	Prof. O.P.Sangwan
13	230010092009	Shaina	Mandeep	Dr. Krishan Ranga
14	230010092010	Ravika Rani	Naresh Kumar	Dr. Manoj
15	230010092011	Aakash	Narinder Goyal	Dr. Narender Kumar
16	230010092012	Rinku	Ombir	Prof. Yogesh Chaba
17	230010092013	Mohit Kumar	Rajbir Singh	Dr. Krishan Ranga
18	230010092014	Priyanka	Ramesh Kumar	Dr. Manoj
19	230010092015	Annu Bala	Shamsher Singh	Dr. Sunil Nandal
20	230010092016	Urmila	Subh Ram	Prof. Jaswinder Singh
21	230010092017	Kajal	Surender	Dr. Krishan Ranga
22	230010091001	Priyanka Poonia	Dhanpat SinghPoonia	Prof. Rishi Pal Singh
23	230010091002	Pooja Rani	Kawal Krishan	Dr. Sakshi Dhingra
24	230010091003	Nisha Rani	Mahender Kumar	Dr. Sunil Verma
25	230010091004	Krity Duhan	Rajender Singh	Dr. Abhishek Kajal
26	230010091005	Samiksha Mathur	Randhir Singh	Prof. Dharmender Kumar
27	230010091006	Sharmila Devi	Umrav Singh	Dr. Sunil Verma

(IX) Sponsored Research/ Consultancy Projects: Nil

X) Number of Publications of Faculty (in Total)

Books/ Book Chapter	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
Book- 02 Chapter-09	31		31	--	--

(XI) Faculty wise detail of publication during the academic year:

e) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)	Publishers	DOI/URL
Rishi Pal Singh	Energy Optimization of Electronic Vehicle Using Blockchain Method	Mar, 2024	Book Chapter	Springer	DOI:10.1007/978-981-99-9037-5_7
Rishi Pal Singh	Analysis of Various Mac Protocols in 802.11 AX	Feb, 2024	Book Chapter	Springer	DOI:10.1007/978-981-99-7862-5_12
Jyoti Vashishtha	A Comprehensive Review: Sentiment Analysis for Indian Local Languages , 2024, 893, pp. 1–13	2024	Book Chapter	Springer	https://doi.org/10.1007/978-981-99-9518-9_1

Abhishek Kajal	Accuracy Enhancement for Intrusion Detection Systems Using LSTM Approach	2023	Book Chapter	Springer Nature, Singapore	doi.org/10.1007/978-981-99-9811-1_40
Abhishek Kajal	Twitter Sentiment Analysis Using LSTM-Dense-Dropout Hybrid Deep Learning Approach	2024	Book Chapter	Springer Nature, Singapore	doi.org/10.1007/978-981-99-6547-2_48
Abhishek Kajal	Exploring the Role of Deep Learning and Explainable AI in Android Malware Detection: A Systematic Review	2024	Book Chapter	Springer Nature, Singapore	https://link.springer.com/book/9789819795062
Abhishek kajal	A Review of Deep Learning based Intrusion Detection Systems	2023	Book Chapter	IEEE Xplore	doi: 10.1109/ICC CIS60361.2023.10425595
Sunil Kumar	Deep Dive into Deep Learning	2023	Book	Iterative International Publishers	
Sunil Kumar	Computer Operator and Programming Assistant	2023	Book	Published by Satya Prakashan, New Delhi	
Sunil Kumar	Biometric Systems Security and Privacy Issues	2024	Book Chapter	CRC PRESS, Taylor & Francis Group	https://doi.org/10.1201/9781032614663
Dharminde r Kumar, Sakshi Dhingra	Hybrid Soft Computing for CBIR System by Integration of Edge Detection and Compression Mechanism	2024	Book Chapter	Springer, Singapore	https://doi.org/10.1007/978-981-97-1682-1_29

b) Research Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol.& No.	Pages	SCI/ Scopus	DOI
1.	Dharminder Kumar	2024	An Efficient Load Balancing HBLBACO Approach Using Hybrid BAT and LBACO Algorithm in Cloud Environment	International Journal of Computer Networks and Applications (IJCNA)	EverScience Publications	Volume 11 No. 5 (2024)	pp. 594-606	Scopus	10.22247/ijcna/2024/38.
2.	Saroj Ratnoo	2023	Efficient Deep Pre-trained Sentence Embedding Model for Similarity Search	International Journal of Computer Information Systems and Industrial Management Applications	MIR Labs	Volume 15 (2023)	pp. 605-615	Scopus	https://www.mirlabs.org/ijcisim/regular_papers_2023/Paper_54.pdf
3.	Rishi Pal Singh,	Jan, 2024	<u>Path loss assessment of electromagnetic signal on air-sea and air-soil boundary in Sensor Networks</u>	International Journal of Systems Assurance Engineering and Management	Springer	15	2238-2247	Scopus and ESCI	DOI:10.1007/s13198-023-02239-x
4.	Rishi Pal Singh	Sep, 2023	<u>A review on evolving domains of Internet of Things: Architecture, applications, and technical challenges</u>	International Journal of Communication Systems	Wiley	36 & 18	1-25	Scopus, SCIE and Web of Science	DOI:10.1002/dac.5613
5.	Prof. O.P. Sangwan	2024	<u>Hybrid optimization algorithm with the combination of PSO and Genetic Algorithm for Task scheduling in Cloud Computing</u>	International Journal of Science, Mathematics and Technology Learning		Volume-32 No. 2			
6.	Prof. O.P.Sangwan	2023	<u>Classifying Weather Images using Deep Neural Networks for Large Scale Datasets</u>	International Journal of Advanced Computer Science and Applications	Inderscience Publishers	(IEL)14(1), pp:1-14		Web of Science, Scopus indexed	DOI: https://doi.org/10.14569/IJACSA.2023.0140136

7.	Prof. O.P.Sangwan	2023	<u>Quality of Service Prediction Model in Cloud Computing using Adaptive Dynamic Programming Parameter Tuner</u>	International Journal of Grid and Utility Computing 14(1)		1741-847X		Scopus and ESCI Indexed	DOI: https://doi.org/10.1504/IJGUC.2023.129699
8.	Jyoti Vashishtha	2023	<u>Efficient Deep Pre-trained Sentence Embedding Model for Similarity Search</u>	International Journal of Computer Information Systems and Industrial Management Applications	MIR Labs	Volume 15 (2023)	pp. 605-615	Scopus	https://www.mirlabs.org/ijcisim/regular_papers_2023/Paper54.pdf
9.	Jaswinder Singh	March, 2024	<u>Extracting features of tomato viral leaf diseases using image processing techniques</u>	IAES International Journal of Artificial Intelligence(IJ-AI)	IAES in collaboration with Intelektual Pustaka Media Utama (IPMU)	Vol. 13, No.1	925-934	Scopus	https://ijai.iaescore.com/index.php/IJAI/article/view/24035/13895
10.	Jaswinder Singh	June 2024	<u>A genetic algorithm - based feature selection approach for diabetes prediction</u>	IAES International Journal of Artificial Intelligence(IJ-AI)	IAES in collaboration with Intelektual Pustaka Media Utama (IPMU)	Vol. 13, No.2	1489-1498	Scopus	https://ijai.iaescore.com/index.php/IJAI/article/view/23969/13951
11.	Jaswinder Singh	June 2024	<u>Improving Opinion Mining Accuracy with Dragonfly Algorithm –Based Hybrid Classification</u>	International Journal of Intelligent Systems and Applications in Engineering	Auricle Global Society of Education and Research	Vol. 12, No.4	779-789	Scopus	https://ijisae.org/index.php/IJISAE/article/view/6293
12.	Ritu Makani	Mar. 2024	Implementation of Parallel Proof of Work Algorithm for Blockchain Using SimBlock Simulator	International Journal of Intelligent Systems and Applications in Engineering	n/d	vol. 12, no. 3	3917–3927	Scopus	https://ijisae.org/index.php/IJISAE/article/view/6079 .

13.	Ritu Makani	Oct. 2023	Enhancing Transaction Speed of Blockchain System via Parallel Proof of Work	International journal on recent and innovation trends in computing and communication	Auricle Global Society of Education and Research	vol. 11, no. 10	2595–2601	Scopus	https://doi.org/10.17762/ijritcc.v11i10.10004
14.	Ritu Makani	2023	Secure and Compatible Integration of Cloud-Based ERP Solution: A Review.	International Journal of Intelligent Systems and Applications in Engineering	n/d	11(9s)	695–707	Scopus	https://ijisae.org/index.php/IJISAE/article/view/3218/1805
15.	Ritu Makani	2024	Fuzzy inference based feature selection and optimized deep learning for Advanced Persistent Threat attack detection	International Journal of Adaptive Control Signal Processing	John Wiley and Sons Ltd	38 (2)	604–620	SCIE-Indexed	https://doi.org/10.1002/acs.3717
16.	Ritu Makani	Nov. 2023	Secure and Compatible Integration of Cloud-Based ERP Solution	Journal of Army Engineering University of PLA	--	23(1)	183-189	Scopus	https://www.jaeu-pla.org/vol23-issue1
17.	Ritu Makani	2024	Advanced Persistent Threat Performance Analysis Based on Machine Learning Models	International Journal of Intelligent Systems and Applications in Engineering	n/d	12(2)	741-757	Scopus	https://ijisae.org/index.php/IJISAE/article/view/4317
18.	Ritu Makani	Nov. 2023	Security in Enterprise Resource Planning solution.	International Journal of Intelligent Systems and Applications in Engineering	n/d	12(4)	702-709	Scopus	https://ijisae.org/index.php/IJISAE/article/view/3855
19.	Abhishek Kajal	2024	Enhancing AI Model Reliability and Responsiveness in Image Processing: A Comprehensive Evaluation of Performance Methodologies	International Journal of Intelligent Systems and Applications in Engineering	Auricle Global Society of Education and Research	Vol. 12 and Issue 15	489 - 497	SCOPUS Indexed	https://ijisae.org/index.php/IJISAE/article/view/4773
20.	Deepak Nandal	2024	Inception-v3 vs. DenseNet for	International Journal Of Intelligent Systems And	Auricle Global	12(21s)	1779–1794	SCOPUS (Elsevier)	https://ijisae.org/index.php/IJISAE/article/

			Automated Detection of Diabetic Retinopathy	Applications In Engineering	Society of Education and Research				view/5749
21.	Deepak Nandal	2024	<u>Synthesis strategies of smart 3D nanoarchitectures and their applications in energy storage and conversion</u>	Energy Storage	Wiley	Vol 6 (1)	1-29	SCI	DOI: 10.1002/est2.559
22.	Sunil Kumar	2024	An optimized neural network with AdaHessian for crypto-jacking attack prediction for Securing Crypto Exchange Operations of MEC applications	Journal of Cloud Computing	SpringerOpen	Volume 13, Article no. 63	19	SCIE	https://doi.org/10.1186/s13677-024-00630-y .
23.	Anju Sangwan	Jan, 2024	A two-staged SEM: artificial neural network approach for understanding and predicting the factors of students' satisfaction with emergency remote teaching	Educational Technology Research and Development	Springer	72 & 3	1249-1286	Scopus and SSCI	DOI:10.1007/s11423-023-10335-9
24.	Anju Sangwan	Sep, 2023	A review on evolving domains of Internet of Things: Architecture, applications, and technical challenges	International Journal of Communication Systems	Wiley	36 & 18	1-25	Scopus, SCIE and Web of Science	DOI:10.1002/dac.5613
25.	Sakshi Dhingra	2024	An Efficient Load Balancing HBLBACO Approach Using Hybrid BAT and LBACO	International Journal of Computer Networks and Applications (IJCNA)	EverScience Publications	Volume 11 No. 5 (2024)	pp. 594-606	Scopus	10.22247/ijcna/2024/38.

			Algorithm in Cloud Environment						
26.	Dr. Manoj	Sept 2023	PV-based DC-DC buck-boost converter for LED driver	e-Prime-Advances in Electrical Engineering, Electronics and Energy				SCI Indexed	
27.	Dr. Manoj	April 2024	Comprehensive evaluation and performance analysis of machine learning in heart disease prediction	Scientific Reports		14, no. 1	pp 7819	SCI Indexed	
28.	Anupma Sangwan	Jan, 2024	A two-staged SEM: artificial neural network approach for understanding and predicting the factors of students' satisfaction with emergency remote teaching	Educational Technology Research and Development	Springer	72 & 3	1249-1286	Scopus and SSCI	DOI:10.1007/s11423-023-10335-9

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	8	--	--	8	--	--
Associate Professor	--	--	--	--	--	--
Assistant Professor	9	1	--	9	1	--

(b) International Conferences/ Seminars/ Workshops:

Sr. No.	Name of the Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates	DOI	ISBN
1.	Saroj Ratnoo	Transformer Based Unsupervised Learning Approach for Imbalanced Text Sentiment Analysis of E-Commerce Reviews	International Conference on Machine Learning and Data Engineering (ICMLDE 2023)	UPES, Dehradun, India	Dehradun	23 - 24 November 2023	https://doi.org/10.1016/j.procs.2024.04.220	Online ISSN: 1877-0509 (Procedia Computer Science, Elsevier)
2.	Prof. O.P. Sangwan	Analysis and Design of Software Effort Estimation Model Using Machine Learning Techniques: A Systematic Literature Review	4th International Conference on Information Technology (InCITe) 2024: Adaptive Intelligence: Evolve Your World	Amity School of Engineering & Technology, Amity University Uttar Pradesh	U.P.	6-7 March 2024		
3.	Prof. O.P. Sangwan	Metaheuristics Techniques Optimized LSTM Network for Improved Weather Prediction	IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovations (ATMSI)	ATMSI		2024		
4.	Prof. O.P. Sangwan	A Critical Review on Energy Efficient Scheduling Techniques in Cloud Computing	4th international Scientific Conference of Alkafeel University, AIP Conference Proceeding		Alkafeel University	2023/12/22		
5.	Jyoti Vashishtha	Transformer Based Unsupervised Learning Approach for Imbalanced Text Sentiment Analysis of E-Commerce Reviews	International Conference on Machine Learning and Data Engineering (ICMLDE 2023)	UPES, Dehradun, India	Dehradun	23 - 24 November 2023	https://doi.org/10.1016/j.procs.2024.04.220	Online ISSN: 1877-0509 (Procedia Computer Science, Elsevier)

6.	Jaswinder Singh	Mango Maturity Classification Based on LAB Color Features using Machine Learning	International Conference on Artificial Intelligence, Computing, IoT and Data Analytics (AICTA-2023)	Punjab Engineering College	Chandigarh	December, 18-20, 2023	--	--
7.	Jaswinder Singh	Extensive Study of Disease Prediction Model using Machine Learning	Ist International Conference on Artificial Intelligence, Advanced Materials and Mechatronics Systems (AIAMMS-2023)	JECRC University	Jaipur	November, 3-4, 2023	--	--
8.	Jaswinder Singh	A Primer on Sarcasm Detection	Ist International Conference on Artificial Intelligence, Advanced Materials and Mechatronics Systems (AIAMMS-2023)	JECRC University	Jaipur	November, 3-4, 2023	--	--
9.	Abhishek Kajal	A Review of Deep Learning based Intrusion Detection Systems	4th International Conference on Computing, Communication and Intelligent Systems (Sponsored by IEEE)	Department of CSE, Sharda University, Greater Noida, UP	Online	03 - 04 Nov, 2023	doi: 10.1109/ICCCIS60361.2023.10425595.	979-8-3503-0611-8
10.	Dr. Manoj	Exploring 5G Architecture, Technologies, and Mobility Challenges: A Path to SDN-Based Future	International Conference on Advanced Computing & Communication Technologies	IEEE	Banur, India	Dec. 23 2023 to Dec. 24 2023	10.1109/ICACCTech61146.2023.00095	979-8-3503-8088-0
11.	Dr Manoj	Investigating Impact of 5G Mobility Management Over Handover	International Conference on Advanced Computing & Communication Technologies	IEEE	Banur, India	Dec. 23 2023 to Dec. 24 2023	10.1109/ICACCTech61146.2023.00096	979-8-3503-8088-0
12.	Dr. ANJU	Comparison of Recent Energy Efficient Protocols Used in Smart Agriculture	International Conference on Integrated Circuits, Communication, and Computing Systems (ICIC3S)	School of Electronics, IIT UNA, Himachal Pradesh	IIT UNA, Himachal Pradesh	8-9 June, 2024	DOI:10.1109/ICIC3S61846.2024.10603013	ISBN: 9798350364088

13.	Dr. ANJU	Study of different approaches used to detect and heal coverage holes: a review	International Conference on Research and Innovation for Sustainable Development (ICRISD-2024)	UIET in collaboration with Centre for Research and Innovation India & Akhil Bhartiya Rashtriya Mahasangh, MDU Rohtak(Unit)	MDU, Rohtak	04-05 May, 2024		
14.	Dr Deepak Nandal	Exploring 5G Architecture, Technologies, and Mobility Challenges: A Path to SDN-Based Future	International Conference on Advanced Computing & Communication Technologies	IEEE	Banur, India	Dec. 23 2023 to Dec. 24 2023	10.1109/ICACCTech61146.2023.00095	979-8-3503-8088-0
15.	Dr Deepak Nandal	Investigating Impact of 5G Mobility Management Over Handover	International Conference on Advanced Computing & Communication Technologies	IEEE	Banur, India	Dec. 23 2023 to Dec. 24 2023	10.1109/ICACCTech61146.2023.00096	979-8-3503-8088-0
16.	Dr. Deepak Nandal	Exploration And Analysis Of Next Generation Firewalls In Information Technology For Enhanced Network Security	2nd International Conference of the Indian Science Congress Association, Rohtak Chapter on "Science and Technology for Sustainable Future (ICSTSF-2024)	University Institute Of Engineering And Technology Maharshi Dayanand University Rohtak	Rohtak	7-8 February, 2024	--	--
17.	Dr. Deepak Nandal	Evolutionary Trends In Firewall Technologies: A Comprehensive Review	2nd International Conference of the Indian Science Congress Association, Rohtak Chapter on "Science and Technology for Sustainable Future (ICSTSF-2024)	University Institute Of Engineering And Technology Maharshi Dayanand University Rohtak	Rohtak	7-8 February, 2024	--	--

(c) National Conferences/ Seminars/Workshops :

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Dr. Sunil Kumar	Generative Adversarial Neural Network and Adversarial Auto Encoders for Effective IP	One-week Collaborative Capacity Building Program	Thakur College of Engineering & Technology and ThandomalShaani Engineering College, Sponsored by IEEE Bombay Section	Bombay	During 24th June to 29th June 2024	
Dr. Sunil Kumar	Essential Documents Formatting Skills	3-hour Workshop	Department of CSE, GJUS&T, Hisar	Hisar	26th November 2023	
Dr. Sunil Kumar	Cyber Security and Cyber Crime	Half-Day workshop	Department of CSE, GJUS&T, Hisar	Hisar	21st November 2023	
Dr. Sunil Kumar	How to Write A Research Project Proposal	Online	Android Connectz Pvt Ltd	--	24th September 2023	
Dr. Sunil Kumar	Smart GJUST Hackathon 2023	Offline	CSE, GJUST		22nd September 2023	
Dr. Sunil Kumar	Python Programming & Data Analytics	Online	CSE, GJUST	Hisar	26th -10th September 2023	
Dr. K.K.Ranga	Python Programming & Data Analytics	Online	CSE, GJUST	Hisar	26th -10th September 2023	
Dr. Manoj	Cyber Security and Cyber Crime	Half-Day workshop	Department of CSE, GJUS&T, Hisar	Hisar	21st November 2023	
Dr. Manoj	Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)	One Week Online Mode Short Term Course and Faculty Development Programme	Department of Computer Science and Engineering, and Electrical Engineering, NIT Rourkela	Rourkela	24th January 2024 to 28th January 2024	

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil**(e) Refresher Courses/ Orientation Courses:**

Sr. No.	Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept.	University	Place	Date
1.	Dr. Narender Kumar	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
2.	Dr Deepak Nandal	Artificial Intelligence And Data Analytics	Dept of AIDS, GJUST, Hisar	Department Of Artificial Intelligence And Data Science	GJUST, Hisar	Hisar	18th March-23rd March 2024
3.	Dr. Sunita	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
4.	Dr. Jai Bhagwan	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
5.	Dr. Sakshi	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
6.	Dr. K.K. Ranga	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
7.	Dr. K.K. Ranga	NEP Orientation and Sensitization Program	Two-Weeks Online Mode	Malaviya Mission Teacher Training Centre	MMTTC at Indian Institute of Design and Manufacturing.	Chennai	01.12.2023 to 12.12.2023
8.	Dr. K.K. Ranga	FDP on “Data Science using R”	One Week NITTTR, Sec-26, Chandigarh	Computer Science & Engineering Department,	AICTE Recognized Faculty Development Program	NITTTR, Sec-26, Chandigarh	17.07.2023 to 21.07.2023
9.	Dr. Anju	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
10.	Dr. Manoj	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024
11.	Dr. Seema	Emerging Trends in Computational Intelligence	GJUST, Hisar	Dept. of CSE	GJUST, Hisar	Hisar	15-20 Jan, 2024

(f) National/International Webinars Attended**(g) Total number of Refresher/ Orientation Course/Webinar attended:**

i. Refresher Course	:	11
ii. Orientation Course	:	--
iii. Webinar	:	--
iv. Total	:	11

(XIII) Association with National and State Level Bodies**(Give Faculty-wise details):****i) Membership of Professional Bodies:**

Prof. Dharminder Kumar	<ul style="list-style-type: none"> • Life member of Computer Society of India • Member, IAENG (ID. No. 111174) • Member, SPSTI (ID. No. LM1034)
Prof. Pradeep Kr. Bhatia	<ul style="list-style-type: none"> • IMRF Instituion of Higher Education & Resreach, India, Govt of A.P.
Dr. O.P. Sangwan	<ul style="list-style-type: none"> • Life Member, Computer Society of India, India. (Membership No. 01083699) • Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424) • Member, Computer Science Teacher Association, New York, USA (Membership No. 4711935) • Member, International Association of Engineers (IAENG), Hong Kong (Membership No. 123697) • Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424) • Reviewer, Internal Journal of Expert Systems with Applications or its Open Access Mirror, Elsevier. • Reviewer, Advances in Science, Technology and Engineering Systems Journal (ASTES), UK and United States. • Reviewer, Journal of King Saud University - Computer and Information Sciences, Elsevier. • Reviewer, Computer Methods and Programs in Biomedicine, Elsevier. • Reviewer, SN Applied Science (SNAS), Springer Nature.
Jaswinder Singh	International Association of Engineers
Amandeep	International Association of Engineers
Mr. Manoj Yadav	<ul style="list-style-type: none"> • (AMIE) Associate members of the Institution of Engineers(India) (Membership No AM1753781)
Narender Kumar	<ul style="list-style-type: none"> • ISTE Member

Abhishek Kajal	<ul style="list-style-type: none"> • CSI
Sunil Kumar	<ul style="list-style-type: none"> • Working as SPOC for Smart India Hackathon event since 2017 to 2022, Guru Jambheshwar University of Science & Technology.
Krishan Kumar	<ul style="list-style-type: none"> • The Institute of Engineering (India), [IEI] • Indian Society for Telecommunication Engineers [ISTE]
SEEMA RANI	<ol style="list-style-type: none"> 1. Life Member of Indian Red Cross Society 2. Membership of International Association of Engineers (IAENG) 3. Life Membership of Indian Society for Technical Education (ISTE) 4. Member of Internet Society 5. Membership of international Computer Science & Engineering Society (ICSSES) 6. Membership of Science and Engineering Institute (SCIEI) 7. Membership of IFERP
AnupmaSangwan	IAENG

ii) Member of Expert Committees:

Prof. Dharminder Kumar	NIELIT, NBA, NBA-NIRF, DCRUST, YMCA UST, UOU, BOG-HSTES.
Prof. Saroj	<ul style="list-style-type: none"> • Member of DRC, BOS and Faculty of Engineering • Member of state executive committee
Prof Pradeep Kumar Bhatia	<ul style="list-style-type: none"> • J C Bose University Science and Technology, Faridabad
Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> • Appointed as Expert (5259) for the Accreditation of A/B/C/O Level Courses by National Institute of Electronic and Information Technology, Delhi. (An Autonomous body of Department of Electronics and Information Technology, Ministry of Communications & Information Technology), Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi-110003. • Appointed as Proctor for the conduct of Student Learning Assessment (SLA) TEQIP-III (No. TEQIP/GJUST/2019/2089-90 dated 05.03.2019). • Expert Member in Inspection committee for inspection of study Centre of Distance Education, GJUST, Hisar, (No.DE-3/2018/82 dt. 29.10.2018). • Member, Board of Studies & Research in Computer Science & Engineering, Member Departmental Research Committee (DRC). • Member, Screening Committee, for Verification of API Score and Screening of the Application for the grant of Higher Grade under CAS, Department of CSE, GJUST, Hisar.
Dr. Jaswinder Singh	<ul style="list-style-type: none"> • Member of Board of Studies and Research of CSE Department, GJUST, Hisar
Dr. Amandeep	<ul style="list-style-type: none"> • Member of Board of Studies and Research of CSE Department, GJUST, Hisar
Dr. Krishan Kumar Ranga	<ul style="list-style-type: none"> • Training Placement Coordinator of CSE Department, GJUST, Hisar

Dr. SEEMA RANI	<ul style="list-style-type: none"> • Member of Committee for Framing Course objectives for BCA Programme.
Dr. Sunil Kumar	<ul style="list-style-type: none"> • IQAC Coordinator In CSE

iii) Member of Academic Bodies of other institutions:

Prof. Dharminder Kumar	<ul style="list-style-type: none"> • AICTE for Faculty of Engineering, MRU, Faridabad • AICTE for Govt. Polytechnic, Ambala City • Member, RDC, DAVV, Indore • Member, AAA Committee, Department of ICT, CBLU, Bhiwani. • Member, UGBOS, CBLU, Bhiwani. • Member, IQAC, CBLU, Bhiwani. • Member, IQAC, Sharda University, G. Noida. • Member, DRC, Chitkara University, Pb. • Member, Governing Body, Bharati Vidyapeeth's College of Engineering, New Delhi. • Editor-in-Chief, International Journal of Artificial Intelligence and Knowledge Discovery.
Prof. Pradeep Kr. Bhatia	<ul style="list-style-type: none"> • UGBOS, J C Bose University Science and Technology, Faridabad
Prof. Rishi Pal Singh	<ul style="list-style-type: none"> • Member of Academic Bodies of various other Institutions: <ul style="list-style-type: none"> ▪ MDU, Rohtak ▪ Indira Gandhi University, Meerpur, Rewari
Prof. Dharmender Kumar	<ul style="list-style-type: none"> • Member, Academic Council, Uttarakhand Open University, Haldwani. • Member, Faculty of Engineering and Technology, MDU Rohtak. • Member, Faculty of Engineering and Technology, MMU, Mullana. • Member, BOS in Engineering & Technology, MDU Rohtak. • Member, UGBOS, CS, CDLU, Sirsa. • Member, BOS, SRM University, Sonapat. • Member, DRC, BPSM Vishwavidyalaya, Khanpur Kalan, Sonapat.
Prof. Om Parkash Sangwan	<ul style="list-style-type: none"> • Member, IACSIT (International Association of Computer Science and Information Technology, USA (Membership No. 80331424) • Life Member, Computer Society of India, India. (Membership No. 01083699) • Member, Computer Science Teacher Association, New York, USA (Membership No. 4711935) • Member, International Association of Engineers (IAENG), Hong Kong (Membership No. 123697) • Reviewer, Internal Journal of Expert Systems with Applications or its Open Access Mirror, Elsevier. • Reviewer, Advances in Science, Technology and Engineering Systems Journal (ASTES), UK and United States. • Reviewer, Journal of King Saud University - Computer and Information Sciences, Elsevier. • Reviewer, Computer Methods and Programs in Biomedicine, Elsevier.

	<ul style="list-style-type: none"> Reviewer, SN Applied Science (SNAS), Springer Nature.
Dr. Ritu Makani	<ul style="list-style-type: none"> Member BOSR
Dr. Amandeep	<ul style="list-style-type: none"> Department Research Committee
Dr. Deepak Nandal	<ul style="list-style-type: none"> Department Research Committee
Dr. SEEMA RANI	<ol style="list-style-type: none"> Nodal Officer: E-Office Office In charge: Scholarship Office In charge: Attendance Chairperson of SCST Office In charge: Time Table Member: Internal Complaint Committee Advisory Member: NSS Member: Training Placement Cell Member: Discipline Committee Member: Entrepreneurship Development Programming Cell Member: Cultural Core Committee Member: Anti-ragging SQAD Member: Establishment of Centre of Excellence for Artificial Intelligence Member: Industry Interaction Cell Member: Awareness Campaign regarding admission in engineering courses Deputy Superintendent: CDLSIET, Panniwala Mota, Sirsa for conducting Theory Exams. Paper Setter/Paper Checker: Different Universities & colleges

(XIV) Detail of Consultancy Project/Work in Department: NIL

Name of Faculty	Title of the project /work	Name of Agency	Total Amount

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates	Faculty Name
Expert Talk	Importance of e-Contents In Higher Education	Guru Jambheshwar University of Science & Technology, Hisar, Haryana	07.08.2023	Prof. O.P.Sangwan
Expert Talk	Data Analytics Using Soft Computing Techniques	Dept. of ICT & Dept. of Mathematics Chaudhary Bansi Lal University, Bhiwani	13.10.2023	Prof. O.P.Sangwan

Expert Talk	Big Data Analytics and Its Scope	Dept. of ICT & Dept. of Mathematics Chaudhary Bansi Lal University, Bhiwani	24.04.2024	Prof. O.P.Sangwan
Expert Talk	Use of AI to Make India a Developed Country	Faculty of Engineering, Baba Mast Nath University, Rohtak, Haryana	28.05.2024	Prof. O.P.Sangwan

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From	Duration To
1.	Prof. Yogesh Chaba	Dean Students' Welfare	July, 2023	Till Date
2.	Prof. O.P. Sangwan	Chairperson, Deptt. of CSE	July 10, 2023	Till Date
3.	Prof. O.P. Sangwan	Chief Warden, Boys Hostels	April 2023	Till Date
4.	Prof. Sanjeev Kumar	Networking Incharge	October 2023	Till Date
5.	Dr. Manoj	Warden, Boys Hostel- IV	April 2023	Till Date

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	Referred to Training and Placement Cell.	
Placement		
Activity	No. of Students	No. of Companies *
Training	Referred to Training and Placement Cell.	
Placement		

- **Note:-** Please attach a list of companies alongwith number of students for training and placement with dates, etc..

**(XVIII) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year:**

i Seminar/Conference/Refreshers course/Workshop/Training Programme

Sr. No.	Name of Activity	Activity Topic	National/ International	Number of participants	Date of Activity
1.	Short Term Training Programme (STTP)	Python Programming & Data Analytics	National	75	26-08-2023 to 11-09-2023
2.	Workshop	Cyber security & cyber Crime	National	100	21-11-2023
3.	Workshop	Essential Documents formatting Skills	National	50	26-11-2023
4.	Hackathon (Internal)	#SIH2023	National	150	22-09-2023
5.	Hackathon (India Level)	Smart India Hackathon	National	240	19-12-2023 to 20-12-2023
6.	Faculty Development Programme	Emerging Trends in Computational Intelligence	National	200	15-01-2024 to 20-01-2024

ii. Extension lecture: Nil

iii. Students Tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Manali, H.P.	55	6 October to 10 October	Dr. Manoj/ Mr. Ayush Sharma

iv. Industry interaction Programmes : Nil

(XIX) Awards/ Honours received by Faculty : Nil

(XX) Any other important Information/ Achievement of the Department:

- Dept has applied for the new Integrated BCA-MCA 5 Year as per NEP-2020 with effect from the academic session 2024-2025.
- Dept has applied for the increase in Intake of B.Tech (CSE) AI & ML from 60 to 120 seats with effect from academic session 2024-25

Department of Computer Science & Engineering

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
02 Books 09 Book Chapter	02 Books 09 Book Chapter	--	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
33	--	33	-
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
21	21	--	--
Total number of funded research projects	Completed	Ongoing	-
--	--	--	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	
27	02	15	

DEPARTMENT OF ECONOMICS

(I) NAME : Department of Economics

(II) Year of Establishment : 2018

(III) (a) State the vision of the Department: To be a respected center of Excellence in teaching and research of Economic Issues.

(b) State the mission of the Department: To provide enabling environment of teaching and Research to the students of Economics at Under Graduate and Post Graduate Level.

(c) State the objective of the Department: (As resolved by Staff Council)

1. To equip the students with skill set of understanding the economic phenomenon with critical thinking and providing the solutions thereof.
2. To generate the human capital as per the needs of dynamic economic environment.
3. To provide a free environment conducive to interaction inside or outside the class rooms without any hesitation or hierarchical considerations.
4. To promote the multidisciplinary approach for understanding the economic, political and social issues of the country.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	30	19
P.G	45 (40+5 supernumerary seats)	38
U.G	55 (50+5 supernumerary seats)	48
Any other	-	-

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks, if any
Professor	02	00	01	
Associate Professor	04	01	00	
Assistant Professor	08	04	--	

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Assistant	01	--
Clerk	01	01
Peon	01	01

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
Integrated B.Sc./ B.Sc. (Hons./ Hons. with Research) -M.Sc. Economics	55 (50+5 supernumerary seats)	53	-
M.sc Economics	(40+5 supernumerary seats)	41	38

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes: N.A.

(c) Detail of Foreign Students, if any, admitted in the Department: N.A.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor):

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
19	----	Nil	Nil

Sr. No.	Name	Supervisor name	Registration Number
1	Ms. Aakanksha	Prof. N. K. Bishnoi	200180090101
2	Ms. Sushma Nain	Dr. Kiran Devi	200180090103
3	Ms. Komal Sharma	Dr. Kiran Devi	200180090104
4	Ms. Manisha Devi	Dr. Lalit Sharma	200180090105
5	Mr. Sumit Kumar	Dr. Manoj Kumar	200180090106
6	Ms. Poonam Devi	Dr. Somnath	210180090102
7	Ms. Ruby	Dr. Lalit Sharma	210180090103
8	Ms. Sonu	Dr. Manoj Kumar	210180090104
9	Mr. Abhishek Sharma	Dr. Manoj Kumar	200180090107
10	Ms. Deepti	Dr. Somnath	Course Work
11	Mr. Rambhul	Dr. Kiran Devi	Course Work
12	Mr. Yogesh Sharma	Dr. Somnath	Course Work
13	Mr. Anil	Dr. Kiran Devi	Course Work
14	Mr. Anil	Dr. Lalit Sharma	Course Work
15	Ms. Dimpal	Dr. Ashwani	Course Work
16	Ms. Sunita Devi	NIL	Course Work
17	Ms. Chetna Malik	NIL	Course Work
18	Mr. Amit Kumar	NIL	Course Work
19	Ms. Gargi Boora	Prof. N. K. Bishnoi	

(IX) Sponsored Research/ Consultancy**Projects: (a.)**

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
Nil	03	03

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Stand Up India program: Performance Assessment of Beneficiaries in Haryana and Delhi	Prof. N K Bishnoi	Completed	Research	March, 2024
An Analysis of Economic Efficiency of HARCO Bank in relation to State Cooperatives banks of Indian States	Dr. Som Nath Dr. Lalit Sharma	Completed	Research	May, 2024
A Study of Health of Pregnant Women in Rural Haryana	Dr. Kiran Devi	Completed	Research	May, 2024
	TOTAL	03	03	

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
	08	03	11	-	-

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc.**

Authors	Title	Year of publication	Type of books(Text/Reference/ Report)	Publishers
Dr. Manoj Kumar	“Understanding the Need of Block Chain Technology and Artificial Intelligence, and Transformation of Financial Services : A Conceptual Framework	May, 2024	Reference	Springer

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Dr. Som Nath	2024	ECONOMICS AND MARKETING OF SELECTED SPICES AND TRADITIONAL CROPS: INSIGHTS INTO FARMERS FROM HARYANA, INDIA	Institute of Agricultural and Food Economics National Research Institute	PUBLISHER/WYDAWCA: Instytut Ekonomiki Rolnictwa i Gospodarki Żywnościowej Państwowy Instytut Badawczy / Journal of Agriculture Problems, Poland	379(2) 2024, 73–100	73-100	SCI	0.9
Dr. Kiran Devi	June 2024	“VISUALIZATION OF INTER-STATE VARIATION IN MALNUTRITION: UNDER 5 YEARS CHILDREN”	Journal of Oriental Institute	The Maharaja Sayajirao University of Baroda	Volume 73, Issue 02	233-249	UGC CARE Group 1	
Dr. Kiran Devi	June 2024	“STATUS OF ANTENATAL CARE (ANC) SERVICES UTILIZATION IN HARYANA”	Journal of Oriental Institute	The Maharaja Sayajirao University of Baroda	Volume 73, Issue 02,	250-268	UGC CARE Group 1	
Dr. Kiran Devi	September 2023,	A Comparative Study of Women And Child Health: Among States Of India,	International Journal of Novel Research and Development (IJNRD),	IJNRD	Volume 8, Issue 9	c500-c508.	Peer-reviewed, and Refereed Journals	8.76
Prof. N. K Bishnoi	September, 2024	“Education Income Interrelationship and Trends in Haryana”	Economic and Political Weekly,	EPW	VOL. LIX No.-37,	60-67	Yes	
Prof. N. K Bishnoi	April, 2024	“Haryana Labour Landscape: Deciphering Employment Challenges through Periodic Surveys”	Social Dissertation,	Wydawnictwo Państwowej Szkoły Wyższej im. Papieża Jana Pawła II w Białej Podlaskiej	Volume 18	208-225	Yes	
Prof. N. K Bishnoi	May, 2024	“Educations and Earnings: Examining the returns across regular, casual, self-employed labour markets	SN Business & Economics,	Springer	vol. 4, issue 6, 1-21	1-21	Yes	
Prof. N. K Bishnoi	December, 2023	“Structural Changes and Economic Growth: An analysis of 14 Major Indian States”	The Journal Institute of Public Enterprises,	IPE	Vol. 46 No. 2	---	UGC Care Listed	
Prof. N. K Bishnoi	September, 2023	“Characterizing Economic Activity in Near Real-time Using High Frequency Indicators in Haryana”	Economic and Political Weekly,	EPW	Vol. 58, Issue no. 37, Sep 2023	---	Yes	

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	-	-	-	-	-	-
Associate Professor	-	-	-	-	-	-
Assistant Professor	08	-	08	10	06	16

(b) International Conferences/ Seminars/ Workshops:

N ame of the Faculty	Title of Paper presented	Theme of Conference/ Seminar/ workshop	Name of Host Organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICT E/Univ./ etc.
Prof. N.K. Bishnoi	“Developed India@2047: A State Level Analysis”	106 th Annual Conference of Indian Economic Association	Organized by School of Open Learning, University of Delhi.	School of Open Learning, University of Delhi	December 21-23, 2023	Indian Economic Association
Dr. Manoj Kumar	“Domestic Investment and Foreign Direct Investment are complements or substitutes in the Growth Process”	International Conference on Applied Economics and Finance	Organized by Department of Economics & Finance, BITS, Pilani, Pilani Campus, Held on November 3 rd -4 th , 2023.	BITS, Pilani, Pilani Campus,	November 3 rd -4 th , 2023.	BITS, Pilani
Dr.Kiran Devi	“Prevalence of Anemia Among Women & Children in Districts of Haryana: based on NFHS-5”	106th Annual conference of Indian Economic Association	School of Open Learning, University of Delhi	School of Open Learning, University of Delhi	From 21st to 23rd December, 2023	Indian Economic Association
Dr.Kiran Devi	“Women Entrepreneurship in India- Challenges and Opportunities”	Two-day International Workshop- Cum- conference on “Women, Social Innovation and Entrepreneurship: Possible Lessons from India and South Africa”	Central University of Punjab, Bathinda	Bathinda (Punjab)	27-28 September, 2023	ICSSR

Dr.Kiran Devi	“Burden of Diseases on the Health of Women of Haryana: Based on NFHS 4 & 5”	One Day Online International Conference on Human Rights Contemporary World: Prospects and Challenges	National Law University, Raipur	Raipur	December 10, 2023	Hidayatullah National Law University, Raipur
Dr. Somnath	The Status of Child Nutrition: A Case study of Indian States	106th Annual conference of Indian Economic Association	School of Open Learning, University of Delhi	School of Open Learning, University of Delhi	From 21st to 23rd December, 2023	Indian Economic Association

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host Organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Dr. Somnath	Performance of Industrial Sector: A Case study of North-Western region of India	Contemporary Economic Issues of North-Western India	Punjab University Chandigarh	Chandigarh	19-20 Feb 2024	ICSSR
Dr. Kiran Devi	Prevalence of Anemia Among Women & Children in Districts of Haryana: based on NFHS-5	Multi-dimensional Poverty and India: Food, Nutrition and Health, Educational Attainments (Skill) and Living Standard	School of Open Learning	University of Delhi	21-23 December, 2023	Indian Economic Association

(d) Regional/ State Level Conferences/ Seminars/ Workshops:Nil

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host Organisation /University	Dept./ HRDC	Place	Dates/ Duration
Dr. Kiran Devi	“Refresher Course “conducted by UGC-HRDC, Himachal Pradesh University, Shimla,	UGC-HRDC, Himachal Pradesh University, Shimla,	UGC-HRDC, Himachal Pradesh University, Shimla,	Himachal Pradesh University, Shimla	07-08-2023 to 19-08-2023
Dr. Kiran Devi	Faculty Development Program on EXPLORING DYNAMICS OF NATIONAL EDUCATION POLICY 2020 (WITH REFERENCE TO NAAC PERSPECTIVES)	Research Foundation of India & RFI Care	Research Foundation of India & RFI Care	Online	18-03-2024 to 26-03-2024
Dr. Lalit Sharma	“Refresher Course “conducted by UGC-HRDC, Himachal Pradesh University, Shimla,	UGC-HRDC, Himachal Pradesh University, Shimla,	UGC-HRDC, Himachal Pradesh University, Shimla,	Himachal Pradesh University, Shimla	07-08-2023 to 19-08-2023
Dr. Manoj Kumar	Refresher Course in Economics & Econometrics,	UGC-HRDC University of Madras,	UGC-HRDC University of Madras,	University of Madras	23-11-2023 to 06-12-2023.
Dr. Lalit Sharma	UGC Sponsored 08 days Online “NEP Orientation & Sensitization Programme-IV	MMTTP, GJUS&T, Hisar	MMTTP, GJUS&T, Hisar	GJUS&T, Hisar	11-03-2024 to 20-03-2024

(f) National/International Webinars Attended: Nil

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i) **Refresher Course :03**
- ii) **Orientation Course :02**
- iii) **Webinar :01**
- iv) **Total :06**

(XIII) Association with National and State Level

Bodies (Give Faculty-wise details):

- i) **Membership of Professional Bodies: Member of Expert Committees:**
- ii) **Member of Academic Bodies of other institutions: Prof N. K. Bishnoi, Joint Secretary of Indian Economic Association, Member of E-Grow Society, Member of Pathways to Sustainability, Dr. Som Nath: Life time membership of Haryana Economic Association**
- iii) **Any Other**

(XIV) Detail of Consultancy Project/ Work in Department: NIL

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail)**

Type	Topic/ Subject	Institution	Dates
Invited talk Prof. N. K. Bishnoi	“SDG and Development Challenges for Haryana”	organized by the Arya PG College , Panipat	March 14, 2024
Extension lectures			
Dr. Lalit Sharma	Status of Women in Haryana	Department of Economics, Kurukshetra University, Kurukshetra	05.12.2023
Dr. Lalit Sharma	Job Opportunities in the field of Economics	Government College for Girls, Ugalan (Hisar)- 125038	03.02.2024
Dr. Lalit Sharma	An Introduction to Statistical Techniques in Commerce	Department of Commerce, PanditNeki Ram Sharma Government College, Rohtak-124001	09.03.2024
Dr. Lalit Sharma	Status of Women in Haryana	G. B. D. College, Rohtak-124001	22.03.2024

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Prof. N. K.Bishnoi	Joint Secretary of Indian Economic Association	Life Time
2.	Dr. Somnath	IQAC Work, RTI Coordinator, Admission Committee Member	During the academic session
3.	Dr. Lalit Sharma	Programme officer, NSS, Time Table In charge, NEP Syllabus Coordinator (DOE), Admission Committee Member, Anti-Ragging Coordinator, B.Sc Class incharge,	During the academic session
4.	Dr. Manoj Kumar	Sports coordinator of the Department, Member of Academic Council, Admission Committee Member	During the academic session
5.	Dr. Kiran Devi	Training& Placement Coordinator (Department), Admission Committee Member	During the academic session

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Internship	77	
Placement	03	03(TCS, Noida)

- **Internship:** All Students of B.sc (Hons) Economics 5thSem and M.sc Economics 3rd Sem)
- **Note:** - Please attach a list of companies alongwith number of students for training and placement with dates, etc.

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i) Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of participants	Dates/ Duration
One Day Investment Awareness Program- Leverage the Opportunity	National	200	10th October, 2024
“Viksit Haryana@2034”	National Seminar	185	July 18, 2024

ii. Extension lecture: Nil

iii. Students tour: Nil

iv. Industry interaction programmes: Nil

(XIX) Awards/ Honours received by Faculty: Nil

(XX) Any other important Information/ Achievement of the Department:

DEPARTMENT OF ECONOMICS

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
11	07	04	--
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
01 (Selected in UGC care)	-----	-----	
Total number of funded research projects	Completed	Ongoing	-
03	03	0	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
09 (Registered)	-----	-----	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

Department is pursuing its own goals in future to enhance the academic and research environment which is abide with the vision of the University. In ongoing session number of project has been approved to the faculty of department. And faculty is also trying to get more projects from different funding agencies. Recent NEP is going in phases. Department is also going to pave the path of completion of structure of schemes.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

(I) **NAME** : **Electrical & Electronics Engineering**

(II) **Year of Establishment** : 2001

(III) (a) **Vision:** To establish the department as a hub with the state of the art facilities to promote quality education, training, research and outreach activities in the field of Electronics & Communication Engineering and other related areas.

(b) **Mission:**

1. To produce quality students with passion for knowledge and creativity in the field of Electronics & Communication engineering.
2. To train the students community through continuously evolving education, training and research in order to achieve holistic development with conviction for social and technical ethics.
3. To facilitate and promote job oriented education in the emerging areas of Electronics & Communication Engineering.

(c) **Objective of Department (As resolved by staff council):** To produce talented students who will fulfill the need of society according to the latest requirement of industry.

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	NA	16
P.G	20	07
U.G(ECE)	60+10% LEET Students in every year	291
U.G(EE)	60+10% LEET Students in every year	292
Any other	-	-

(V) Faculty details

(Attach a list of the Faculty along with their qualifications, teaching and research experiences, and any specific achievements (if any))

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	2+1(Ee)	Nil	03	---
Associate Professor	6+2(Ee)	1	03	---
Assistant Professor	12+4(Ee)	11	---	---

Regular Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Prof. Sandeep Arya	Professor	PhD	31	23
Prof. Sanjeev Kumar Dhull	Professor	PhD	27	22
Prof. Deepak Kedia	Professor	PhD	22	21
Mrs. Suman Dahiya	Associate Professor	PhD Pursuing,	19	13
Dr. Priti Prabhakar	Associate Professor	PhD	19	14

Dr. Ramnish	Associate Professor	PhD	19	14
Dr. Kuldeep Singh	Assistant Professor	PhD	15	11
Mr. Ajay Kumar	Assistant Professor	PhD (Pursuing), MTech	17	7
Dr. Priyanka Dalal	Assistant Professor	PhD	11	5
Dr. Ritu Boora	Assistant Professor	PhD	11	5
Dr. Vinod Kumar	Assistant Professor	PhD	12	7
Dr. Vijay Pal Singh	Assistant Professor	PhD	20	15
Dr. Abhimanyu	Assistant Professor	PhD	11	6
Dr. Manisha Jangra	Assistant Professor	PhD	10	5
Dr. Sardul Singh	Assistant Professor	PhD	11	8
Ms. Vinita	Assistant Professor	PhD Pursuing, MTech.	11	6

Contract/ Guest Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Dr. Anuj Singal	Assistant Professor	Ph.D	13	--
Ms. Twinkle	Assistant Professor	MTech.	13	--
Dr. Deepak Garg	Assistant Professor	MTech.	13	--
Mr. Aditya	Assistant Professor	MTech.	12	--
Mr. Mohan Resigned on 16-07-2024(AN)	Assistant Professor	MTech.	11	--
Ms. Manisha Saini	Assistant Professor	MTech.	11	--

For EE Course

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Mr. Krishan Kumar	Assistant Professor	MTech.	10	--
Ms. Nisha	Assistant Professor	MTech.	5	--
Dr. Charanjeet	Assistant Professor	PhD	17	--
Dr. Rajender	Assistant Professor	PhD	10	--
Mr. Kalyan	Assistant Professor	MTech.	5	--
Ms. Richa	Assistant Professor	MTech.	5	--
Ms. Anita	Assistant Professor	MTech.	5	--

(VI) Office staff details

Designation	Available
Clerk	2
Steno	-
Peon	2
Technician Grade-1	1
Lab Attendant	04
Lab Technician	05

(VII) a. Students detail in respect of M.Sc., M.Tech.,M.Pharm.,M.Ph.Th., M.Com. MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year (2023-24)	Students in Final Year (2023-24)
MTech. ECE	20	7	6

b. Students' detail in respect of MCA Programme **Not Applicable**

c. Students' detail in respect of B.Tech, Programme (2023-24)

1 st Year		2 nd Year		3 rd Year	4 th Year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students in Second year	Students in third year	Students in fourth year
60+10% LEET Students+KM+TFW	70	7	72	71	71

d) Detail of Foreign Students if any, admitted in the Department **NIL**

(VIII) Research Scholars (2023-24)

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
As per the availability of seats	16	01(Pre-PhD.)	Nil	TEQIP-III, URF, AICTE Doctoral Fellowship (ADF), UGC NFOBC JRF, JRF/SRF

(IX) Sponsored Research/ Consultancy Projects

Title of the Project	Name of the Investigator (S)	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
IOT based smart monitoring system for swimming pool	Dr. Ritu Boora & Dr. Manisha	Completed	2023-24	2023-24	Research
To study the combination of TDAPA for polymer for easy solution processed fabrication of devices for	Dr. Sardul Singh	Completed	2023-24	2023-24	Research

OLED applications					
To study the green synthesis of silver nanoparticles for sensing applications	Dr. Vinita	Completed	2023-24	2023-24	Research

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
	Nil	Refereed	Non refereed	Refereed	Non refereed
		1	--	--	---

(XI) Faculty wise detail of publication during the period

f) Books/Book Chapters/ Monographetc.

S. No	Title with name of authors as appearing in the publication	Journal, Vol, Year, page nos	Whether indexed / refereed / Non refereed or conference proceedings	ISSN/ ISBN No, if any
1	Anshul Sheoran, Ritu Boora & Manisha Jangra	Machine learning models for human activity recognition: A comparative study	2023	lecture notes in networks and systems

g) Papers/ Articles in Journals, **Total=17**

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences/Workshops/Refresher/FDP, etc. attended by faculty and papers presented

Positions	FDP/Seminar/Workshop/Refresher Course Attended			Papers presented		
	International	National	Total	International	National	Total
Professor/ Associate Professor/ Assistant Professor	List Attached					

(b) International Conferences/ Seminars/ Workshops/Webinars: List Attached

(c) National/International Conferences/ Seminars/ Workshops:

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Prof. Sandeep K Arya	Wireless Communication Systems: 5G and Beyond	Conference	MANIT Bhopal	Bhopal	May 8th to 12th, 2024.
Priyanka Dalal	A compact and wideband antenna for millimeter wave applications Design and optimization of non-woven polyester made U shaped flexible patch antenna for early detection of thyroid cancer Towards multi-sensing aspects: Robust passive chipless RFID sensor tag	3rd IEEE International conference on Wireless, Antenna, and Microwaves (WAMS) 2024	Raghu Engineering College,	Vishakhapatnam	29 th Feb-3 rd March, 2024

(a) Regional/ State Level Conferences/ Seminars/ Workshop **NIL**

(b) Refresher Courses list attached

(c) National/International Webinars Attended **Nil**

(d) Total number of Refresher/ Oriented Courses attended:

i)	Refresher Courses	:	06
ii)	Orientation Courses	:	NIL
iii)	FDPs/Webinars/Workshops	:	11
iv)	Total	:	17

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

1. Prof. Sandeep K. Arya

i) Member of Academic Bodies of other institutions: **Dean FET and Member Academic Council, BOS ECE**

2. Prof. Sanjeev Dhull

i) Membership of Professional Bodies: **ISTE**

ii) Member of Expert Committee: **Member BOS ECE Nov. 2015 onwards**

3. Dr. Deepak Kedia

i) Member BOS (EEE), GJUS&T, Hisar.
ii) Lab Incharge of Research Lab of ECE dept.

4. Dr. Ramnish :

- i) BOS Member since 2021
- ii) Member of Institution of Electronics & Telecommunication Engineers (M-201868).
- iii) Life member of India Society of Technical Education (LM – 51453)
- iv) Life member of Semi Conductor Society of India, New Delhi (200804579).

5. Dr. Priyanka Dalal

- i) Life Time Membership of ISTE (LM- 97384)
- ii) IEEE Membership (95656570)
- iii) IEEE Antennas and Propagation Society (APS) Member
- iv) IEEE Microwave Theory and Techniques (MTTS) Society Member

6. Mrs. Suman Dahiya: Chairperson ECE, Member BOS

7. Dr. Vijay Pal Singh Membership of Professional Bodies: Life membership of The Indian Society for Technical Education

8. Dr. Ritu

Membership of Professional Bodies: **Life membership of The Indian Society for Technical Education**

9. Dr. Kuldeep Singh

- i) Member of **BOS EEE** and Academic Body of other Department

10. Dr. Vinod Kumar :Membership of Professional Bodies: **ISTE, LM-97383**

11. Dr. Abhimanyu: Member of **BOS EEE**

(XIV) Detail of Consultancy Project/Work in Department **NIL**

(XV) Lectures (other than class) delivered (Give teacher wise detail)

Type	Topic/ Subject	Institution	Dates
Delivered an Expert Lecture by Prof. Deepak Kedia	<i>Advances in Wireless Communication</i>	on January 10, 2024 during AICTE sponsored 1- week FDP on “Recent Trends and Issues in VLSI and Communication Engineering at Dept. of ECE at Ganga Institute of Technology and Management, Jhajjar	January 8 to January 13; 2024
Invited talk delivered in refresher courses	Priyanka Dalal: Internet of things	In the bootcamp on Drone Technology and Applications under the “Capacity Building for Human Resource Development in Drone and Related Technology” project held at GJUS&T Hisar	5th Feb, 2024 to 9th Feb, 2024
Expert Lecture in FDP by Dr. Ritu Bora	Scikit-learn/ Python Programming & Data Analytics	Deptt of CSE, GJUST	During 26/08/2024 – 10/09/2023
Expert Lecture in FDP by Dr. Ritu Bora	Deep Learning Model for Biomedical Signal (Hands-on Session)/ Recent Trends in Deep Learning & Large Language Models	E& ICT Academy IIT Roorkee and Delhi Technical Campus, Greater Noida.	11.10.2023
Expert Lecture in FDP by Dr. Ritu Bora	Deep Learning Model for Biomedical Signal/ Navigating the Future:	E& ICT Academy IIT Roorkee and Delhi	22.05.2024

	Practical Applications in Machine Learning	Technical Campus, Greater Noida.	
Expert Lecture in FDP by Dr. Manisha Jangra	Scikit-learn/ Python Programming & Data Analytics	Deptt of CSE, GJUST	During 26/08/2024 – 10/09/2023
Expert Lecture in FDP by Dr. Manisha Jangra	Deep Learning Model for Biomedical Signal (Hands-on Session)/ Recent Trends in Deep Learning & Large Language Models	E& ICT Academy IIT Roorkee and Delhi Technical Campus, Greater Noida.	11.10.2023
Expert Lecture in FDP by Dr. Manisha Jangra	Deep Learning Model for Biomedical Signal/ Navigating the Future: Practical Applications in Machine Learning	E& ICT Academy IIT Roorkee and Delhi Technical Campus, Greater Noida.	22.05.2024

(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Dr. Sandeep K. Arya	Dean, Faculty of Engineering & Technology Coordinator, Digital Learning and Monitoring Cell(DLMC) UGC Member of two autonomous colleges in south india	2023-24 2019 to till date 2023-24
2	Dr. Sanjeev Kumar Dhull	Lab Incharge, Signal Processing Lab	2018 to till date
3	Dr. Deepak Kedia	Lab Incharge of Research Lab of EEE dept.	2013 to till date
4	Ms. Suman Dahiya	Chairperson, EEE	2022 onwards
5	Dr. Ramnish Kumar	Member, BOS&R, GJUS&T, Hisar	2023-24
6	Dr. Priyanka Dalal	Lab incharge: Antenna and Microwave Lab Class Incharge M.Tech 2022 batch.	2023-24
7	Dr. Abhimanyu	Tech Guru in AICTE IDEA Lab	2023 2024
8	Dr. Kuldeep Singh	VLSI Design Lab In-Charge (ECE Deptt)	2023-24
9	Dr. Manisha Jangra	Departmental Sessional Coordinator , Departmental Practical Examination Coordinator , Departmental Cultural Coordinator , Coordinator of Departmental Sports Meet-2023	2023-24
10	Dr. Sardul Singh Dhayal	Sessional Incharge, Alumni Coordinator of Deptt BTech 1 st year Class Coordinator	
12	Dr. Vijay Pal Singh	Dy. Coordinator for AICTE Activities of Universities	2017 to till date
		Coordinator Unnat Bharat Abhiyan	Sep 18, till date
		Program officer NSS	2017, till date
		Hostel Warden	2023-24
		BTech 3rd Year Class Coordinator (2018 Batch)	
		Project Coordinator BTech ECE	

13	Dr. Vinod Kumar	SWAYAM Coordinator of ECE Department	2023-24
		Lab Incharge Communication Lab, Coordinator of Departmental Sports Meet-2023	
14.	Dr. Ritu Boora	Coordinator various Department level activities, Coordinator of Departmental Sports Meet-2023, Departmental Student class coordinator, Coordinated IOT and its applications summer training for students.	2023-24
15	Mr. Ajay Kumar	Lab Incharge, Analog Electronics Lab	2016 to till date
16	Ms. Vinita	NSS Program Officer	June 2023 till now
		Deputy Chief Warden	June 2023 till now
		Coordinator GH4	July 2021 till now

(XVII) Training/Internship& Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:

i. Seminar /Conference/Refreshers course/Workshop/Training Programme

Sr. No.	Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
1	Prof. Deepak Kedia (Member, Advisory Committee), “Workshop on Advanced Analytical Techniques”, Organized by Dr. APJ Abdul Kalam Central Instrumentation Lab, GJUS&T, Hisar.	National		3 days	March 13 - 15, 2024
2	One month skill development summer internship program IOT and Its Applications ” during 25th June-26th July, 2024	National	18	One month	25-06 -2024 to 26-07.2024
3	One month skill development summer internship in VLSI Design Digital System Design, Synthesis and Verification with Verilog HDL	National	42	One month	26.06.2023 to 25.07.2023

ii. Extension lecture: (with resource person & date)**NIL**

iii. Students tour: **NIL**

iv. Industry interaction programs: (with name of company & date): Through T&P Cell.

v. Any other

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment) **NIL**

(XX) Any other important Information/ Achievement of the Department

Summmary of Research Publications :

- (I)** TOTAL NO. OF RESEARCH PAPERS PUBLISHED:
INTERNATIONAL: **17**
- (II)** TOTAL NO. OF FUNDED RESEARCH PROJECTS:
COMPLETED: **Nil**
ON GOING: **Nil**
- (III)** TOTAL NO. OF PARTICIPATED, PRESENTED AND CONTRIBUTED RESEARCH PAPERS
INTERNATIONAL LEVEL: **17**
Conferences: 2
- (IV)** TOTAL NO. OF BOOKS (CHAPTER) PUBLISHED:**NIL**
- (V)** NUMBER OF SCHOLARS COMPLETED THEIR PH.D. DEGREE: **05**
- (VI)** TOTAL NUMBER OF SCHOLARS REGISTERED TO PH.D. PROGRAMME:
01(Pre-PhD.)

Publication Details of ECE Faculty (2023-24)

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Quantum and classical simulation of core shell based junctionless field effect transistor with digital application	Vanita Mehta, Sandeep Kumar Arya and Rajiv Sharma	Engineering Research Express journal from IOP publications	Jan. 2024.	vol. 6, no. 1,	DOI : 10.1088/2631-8695/ad1f15
Performance analysis of Gate-All-Around Transistors at Various Technology Nodes	Vanita Mehta, Sandeep Kumar Arya and Rajiv Sharma,	IEEE International Conference on Integrated Circuits, Communication, and Computing Systems	8 th -9 th June. 2024.	(ICIC3S)	IIIT Una
Analysis of Silicon Germanium Core Shell Based Junctionless Gate All Around MOSFET” communicated and accepted in 2024).	Vanita Mehta, Sandeep Kumar Arya and Rajiv Sharma	First International Conference on the Innovations in Communications, Electrical and Computer Engineering	2024	ICICEC 2024	BIET Davangere, Karnataka.
Photonic generation of frequency 12-tupling millimeter wave based on three cascaded- MZMs and polarization multiplexing.	Ankita Rani, Deepak Kedia	Wiley International Journal of Communication Systems, Vol. 37, Issue-9	June-2024		(SCI indexed, I.F. 1.7).
MZM-SOA based ROF System for 30-tuple Millimeter Wave Generation	Ajay Kumar, Deepak Kedia , Shelly Singla	De-Gruyter Journal of Optical Communications	June-2024		Published online,, (Scopus Indexed).
Design and investigation of filterless six-tuple RoF upconversion system with improved sideband to carrier suppression ratio using MZM extinction ratio variance	Ajay Kumar, Deepak Kedia , Shelly Singla	De-Gruyter Journal of Optical Communications	Feb.-2024		Published online,, (Scopus Indexed).
Mathematical Analysis of 24-Tupled mm-wave Generation using Cascaded MZMs with Polarization Multiplexing for RoF transmission	Ankita Rani, Deepak Kedia	Springer Journal of Optical and Quantum Electronics, Vol. 56, 19	Feb-2024		(SCI indexed, I.F. 3.3).
Enhanced Licence plate Detection using YOLO framework in Challenging Environments	Sahil Khokhar, Deepak Kedia	Inder Science International Journal of Computational Vision & Robotics	Jan-2024		Published Online,, DOI: 10.1504/IJCVR.2024.10062468 . (Scopus Indexed).

Analysis of Modified 16-Channel WDM-RoF System upto 340 km Transmission Distance,	P Kumari, D Garg, V Kumar, S Arya	Grenze International Journal of Engineering & Technology (GIJET) 10	2023		
A systematic review of neural network-based sound source localization.	Dr. Ritu, Dr. Manisha Jangra	Presented in IIRA 3.0, (Best paper award), International Journal of Engineering Sciences & Emerging Technologies, 11 (2): 24-33,. ISSN: 22316604.	Oct. 2023		
Design and Development of a Sensor for Measuring Fat Content in Milk using Ultrasonic Technology.	Sharma, V., Singh, K., & Soni, P	International Journal of Microsystems and Iot, 2(7)	2024	1002–1009.	(SCI) -WOS
Few-Layer Si and WS2-Based Surface Plasmon Resonance Sensor for Water Salinity Concentration Detection: Theoretical Insight, Plasmonics	Kuldeep Singh, Rajeev Kumar, Prem Kumar, Vikas Nehra, R. K. Gupta & Mohammad Yusuf		19 February , 2024,		https://doi.org/10.1007/s11468-024-02209-4 (SCI)
RoFSO- Theoretical Study and Review”	Kamaldeep Kaur, Abhimanyu Nain	International Journal of Microsystems and IoT	November, 2023.	Vol. 1, Issue 6, pp. 394-401	DOI: https://doi.org/10.5281/zenodo.10389520 ,
Range augmentation of 16 × 60 GHz WDM RoFSO system in foggy & rainy weather”	Kamaldeep Kaur, Abhimanyu Nain	Journal of Optical Communications			https://doi.org/10.1515/joc-2023-0316 . December, 2023.
Performance Investigation of VCSEL based high speed Optical Networks	Abhimanyu Nain, Renuka Poonia	International Journal of Microsystems and IoT Vol. 2, Issue 2, pp. 622-631			DOI: https://doi.org/10.5281/zenodo.10816782 .
Performance Improvement of RoF & FSO based Hybrid Network using Multi Beam Transmission”	Ajay Kumar, Sanket Malik, Abhimanyu Nain	Trends in Opto-electro & Optical Communication, Volume 13, Issue 2.	November, 2023.		
An Optimal Parameterized Fractional-Order PID Controller for the Single Phase Grid Integrated with Solar and Wind System	Kalyan Singh, Sumit Saroha, Avnesh Verma, Priti Prabhakar, Krishan Kumar & Chharanjeet Madan	Cybernetics and Systems: An International Journal TAYLOR & FRANCIS INC	2023-24	54:7	

List of Workshops/STC/FDPs Attended by Faculty Members

Sr. No	Name of Faculty	Faculty Development Program/Short Term Course
1	Prof. Deepak Kedia	UGC Sponsored 8-Days online (Live Mode) “NEP Orientation & Sensitization Programme” conducted by UGC – HRDC, GJUS&T, Hisar from 13 th Dec – 21 st Dec, 2023.
2	Dr. Vinod Kumar	Attended an online NEP 2020 orientation and sensitization program from 21 Dec to 30 Dec 2023 Organised by BPSMV Khanpur Kalan Sonipat.
3	Dr. Ritu Boora	8 days Online NEP Orientation & Sensitization Programme-II organized by UGC-MMTTC, GJUST, Hisar from 15.01.2024 to 24.01.2024 8 days UHV-II workshop on “AICTE incorporating Universal Human Values in Education” at Panjab University, Chandigarh from 18.06.2024 to 25.06.2024.
4	Dr. Manisha Jangra	8 days Online NEP Orientation & Sensitization Programme-II organized by UGC-MMTTC, GJUST, Hisar from 15.01.2024 to 24.01.2024 8 days UHV-II workshop on “AICTE incorporating Universal Human Values in Education” at Panjab University, Chandigarh from 18.06.2024 to 25.06.2024.
5	Dr. Kuldeep Singh	Five-Days High-End Workshop on Advanced Techniques for Emerging Microwave, Millimeter-Wave and Terahertz Devices organised by Electronics and Communication Engineering Department, National Institute of Technology Patna, Patna - 800005, Bihar, INDIA from 14th-18th October, 2023 in online mode. Five Days FDP on VLSI to System Design –Silicon to End Application Approach, organized by AICTE, ARM, & STMicroelectronics. July 31 to 4 August 2023 Online NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC), Bhagat Phool Singh Mahila Vishwavidyalaya, Sonipat, Haryana, from 05 February 2024 to 14 February 2024.
6	Dr. Abhimanyu	Online NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Malaviya Mission Teacher Training Centre (MM-TTC), Bhagat Phool Singh Mahila Vishwavidyalaya, Sonipat, Haryana, from 05 February 2024 to 14 February 2024.
7	Dr. Priyanka Dalal	Participated in UGC sponsored 8 days online “NEP Orientation & Sensitization Programme-II” under Malaviya Mission Teacher Training Programme (MMTTC) organized by MMTTC, GJUS&T Hisar, from 15th Jan, 2024 to 24th Jan, 2024.

DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

(I) **NAME** : Dept. of English and Foreign Languages

(II) **Year of Establishment** : 2019

(a) **State the vision of the Department:**

1. Formulation and promotion of basic principles of literary, linguistic, critical and cultural studies.
2. Inculcation of skills for aesthetic appreciation of literary works along with theoretical understanding of texts through research-oriented learning.

(b) **State the mission of the Department:**

1. To enable students to comprehend application of theoretical approaches to the reading and analysis of literary and cultural texts.
2. To understand the manner in which literature becomes the reflection and manifestation of socio-cultural conditions of a society.
3. To inculcate research aptitude among learners while engaging them with representative literary and cultural texts culture texts.

(c) **State the objective of the Department:**

(As resolved by Staff Council)

(IV) **Programme (s) offered in the department**

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	--	--
P.G	50+5	41
U.G	--	--
Any other	--	--

(V) **Faculty detail**

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	--	--	--
Associate Professor	02	--	--	--
Assistant Professor	04	02	—	--

(VI) **Office/Tech. staff detail:**

Title of Position	Sanctioned strength	In position strength
Assistant	01	01
Clerk	02	01
Peon	01	01

VII)

- a) **Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes : Nil**

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes : Nil

(c) Detail of Foreign Students, if any, admitted in the Department: Nil

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor) : Nil

(IX) Sponsored Research/ Consultancy Projects: Nil

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
02	--	01	02	01	--

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/ Report)	Publishers
Dr. Astha Gupta, Assistant Prof., (Contractual faculty)	Sexiest culture of Shobha de	2023	Fiction	Astitva Publication
Dr. Astha Gupta, Assistant Prof., (Contractual faculty)	Feminism of githa Hariharan novel	2023	Fiction	Astitva Publication

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Dr. Sakshi Jain	2023	A Study on National Policy for the Empowerment of Women (2001)	SATRAC HEE	Satrachee Foundation Patna	40	70	No	5.15
Ms. Tamanna, Assistant Prof., (Contractual faculty)	2023	Matrix of Love and Crime in Vikas Swarup's: The Accidental Apprentice	IJIM	IJIM	8 & Issue II	48 to 51	No	5.8

Dr. Astha Gupta, Assistant Prof., (Contractual faculty)	2023	Parochial Anxiety of Namita Gokhale's Novel the Himalayan	Refereed, Peer Reviewed, Indexed Journal	IJURR	10 & Issue 4	4	No	6.2
Dr. Astha Gupta, Assistant Prof., (Contractual faculty)	2023	Forecast of Human crucifixion in Namita Gokhale's Paro: Dreams of Passion	Refereed, Peer Reviewed, Indexed Journal	IJIRT	9 & Issue 5	4	No	6.2

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	--	--	--	--	--	--
Associate Professor	--	--	--	--	--	--
Assistant Professor	--	--	--	2	--	2

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Dr. Sakshi Jain	Urban and Rural Women's Participation in Empowerment of Women	--	IQAC Dr. Babasaheb Ambedkar College of Arts, Commerce and Science, Brahmapuri, Maharashtra	Maharashtra	Aug. 2023	IQAC
Dr. Sakshi Jain	NEP (2020) and Appropriate Teaching Methodologies (PSTL)	--	Aligarh Muslim University	Aligarh U.P.	May. 2024	ICSSR

(c) National Conferences/ Seminars/ Workshops: Nil

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil

(e) **Refresher Courses/ Orientation Courses:**

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Sakshi Jain	NEP Orientation& Sensitization Programme-V	GJU, Hisar	MMTTC	Hisar	23-04-2024 to 02-05-2024
Dr. Jaidev Bishnoi	NEP Orientation& Sensitization Programme-V	GJU, Hisar	MMTTC	Hisar	23-04-2024 to 02-05-2024

(f) **National/International Webinars Attended**

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Dr. Sakshi Jain	Being Human, Language, Culture and Identity	SR University, Warangal	Oct. 2023

(g) **Total number of Refresher/ Orientation Course/Webinar attended:**

i)	Refresher Course	:	
ii)	Orientation Course	:	1
iii)	Webinar	:	1
iv)	Total	:	2

(XIII) **Association with National and State Level Bodies**

(Give Faculty-wise details):

- i) **Membership of Professional Bodies:**
- ii) **Member of Expert Committees:**
- iii) **Member of Academic Bodies of other institutions:**
- iv) **Any Other**

(XIV) **Detail of Consultancy Project/ Work in Department: Nil**

(XV) **Lectures (other than class) (Invited talks/Extension Lectures) delivered Give Faculty wise detail) Nil**

(XVI) **Additional Duties Performed/Positions held in the University : Nil**

(XVII) **Training /Internship/ Placement Activities information of the Department: Nil**

(XVIII) **Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:**

- i) **Seminar/Conference/Refreshers course/Workshop/Training Programme**
- ii) **Extension lecture:**

Topic	Resource Person	Number of Participants	Dates
Spelling and pronunciation interface'	Prof. Sunil Vashishta Retd. Prof. D.N. College, Hisar	90	12.10.2023

iii) **Students tour : Nil**

iv) **Industry interaction programmes: Nil**

(XIX) **Awards/ Honours received by Faculty : Nil**

(XX) **Any other important Information/ Achievement of the Department.**

DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	--
02	--	02	--
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
04	01	--	6.2
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
--	--	--	--
Total number of funded research projects	Completed	Ongoing	--
--	--	--	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	--
--	--	--	--

DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING

- (I) **Name** : Environmental Science & Engineering
- (II) **Year of Establishment** : 1994
- (III) (a) **Vision of the Department:** Pursuance for excellence to achieve Sustainable Development.
- (b) **Mission of the Department:** To impart training for capacity building, to tackle various Environmental Challenges in an Eco-friendly manner.
- (c) **State the objective of the Department:**
- i) To offer professional and job oriented Course curricula
 - ii) To strengthen R & D activities.
 - iii) To offer consultancy and extension activities to stakeholders

(IV) **Programme (s) offered in the department**

Programme	Sanctioned intake	Present students' strength
Ph.D.	12	10
P.G.		
M.Sc. (EVS)	55	21
M.Tech. (ESE)	20	8
M.Tech (GIS)	20	10
U.G	----	--
Any other	----	--

(V) **Faculty details (Attach a list of the Faculty along with their qualifications, teaching and research experiences, and any specific achievements (if any))**

	<i>Sanctioned</i>	<i>Filled</i>	Under CAS
Professor	2	----	
Associate Professor	2	-----	
Assistant Professor	8	5 +6	6 are promoted as Professor

List of the Regular Faculty along with their qualification and experience

Name of Teacher	Designation	Qualification	Experience (Years)
Dr. Parveen Sharma	Professor	M.Sc., Ph.D.	27.5
Dr. (Ms.) Asha Gupta	Professor	M.Sc., Ph.D.	25
Dr. Mukul Bishnoi	Professor	M.Sc., Ph.D	25
Dr. Rajesh Kumar	Professor	M.Tech.,Ph.D	19.5
Dr. Jitender Pal	Professor	M.Tech.,Ph.D	19.5
Dr. Anu Gupta	Assistant Professor	M.Tech.,Ph.D	12
Dr. Santosh Bhukal	Assistant Professor	M.Sc., Ph.D.	8.5
Dr. Anita Singh Kirrolia	Assistant Professor	M.Sc., Ph.D.	10
Dr. Lakhvinder Singh	Assistant Professor	M.Sc., Ph.D.	10

(VI) Office staff details

Designation	Sanctioned	Filled
Assistant-cum-DEO	1	-
Lab.Tech. Instrumentation	1	-
Store Keeper	1	1
Technical Asstt. Gr.II	1	-
Lab.Attndt	3	3
Clerk	1	1
Steno-Typist	1	1
Peon	2	2
Technical Asstt.Gr.I	1	2
Lab. Technician	2	2

(VII) a. Students detail in respect of M.Sc., M.Tech. M.Pharm., M.Ph.Th., M.Com. MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
Ph.D.	12	12	10
M.Sc. (EVS)	55	21	21
M.Tech. (ESE)	20	8	8
M.Tech (GIS)	20	10	10

b. Students' detail in respect of B.Tech., B.Pharm. and B.P.Th. Programmes: NA

c. Detail of Foreign Students if any, admitted in the Department: NA

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
As per University norms	50	12	12	UGC-BSR, NFOBC, JRF, NFSC, AICTE

(IX) Sponsored Research/ Consultancy Projects:**(a)**

Total No. Of projects in progress during the academic current year	Total no. Of Projects awarded during academic current year	Total No. Of projects completed during academic current year
03	01	01

(b)

Title of the Project	Name of the Investigator(s)	Status: Completed/ In progress	Nature: Research/ Consultancy	Month & Year of Award
Removal of Synthetic Dye from Aqueous Solution using Biosorbent	Dr. Lakhvinder Singh	Completed	Research	2023
Plant based nanoparticles: A green prospect for wastewater treatment	Dr. Anita Singh Kirrolia	Completed	Research	Nov 2023

(X) Number of Publications of the Faculty (in Total)

Books and Book Chapters/Monographs etc		Research papers		Research papers		Other Articles
International	National	SCI/Scopus	UGC Care	Refereed	Non refereed	
06	02	40	30	40		

(XI) Faculty wise detail of publication during the period**a) Books/Book Chapters/ Monograph etc.**

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Praveen Sharma	Appraisal and Identification of Algal Bloom Region, Prevention and Management Approaches		2024	978-981-97-2371-3	Springer
2	Praveen Sharma	Microbes as Environmental Allies: From Wastewater Treatment to Sustainable Biofuel Production		2024	978-981-97-1154-3	Springer
3	Prof Asha Gupta	Nitrate Contamination in Groundwater of Arid and Semi-Arid Regions, Ecotoxicological Impacts, and Management Strategies The Handbook of Environmental Chemistry, Springer		2024	Print ISBN978-3-031-53776-9	Springer, Nature
4	Dr. Santosh Bhukal	Agri roots	Unlocking Nature's Potential: Green Synthesized Nanoparticles Paving the Way for Sustainable Agriculture	2024		Agri roots
5	Dr. Santosh Bhukal	Hydroponics and Environmental Bioremediation: Wastewater Treatment	Sustainable Approach for Agriculture and Environmental Remediation using Hydroponics and their Perspectives	2024		Springer publisher

6	Dr. Santosh Bhukal	Technology-mediated Learning During the Pandemic,	E-learning: An attribute to Physical, Psychological and Mental Distress Among Students	2024		Routledge Taylor & Francis Group
7	Dr. Santosh Bhukal	Technology-mediated Learning During the Pandemic	Challenges in Conducting Practical Courses during Covid-19	2024		Routledge Taylor & Francis Group
8	Dr. Santosh Bhukal	Emerging Environmental Applications of Nanozymes	The Role of Metallic Nanoparticles in Maximizing Crop Production	2024		International Nova Science Publishers, Inc.

XI (b) Research Papers/ Publications

Sr. No.	Title of paper	Name of the author/s	Name of Journal	Year of Publication	Publisher	Vol No.	Pages	SCI/ SCOPUS (Yes/No)
1	Optimizing leachate treatment with titanium oxide-impregnated activated carbon (TiO ₂ @ASC) in a fixed-bed column: characterization, modeling, and prediction study	Rajesh Kumar Lohchab	Environmental Science and Pollution Research	2023	Springer	30	88450 to 88462	Yes
2	Green Technology for Biogas Production through Anaerobic Digestion: An Effective Biomass Management Strategy	Rajesh Kumar Lohchab	Research Square	2023	Springer			Yes
3	Degradation of ammoniacal nitrogen (NH ₃ -N) in leachate by zinc oxide loaded activated carbon: Process parameters modelling and optimization through RSM design	Rajesh Kumar Lohchab	Bioresource Technology Reports	2023	Elsevier	24		Yes
4	Potential of Rice Straw as Biotemplate of TiO ₂ Nanoparticle Synthesis	Rajesh Kumar Lohchab	Annals of Agri Bio Research	2023	Agri Bio Research	28	7 to 11	Yes
5	A Facile Method for Synthesis of α -Fe ₂ O ₃ Nanoparticles and Assessment of Their Characterization	Rajesh Kumar Lohchab	Nature Environment and Pollution Technology	2024	Techno-science	23	321to323	Yes
6	Using predictive models unravel the potential of titanium oxide-loaded activated carbon for the removal of leachate ammoniacal nitrogen	Rajesh Kumar Lohchab	Environmental Monitoring and Assessment	2024	Springer	196		Yes
7	A comprehensive review on anaerobic digestion with focus on potential feedstocks, limitations associated and recent advances for biogas production	Rajesh Kumar Lohchab	Environmental Science and Pollution Research	2024	Springer			Yes
8	Nanomaterials for sustainable remediation: efficient removal of Rhodamine B and lead using greenly synthesized novel mesoporous ZnO@CTAB nanocomposite	Praveen Sharma	Environmental Monitoring and Assessment	2024	Springer	196		Yes

9	Greenly synthesized novel microporous ZnO/GO for adsorption of methyl orange and malachite green	Praveen Sharma	International journal of Environmental Analytical Chemistry	2024	Taylor and Francis			Yes
10	Optical and structural behavior of hydrothermally synthesized ZnO nanoparticles at various temperatures with NaOH molar ratios	Praveen Sharma	Results in Optics	2024	Elsevier	14		Yes
11	Bioremediation of RDX and HMX contaminated soil employing a biochar-based bioformulation	Praveen Sharma	Carbon Research	2023	Springer	2		Yes
12	Comparative Evaluation of Low-and Medium-Pressure UV Lamps for Photo-degradation of RDX Wastewater	Praveen Sharma	Water, Air, & Soil Pollution	2023	Springer	234		Yes
13	Sustainable approach for adsorptive removal of cationic and anionic dyes by Titanium Oxide nanoparticles synthesized biogenically using algal extract of Spirulina	Praveen Sharma	Nanotechnology	2023	IOP Publishing			Yes
14	Microbial Degradation of Explosive Manufacturing Facility Wastewater in a Bioreactor	Praveen Sharma	International Journal of Environmental Research	2023	Springer	17		Yes
15	Sequestration of Cd (II) utilizing biowaste-fabricated recyclable mesoporous magnetite (Fe ₃ O ₄) nano-adsorbent: process optimization, thermodynamic investigation, simulation modeling, and feasibility for electroplating effluent	Subhash Chander, Sangita Yadav, Hardeep Rai Sharma, Asha Gupta*	Journal of Alloys and Compounds	2024	Elsevier	986		Yes
16	Sequestration of Ni (II), Pb (II), and Zn (II) utilizing biogenic synthesized Fe ₃ O ₄ /CLPC NCs and modified Fe ₃ O ₄ /CLPC@ CS NCs: Process optimization, simulation modeling, and feasibility study	Subhash Chander, Sangita Yadav, Asha Gupta*	Environmental Science and Pollution Research	2023	Springer	30	114056 to 114077	Yes
17	Decolorisation of textile wastewater using biosynthesised iron oxide nanomaterials and Optimisation by Response Surface Methodology	Sangita Yadav, Subhash Chander, Asha Gupta*	ChemistrySelect	2024	Wiley	9		Yes

18	Biogenic engineered zine oxide nanoparticle for sulfur black dye removal from contaminated wastewater: comparative optimisation, simulation modelling and isotherms	Sangita Yadav, Subhash Chander, kataria N. K., Asha Gupta*, Khoo, K. S., *	Bioengineered	2024	Taylor and Francis	15		Yes
19	Microbially synthesised Zn@Fe ₃ O ₄ (M) and Zn@Fe ₃ O ₄ (ME) nanocomposites for textile effluent: Central composite design optimisation and kinetic modelling	Sangita Yadav, Subhash Chander, Asha Gupta*	Surfaces and interfaces	2024	Elsevier	46		Yes
20	Binary colour adsorption by Zinc@magnetite nanocomposites: robust parametric optimisation using Taguchi method	Yadav, S., Chander, S., Kumari, S., & Gupta, A	Vietnam Journal of Chemistry	2024	Elsevier	46		Yes
21	Designing design of expert (DOE) for treatment of sulfur black dye in textile effluent using zinc oxide nanobioadsorbents	Sangita Yadav, Subhash Chander, Asha Gupta*	Current Science	2024	Indian academy of sciences			Yes
22	Removal of Indigo Blue Dye Using Iron Oxide Nanoparticles-Process Optimization Via Taguchi Method.	Yadav, S., Chander, S., Kumari, S., & Gupta, A.	Oriental Journal of Chemistry	2023	OSPC	39	364	Yes
23	Evaluation of efficiency of Wheat straw nanocellulose as nanoadsorbent for the removal of divalent copper, lead and zinc from aqueous solution	Mandeep Kaur , Jitender Pal	Carbohydrate Polymer Technologies and Applications	2023	Elsevier	6		Yes
24	Synthesis of nanocellulose for the removal of naphthalene from simulated wastewater	Pooja Ranwala, Jitender Pal, Vinod Kumar Garg, Shakuntala Rani	Chemical Papers	2023	Springer	77	6029 to 6039	Yes
25	Synthesis and characterization of zinc oxide nanocomposite for fluoride ion removal from aqueous solution	Savita Sihag , Jitender Pal	Environ Monit Assess	2023	Springer	195		Yes
26	Adsorption of fluoride ions from aqueous solution by rice husk based nanocellulose	Savita Sihag , Jitender Pal	Advances in Environmental Technology	2023	IROST	9	194 to 214	Yes
27	Comparative investigation of naphthalene and pyrene adsorption by modified nanocellulose with titanium oxide	Pooja Ranwala, Jitender Pal	Chemical Papers	2024	Springer	78	4175 to	Yes

							4187	
28	Removal of lead ions from aqueous solution by modified nanocellulos	Sheetal , Jitender Pal	Environ Monit Assess	2024	Springer	196		Yes
29	CSR in engineering education: evidences from India and abroad	Ashish Bhardwaj, Anu Gupta, Samira Tawangar,	Int. J. Business Innovation and Research,	2024	IJBIR	34	19 to 40	Yes
30	Exploring the collaborative wonders of Al ₂ O ₃ -Mn ₃ O ₄ -Fe ₂ O ₃ nanoparticles embedded in reduced graphene oxide matrices	Rahul Sharma, Harish Kumar, Chetna Saini , Anu Gupta , Vaidehi Pandit	Inorganic Chemistry Communications, 162(2024), 11275	2024	Elsevier	162		Yes
31	Synthesis and Characterization of nano-adsorbent from Chemically modified Parthenium hysterophorus for treatment of industrial wastewater	Anu Gupta, Pardeep Rao	Int. J. of Nano and Biomaterials,	2024	Inderscience	10	204 to 220	Yes
32	Removal of chromium (VI) using <i>spirulina</i> assisted synthesized mesoporous iron oxide nanoparticles	Rishi Mittal, Anuj Sharma , Abhishek Kumar Bhardwaj , Rachna Bhateria, Shafila Bansal, Rajiv Kashyap, Santosh Bhukal	Inorganic Chemistry Communications	2023	Elsevier	154		Yes
33	Hydrophobic ionic liquid (IL)-based magnetic adsorbents: the way forward to remediate water pollution	Divya Yadav, Karmjeet Nain, Divya Dhillayan, Rishi Mittal, Shafila Bansal and Santos h Bhukal	Environmental Science: Advances	2024	Royal Society of Chemistry	3	480 to 501	Yes
34	Optimization of Cultivation Conditions of Native Microalga Scenedesmus quadricauda and Evaluation of Lipids for Enhanced Biodiesel Production	Anita Singh Kirrolia and Narsi R. Bishnoi	Indian Journal of Microbiology	2024	Springer	64	1009 to 1024	Yes

35	Physicochemical characterization of rice straw before and after alkali- assist photocatalytic pretreatment: a comparative analysis.	Sethi, N., Luhach, N., Kirrolia, A. S., Gupta, A., Bishnoi, N. R., Dhull, S. B. and Rose, P. K	<i>Environ. Sci. Polln. Res.</i>	2024	Springer			Yes
36	Response surface methodology as a statistical tool for optimization and FAME profile by GC-MS for assessing microalgae <i>Scenedesmus quadricauda</i> as a potential biodiesel feedstock.	Kirrolia, A. S., Bishnoi, N. R., Kumar, A. and Brindhadevi, K.	<i>J. Taiwan Inst. Chem. Engn.</i>	2024	Elsevier			Yes
37	Moth Bean (<i>Vigna aconitifolia</i>) Starch: Properties, Modifications and Applications- A Review	Dhull, S. B., Rani, J., Rohilla, S., Rose, P. K., Chawla, P., Kidwai, M. K., Chandak, A. Bamel, P., Kumar, M. and Kirrolia, A. S.	<i>Legume Science</i>	2024	Wiley	6		Yes
38	Optimization of alkali pre-treatment of sweet sorghum (<i>Sorghum bicolor</i> L. Moench) residue to improve enzymatic hydrolysis for fermentable sugars	Pallavi Punia and Lakhvinder Singh	Waste Management Bulletin	2024	Elsevier	2	131 to 141	Yes
39	Evaluation of free and immobilized cellulase on chitosan-modified magnetic nanoparticles for saccharification of sorghum residue	Pallavi Punia and Lakhvinder Singh	Bioprocess and Biosystem Engineering	2024	Taylor and Francis	42	661 to 677	Yes
40	Functionalized magnetic nanoparticles for Cellic Ctec2 cellulase immobilization: Allowing reusability of enzyme in the conversion of cellulosic biomass	Pallavi Punia and Lakhvinder Singh	Biocatalysis and Biotransformation	2024	Springer	47	737 to 751	Yes

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professors, Associate Professors & Assistant Professors	08	-	08	8	-	8

(b) International Conferences/ Seminars/ Workshops/Webinars

Name of the Teacher/Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/ DST/ CSIR/ AICTE/ University
Dr. Santosh Bhukal	Adsorption potential of ionic liquid modified nanoparticles for highly efficient removal of water pollutants	7 th International Conference on CSR & Sustainable Development”	Society For Education and Research Development India & Janabadra University, Yogyakarta Indonesia.	Yogy-akarta Indo-nesia.	10-11 June 2024	-
Dr. Santosh Bhukal	Exploring the use of Hydrophobic ionic liquid for waste water treatment	International conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development	Faculty Of Environmental, Food and Biotechnology, GJUS&T Hisar	Hisar	21-23 Feb. 2024.	
Dr. Santosh Bhukal	Synthesis of Ionic liquid (IL)-based adsorbent : A greener approach and their environmental applications	4 th international sustainability conference on health safety, fire and environmental advances	School of Advanced Engineering, UPES Bidholi, Dehradun, Uttarakhand	Bidholi, Dehradu n	30-31 October 2023.	
Dr. Anita Singh Kirrolia	Nanotechnology: A Substantial Advancement in Biofuel Production	Online International Conference on Himalayan Environment in Changing Climate Scenario	University of Ladakh (Mountain Research Institute)	Ladakh	Septemb er 19 th - 23 rd , 2023	
Dr. Anita Singh Kirrolia	Catalytic Role of Renewable Energy in Socioeconomic Growth of Rural Haryana.	Online International Seminar on ‘Sustainable Development and Global Issues	UGC-Human Resource Development Centre Bhagat Phool Singh Mahila Vishwavidyalaya in association with		October 7, 2023	

			Shiksha Sanskriti Utthan Nyas			
Dr. Anita Singh Kirrolia	Exploring Medicinal Plant Extracts for Zinc Oxide Nanoparticle Synthesis: Selection and Testing	4 th International Sustainability Conference on Health, Safety, Fire, and Environmental Advances (HSFEA 2023)	Sustainability Cluster, School of Advanced Engineering, UPES Bidholi, Dehradun, Uttarakhand (India) - 248007	Dehradun , Uttara- khand	30-31 October 2023.	
Dr. Anita Singh Kirrolia	Opportunities and challenges for the Production of Microalgae based Biofuel	4 th International Sustainability Conference on Health, Safety, Fire, and Environmental Advances (HSFEA 2023)	Sustainability Cluster, School of Advanced Engineering, UPES Bidholi, Dehradun, Uttarakhand (India) - 248007	Dehradun , Uttara- khand	30-31 October 2023.	
Dr. Anita Singh Kirrolia	Plant-Based Nanoparticles: An Eco-Friendly Option for Treating Wastewater	International Conference on Global Challenges in Environment, Food and Biotechnology for Sustainable Development (ICEFB24).	GJUS&T, Hisar	Hisar	February 21-23, 2024	

(c) **National Conferences/ Seminars/ Workshops : Nil**

(d) **Regional/ State Level Conferences/ Seminars/ Workshops: NIL**

(e) **Orientation Courses/Refresher courses: 01**

Name of Teacher/Faculty	Title of FIP/ Refresher Course	Host organization	Date
Dr. Anu Gupta	STC on Presentation Skills for Effective Curriculum Implementation	NITTTR, Chandigarh	10.6.2024- 14.6.2024
Dr, Lakhvinder Singh	UGC-Sponsored Faculty Induction Programme (FIP)	MMTTC, Punjabi University, Patiala	9.1.2024- 6.2.2024

(f) **National/International Webinars Attended : Nil**

(g) **Total number of Oriented Courses attended:**

- i. Oriented Courses/Refresher Courses :02
- ii. Webinars :00
- iii. Total :00

(XIII) **Association with National and State Level Bodies (Give teacher-wise details): NA**

(XIV) **Detail of Consultancy Project/Work in Department: NA**

(XV) Lectures (other than class) delivered (Give teacher wise detail): Nil

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. Praveen Sharma	Dean International Student	2022
2.	Prof. Asha Gupta	Dean Faculty of FBEST, Chairperson, Deptt. of Civil Engg.	2022, 2019-Till date
3.	Prof. Rajesh Kumar	Chairperson, Deptt. of ESE	2020 To 2023-24
4.	Dr. Anu Gupta	Coordinator, GH-II, Girls Hostel	Oct, 2018- Till 2 july 2024
6.	Dr. Santosh Bhukal	Village Programme Officer under "Swachh Bharat Swasth Bharat" scheme.	2018 Till date

(XVII) Training/Internship& Placement activity Information of the Department: Nil

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:

i. Seminar / Conference / Refreshers course / Workshop / Training Programme / webinar

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
International conference	International conference	300	3 days	21-23 Feb. 2024.

ii. Extension lecture: (with resource person & date): Nil

iii. Students tour Nil

iv. Industry interaction programs: (with name of company & date): NA

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment): -

Dr. Anu Gupta	AAUW FELLOWSHIP	June ,2024	AAUW , USA
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(XX) Any other important Information/ Achievement of the Department: Nil

DEPARTMENT OF FOOD TECHNOLOGY

(I) **NAME** : Food Technology

(II) **Year of Establishment** : 1995

(III)(a) State the vision of the Department:

- To become a model department for scientific industrial research in the area of Food Science and Technology
- To become an advanced Centre for Food Analysis aiming to provide guidance to food industries for sustainability and community well-being

(b) State the mission of the Department:

- To assist and promote the growth of food industry of the region through technology and technical services.
- To add value and utility to agro-resources through R&D
- To develop human resource for the food industry

(c) State the objective of the Department:

(As resolved by Staff Council)

- To provide quality education to the students
- To impart the knowledge of basic principles and novel techniques with respect to various aspects of food technology
- To train the best talents of the nation to provide a support base for the country's food security

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	--	19 (Registered)+ 03 (fresh admitted)
PG (M.Sc.)	40	67 (Ist & IInd year)
PG (M.Tech.)	20	08 (Ist & IInd year)
UG(B.Tech.)	30	86 (Ist, IInd , IIIrd & IVth year)
UG (B. Voc.)	30	85 (Ist, IInd , IIIrd year)
Any other	-	-

(IV) Programme (s) offered in the department

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	NIL	03	-
Associate Professor	02	NIL	-	-
Assistant Professor	04	03	-	-

Regular Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Prof. Alka Sharma	Professor	Ph.D	28 years
Prof. Aradhita B.Ray	Professor	Ph.D	28 years 03months
Prof. Manish Kumar	Professor	Ph.D	19

Contract/Guest Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Priyanka Kajla	Assistant Professor (Contractual)	Ph.D	11 Years
Dr. Parveen Kumari	Assistant Professor (Contractual)	Ph.D	11 Years
Dr. Sonika	Assistant Professor (Contractual)	Ph.D	6 Years +2.9Yrs (Industry)
Dr. Aneeta Khatak	Assistant Professor (Contractual)	Ph.D	7 Years
Er. Sunil Kumar	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	6 Years +2Yrs (Industry)
Er. Ankur Luthra	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	6 Years
Er. Mithun Kumar	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	6 Years
Dr. Aastha Dewan	Assistant Professor (Contractual)	Ph.D	6 Years 11 Months
Er. Manisha Malik	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	6 Years
Dr. Navnidhi	Assistant Professor (Contractual)	Ph.D	11.5 Years
Er. Neha Yadav	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	7 Years
Dr. Rattan Singh	Assistant Professor (Temporary Faculty)	Ph.D	3 Yrs +2Yr (Industry)

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Assistant-cum-DEO	01	01
Lab. Technician	01	02
Lab. Attendant	03	04
Steno	01	00
Peon	01	01+01

VII)

a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Tech.	20	04	04
M.Sc.	40	34	33

(b) Students detail in respect of B.Tech, B.Pharm. and B.Voc. Programmes

Programme	1 st year		2 nd year		3 rd year	4 th year
	Sanctioned Intake	Students admitted	Sanctioned intake through	Students Present	Students Present	Students Present

			<i>LEET</i>			
B.Tech.	30	22	15	22	21	21
B.Voc.	40	32	-	31	20	--

(c) Detail of Foreign Students, if any, admitted in the Department:

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
1	M.Sc.	0	0
2	M.Tech.	0	0

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
19	16	03	03

(IX) Sponsored Research/ Consultancy Projects: NIL

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
02			25		

(XI) Faculty wise detail of publication during the academic year:

A) Books/Book Chapters/ Monograph etc.

Authors	Title/ Chapter	Year of publication	Type of books(Text/Reference/Report)	Publishers
Sneh Punia Bangar, Priyanka Kajla	Agro-Wastes for Packaging Applications	2024	Edited Book	CRC Press, Boca Raton. Ist Edition, ISBN-9781003453277
Tomer. V., Chhikara, N., Kumar A. and Panghal, A.	Nutraceuticals from Fruit and Vegetable Waste.	2024	Edited Books	John Wiley & Sons.
Prof. Aradhita Barmanray, Mukesh Gaur and Anjali Soni	Heat Transfer and Pasteurization Techniques	2024	Reference Book Chapter Book Title: Engineering Solutions for Sustainable Food and Dairy Production	Springer Publication

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/ No)	Impact factor
Bhatia, M. and Sharma, A	2023	Growth Inhibition of Phytopathogenic <i>Penicillium citrinum</i> and <i>Penicillium expansum</i> by Some Indian Culinary Spices.	Current Research in Nutrition & Food Science,		11(2)			0.8
Shobhit and Sharma, A.,		Development and quality evaluation of masala khakhra fortified with moringa leaves powder.						-
Kumar, A., Sharma, A., Pandey, A., Saravanan, M.P. and Husale, S		Room-temperature photoconductivity in superconducting tungsten meander wires.	<i>Materials Advances</i>		4(18)	pp.4138-4150.		5.2
Mamta Bhatia and Alka Sharma	2024	Evaluation of few bioactive components of spice origin for their antimicrobial potential towards microbes commonly implicated in food spoilage and foodborne pathogenesis.	<i>Journal of Applied and Natural Science</i>		15(4)	308 - 314		0.8
Sunil Bishnoi, Aradhita B. Ray	2024	Optimization of Sprouting Condition for the Better Quality of Lentil by Response Surface Methodology.	Quaterns Journal		Vol. 11, Issue 10		Scopus	5.7
Sunil Bishnoi, Aradhita B. Ray	2024	Glutamic acid and L-phenylalanine as potential elicitors for quality soybean sprouts.	Africans Journal of Biological Sciences		vol. 06, issue 12	522-525	Scopus	
Sunil Bishnoi, Aradhita B. Ray		Optimizing Sprouting Conditions for Improved Soybean Quality	Annals of Biology		Accepted	Accepted	Scopus	0.20
Aradhita Barmanray, Nita Kaushik and Rajesh Kumar	2024	A Study on Black cumin (<i>Nigella sativa</i> L.) Fortified Processed Products: Formulation and Quality Evaluation	Journal of Nutrition and Food Security	Shahid Sadoughi University of Medical Sciences	Vol. 09 & Issue 04	609-620	Scopus Indexed	1.36
Aradhita Barmanray, Nita Kaushik, Jean Noel	2024	Study on Extraction and Surface coating of Black cumin (<i>Nigella</i>	Food Materials Research	Maximum Academic	Accepted	Accepted	Scopus Indexe	7.0

Nyemb, Alka Yadav, Samuelson Martin Luther King Boum Bindebe		<i>sativa</i> L.) seed oil on the shelf life of Lemons		Press, Nanjing Agricultural University			d	
Nita Kaushik and Aradhita Barmanray	2024	Ultrasonic Assisted Extraction and Identification of Thymoquinone from Black cumin seeds (<i>Nigella sativa</i> L.)	Food Technology and Biotechnology	University of Zagreb	Under revision	Under revisions	Scopus Indexed	2.30
Nita Kaushik and Aradhita Barmanray	2023	Solvent selection for efficient extraction, GC-MS and FT-IR characterization of major bioactive compounds present in different seed extracts of <i>Nigella sativa</i> L.	European Chemical Bulletin	Deuton X Ltd.	Vol. 12 & Issue 13	836-859	Scopus	3.71
Darshana Sihmar and Aradhita Barmanray	2023	Effect of thermal and sonication processing on the naringin and ascorbic acid content of grapefruit juice.	Journal of Applied Biology and Biotechnology (JABB) Journal		Vol. 11& Issue 06		Scopus	1.6
Singhanian, N., Kumar, R., Pramila, Bishnoi, S., Ray, A.B. and Diwan, A.,	2023	Bioactive Properties and Health Benefits of Amaranthus.	<i>Harvesting Food from Weeds</i>			pp.351-383.		
Sihmar, D. and Ray, A.B.,		Optimization of physical and enzymatic debittering methods for grapefruit juice.	<i>Journal of Applied Horticulture,</i>		25(2)	pp.211-215.		
Bidlan, A. and Kumar, M.,	2023	Comparative assessment of different processing methods used for minimization of bitterness in Bitter gourd. <i>Sustainability, Agri, Food and Environmental Research</i>			11.			
Dangi, P., Chaudhary, N., Chaudhary, V., Viridi, A.S., Kajla, P., Khanna, P., Jha, S.K., Jha, N.K., Alkhanani, M.F., Singh, V. and Haque, S.,	2023	Nanotechnology impacting probiotics and prebiotics: a paradigm shift in nutraceuticals technology.	<i>International Journal of Food Microbiology,</i>		388	p.110083.		5.0
Bangar, S. P., Whiteside, W. S., Kajla, P., & Tavassoli, M.	2023	Value addition of rice straw cellulose fibers as a reinforcer in packaging applications.	<i>International Journal of Biological Macromolecules,</i>		243,	125320.		7.7
Bangar, S.P., Kajla, P.	2023	Valorization of wheat straw in food	<i>International Journal of</i>		227,	pp.762-776.		7.7

and Ghosh, T.		packaging: A source of cellulose.	<i>Biological Macromolecules</i>					
Kajla, P., Goyal, N., Bangar, S.P., Chaudhary, V. and Lorenzo, J.M.,	2023	Flaxseed Proteins (Linum usitatissimum): Thermal, Functional and Spectroscopic Characterization.	<i>Food Analytical Methods,</i>		16(2)	pp.459-467.		2.8
Kajla, P., Chaudhary, V., Dewan, A. and Goyal, N.,	2023	Colored cereals: Botanical aspects.	<i>In Functionality and Application of Colored Cereals</i>	Academic Press.		(pp. 1-25).		
Rostamabadi, H., Chaudhary, V., Chhikara, N., Sharma, N., Nowacka, M., Demirkesen, I., Rathnakumar, K. and Falsafi, S.R.,	2023	Ovalbumin, an outstanding food hydrocolloid: Applications, technofunctional attributes, and nutritional facts, A systematic review.	<i>Food Hydrocolloids,</i>		139,	p.108514.		11.0
Roopa, H., Panghal, A., Kumari, A., Chhikara, N., Sehgal, E. and Rawat, K	2023	Active packaging in food industry	<i>Novel Technologies in Food Science,</i>			375-404.		3.1
Dewan, A., Panghal, A., Dabaghiannejad, B., Ranga, V., Kumar, N. and Chhikara, N.	2023	Radio- Frequency Technology in Food Processing.	<i>Novel technologies in food science</i>			271-306.		3.1
Kehinde, B.A., Panghal, A., Bishnoi, P. and Chhikara, N.,	2023	Role of nanotechnology in food supply chain.	<i>In Nanotechnology Applications for Food Safety and Quality Monitoring</i>	Academic Press		415-434		
Dewan, A. and Khatkar, B.S.,	2023	Wheat polymeric proteins isolation and characterization: Microstructural, thermal, configurational and spectroscopic approach.	<i>European Food Research and Technology,</i>		249(7)	pp.1797-1806.		3.0
Malik, M., Sindhu, R., Dhull, S.B., Bou-Mitri, C., Singh, Y., Panwar, S. and Khatkar, B.S.	2023	Nutritional composition, functionality, and processing technologies for amaranth.	<i>Journal of Food Processing and Preservation</i>		2023(1)	p.1753029.		

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	06	01	07			
Associate Professor						
Assistant Professor						

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Prof. Alka Sharma		International Conference on Global Challenges in Food, Environment, and Biotechnology for Sustainable Development.	Organised by Faculty of FEBST, GJUST, and Hisar	Hisar	21-23.02.2024	
Nita Kaushik and Aradhita Barman Ray	Assessment of various solvents for effective extraction of Thymoquinone from Black cumin (<i>Nigella sativa</i> L.) seeds.	Global Challenges in Environment, Food and Biotechnology for Sustainable Development (ICEFB-2024)	Guru Jambheshwar University of Science & Technology, Hisar	Hisar	21-23 Feb. 2024	University and DST
Brijesh Kumari and Aradhita Barman Ray	Functional and Nutritional Properties of Malabar Spinach (<i>Basella alba</i>) - An underutilized green leafy vegetable	Global Challenges in Environment, Food and Biotechnology for Sustainable Development (ICEFB-2024)	Guru Jambheshwar University of Science & Technology, Hisar	Hisar	21-23 Feb. 2024	University and DST
Nita Kaushik and Aradhita	Optimization of various parameters for	Recent Trends in Smart and Sustainable Agriculture for	Lovely Professional University, Jalandhar,	Jalandhar, Punjab	22-23 Nov. 2023	

Barman Ray	extraction of major bioactive compounds in Black cumin seeds (<i>Nigella sativa</i> L.).	Food and Nutritional Security (SSAFNS-2023)	Punjab			
Nita Kaushik and Aradhita Barman Ray	Ultrasonic assisted Extraction and Identification of Thymoquinone from Black cumin seeds (<i>Nigella sativa</i> L.).	TRIMSAFE-Technology Re-engineering for Innovation and Mitigating the risk for a Safe, Sustainable, Affordable and Secure Food Ecosystem	CFTRI Campus, Mysuru, India	Mysuru, India	7-10 Dec. 2023	
Astha Dewan	Influence of addition of wheat gluten fractions on spectroscopic and microstructural assessment of instant noodles	International Conference on “Recent advances in smart and sustainable agriculture for food and national security-2023	School of agriculture, Lovely Professional University, Punjab	Punjab	22-23, Nov, 2023	

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Prof. Aradhita Barmanray	Attended One Day Workshop	Implementation of National Education Policy-2020	GJUS&T	Hisar	8 th January, 2024	University

(d) Regional/ State Level Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/ AICTE /Univ./etc.
Prof. Aradhita B. Ray and Prof. Alka Sharma		conference on Capability Enhancement for Safe Food Business and Accession Ceremony of All India Cadre of Safe Food Business Professionals	FICCI Federation House, New Delhi.	New Delhi.	31.07.2023	

(e) **Refresher Courses/ Orientation Courses:**

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Prof. Aradhita B.Ray	E-Content Development and Online Pedagogy	UGC- Human Resource Development Centre (UGC Academic Staff College	UGC- Human Resource Development	GJUS&T, Hisar	3 rd to 9 th August, 2023
Prof. Aradhita B.Ray	National Education Policy (NEP) 2023	UGC-Human Resource Development Centre, Kurukshetra University (KUK)	UGC-Human Resource Development Centre, Kurukshetra	Kurukshetra University (KUK)	19 th July 2023
Prof. Alka Sharma	Short Term Course (STC)	E-Content Development and Pedagogy	HRDC, GJUST, Hisar	Hisar	03.08.2023-09.08.2023

(f) **National/International Webinars Attended**

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
-	-	-	-

(g) **Total number of Refresher/ Orientation Course/Webinar attended:**

- i) **Refresher Course : 03**
- ii) **Orientation Course : 02**
- iii) **Webinar : 01**
- iv) **Total : 06**

(XIII) **Association with National and State Level Bodies**

(Give Faculty-wise details):

i) **Membership of Professional Bodies:**

Prof. Alka Sharma

- Nutrition Society of India, National Institute of Nutrition, Hyderabad (Life member)
- Indian Society of Home Scientists for Rural and Agricultural Institutions, CCSHAU, Hisar (Life member)
- Association of Microbiologists of India-AMI (Life member)
- Association of Food Scientists and Technologists (India)-AFSTI (Life member)
- Life member: Associations of Home Scientists for Rural and Agricultural Institutions

Prof. Aradhita Barman Ray:

1. Member of Faculty of Environmental, Biosciences and Technology (FEBT) for a period of two years 2024-2026.
2. Member Board of Studies (BOS) in the Department Food Technology.
3. Member of Academic Council (AC) of the University
4. Member of Selection Committee for award of University Research Fellowship (URF) by the Honorable Vice Chancellor on 22 Feb. 2024.
5. Member of three member committee for screening of application forms for the post of assistant and associate professor as constituted by the Honorable Vice-Chancellor.

6. Nominated by the Honorable Vice-Chancellor as a member of the Academic Council (AC) for a period of two years (2024-2026).
7. **Life member** of Haryana society of Horticultural Sciences.
8. **Life member** of Nutrition Society of India (NSI).National Institute of Nutrition, Hyderabad.

Dr. Manish Kumar

- SWIFT membership
- AFSTI membership

ii) **Member of Expert Committees:**

iii) **Member of Academic Bodies of other institutions:**

iv) Member of Post Graduate Board of studies of the department.

iv) **Any Other**

(XIV) Detail of Consultancy Project/ Work in Department:

Name of Faculty	Title of the project /work	Name of Agency	Total Amount

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk			
Extension lectures			
Any other			

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Prof. Aradhita Barmanray	Officiating Chairperson duty	19 th and 20 th July, 2023, 9 th Feb. 2024 and 5 th July, 2024 and on other dates whenever Deptt s Chairperson remain on any kind of leave.
2.	Prof. Aradhita Barmanray	Convener member of music events in 11 th Inter-Zonal Youth Festival	28 th -29 th October, 2023
3.	Prof. Aradhita Barmanray	Acted as a distinguished member and judge for the music\vocal items in Zonal Youth Festival	14 th and 15 th October, 2023
4.	Prof. Aradhita Barmanray	Member of a committee constituted by Vice-Chancellor for the screening and preparation of music events in the cultural event 'SWAGATAM'	18 th -23 rd September, 2023

5.	Prof. Aradhita Barmanray	Designated as Course Coordinator for conducting a 40 hours short-term course on Food Processing and Preservation	6 th to 28 th April, 2024, but due to less number of candidates the course was cancelled.
6	Prof. Alka Sharma	Organised a workshop in the department for all faculty members and scholars on Development of MOOC Course	MMTTC/HRDC/ASC, GJUST, Hisar on 08.02.2024.
7	Prof. Alka Sharma	Organised National Nutrition Week-2023 in First week of September-2023	First week of September-2023

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	130	20
Placement	45	06

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i) Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of participants	Dates/ Duration
International Conference on Global Changes in Environment, Food and Biotechnology for Sustainable Development	International Conference		21-23 Feb. 2024
Workshop on “Advanced Analytical Techniques-2024	National		13-15 th March, 2024
MOOC Development (Massive Open Online Courses) Development	Workshop		8 th Feb. 2024

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
GI/GUT Health Management In UGC sponsored Two-weeks Online (Live Mode) Interdisciplinary Refresher Course on “Environmental Studies” conducted by UGC-HRDC, GJUS&T, Hisar w.e.f. 03-Jul-2023 to 15-Jul-2023	Prof. Alka Sharma		07.07.2023
Expert Lecture on the topic, ”Sensory Evaluation of Foods” in a Workshop organised by Department of Nutrition Biology, CUH, Mahendergarh	Prof. Alka Sharma		19.03.2024

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
AAHAR- The International Food and Hospitality Fair-2024	83 Students	11 th March, 2024	Dr. Priyanka Kajla, Er. Ankur Luthra, Er. Sunil, Er. Mithun Kumar and Er. Neha Kumari

iv. Industry interaction programmes : NIL

(XIX) Awards/ Honours received by Faculty : Nil

(XX) Any other Important Information/ Achievement of the Department:

- World Food Day was celebrated on 16 Oct, 2023.
- National Nutrition Month was celebrated 1-7 sept, 2023.
- Department of Food Technology organized Millet Utsav-27, Sept. 2023.
- Department has organized International Conference on Global Challenges in Environment, Food & Biotechnology for Sustainable Development-ICEFB, February 21-23, 2024.
- Department has organized workshop on MOOC development on 08.02.2024 in coordination with MMTTC.
- Department of Food Technology has started Short-Term Course on Processing and Preservation of Fruits and Vegetables, 28 April, 2024.
- Visit to AAHAR Exhibition to Delhi on March 7-11, 2024 by the department.

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found .qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
25			11
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
11			
Total number of funded research projects	Completed	Ongoing	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	Ph.D Degree awarded	-
15	03	03	

DEPARTMENT OF FOOD TECHNOLOGY

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department:

- It is recommended to revise and update the syllabi of all graduate and postgraduate courses of Food Technology in alignment with the guidelines set forth by the National Education Policy (NEP) 2020. This revision should focus on enhancing the curriculum to reflect contemporary developments in the field of food technology, promote interdisciplinary learning, and integrate practical, hands-on experiences that foster critical thinking, innovation, and industry readiness.
- It is essential to recruit additional regular faculty members in the department to effectively manage the growing academic demands. Currently, the department offers over five courses with a total student population of 350, yet there are only three regular faculty members. To maintain high-quality instruction, ensure adequate faculty-student interaction, and support the expanding curriculum, it is crucial to hire more qualified faculty. Additionally, the department will require enhanced infrastructure to accommodate the increasing number of students and to facilitate a more dynamic and effective learning environment by increasing number of equipment and laboratory facilities.
- To boost industry-oriented and collaborative research, it's essential to recommend, establishment of dedicated facilities that strengthen partnerships with the food industry and research institutions. This will promote applied research, enhance the quality and quantity of publications, and elevate the department's visibility and reputation in both academic and industry circles. Student placement and training can be strengthened by establishing regular MOUs with institutions and industries, facilitating continuous collaboration and creating more opportunities for internships and job placements.
- To enhance teaching and research skills, faculty members and students should be provided financial support to participate in national and international events, as well as faculty exchange programs with reputed institutions. This will promote professional growth and exposure to global advancements.

DEPARTMENT OF GEOGRAPHY

(I) **NAME** : Department of Geography

(II) **Year of Establishment** : 2023

(III) (a) **State the vision of the Department:**

Vision

To become a model department as a Centre of quality education, research with innovation and recognition at National and International level for serving the society.

(b) **State the mission of the Department:**

Mission

1. To provide quality education to aspiring young minds for improving their skills, inculcating values, creating leadership qualities and enhance research with innovative methods.
2. To produce young geographers who would contribute in the areas of higher education, regional and national planning, development, environment, ethics and sustainable development.
3. To develop Teaching-Learning methods which can produce socially committed professionals who contribute effectively in nation building.

(c) **State the objective of the Department:**

(As resolved by Staff Council)

Course Objectives

- * To able to explain territorial diversity and complexity and the interrelations of natural environmental phenomena with economic, social and cultural phenomena.
- * To ensure that students are able to act and take part in the management of territory by drawing on their training in Geography.
- * Specifies a behavior, skill, or action that a student can demonstrate if they have achieved mastery of the objective.
- * To help you understand how geographers think about world, consider geography's five themes-location, place region, movement and human –environment interaction.
- * To ensure that students are able to put theoretical, methodological and instrumental Knowledge into practice, make comprehensive analyses, interpret spatial problems and processes and make territorial diagnoses.
- * To ensure that students are able to act and take part in the management of territory by drawing on their training in geography.
- * To develop the specific skills related to work techniques, particularly those related to analysis, process and representation of geographical information and field work.
- * To ensure that the necessary knowledge.
- * To enable graduates to take postgraduate or specialization courses in which a territorial component is dealt with.
- * To be able to explain territorial diversity and complexity and the interrelations of natural environmental phenomena with economic, social and cultural phenomena.

(IV) **Programme (s) offered in the department**

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	NIL	NIL
P.G	NIL	NIL
U.G	52+5	49
Any other	NO	NO

(V) Faculty detail**(Attach a list of the Faculty alongwith their qualifications and Experiences)**

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	NIL			
Associate Professor	NIL			
Assistant Professor	NIL			05 TEMPORARY TEACHER

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
ATTENDENT	NIL	01(HKRNL)
PEON	NIL	01(HKRNL)

VII)

- a) **Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes N.A.**
- b) **Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes N.A.**
- c) **Detail of Foreign Students, if any, admitted in the Department:**

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
NIL	NIL	NIL	NIL

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
NIL	NIL	NIL	NIL

(IX) Sponsored Research/ Consultancy Projects:**X) Number of Publications of Faculty (in Total)**

Books	Research papers		Research paper		Other Articles
NIL	SCI/Scopus	UGC Care	Refereed	Non refereed	NIL
NIL	NIL	NIL	NIL	NIL	NIL

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc.**

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
NIL	NIL	NIL	NIL	NIL

b) Research Papers/ Articles in Journals : Nil

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: Nil

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership of Professional Bodies: NIL

ii) Member of Expert Committees: NIL

iii) Member of Academic Bodies of other institutions: NIL

iv) Any Other: NO

(XIV) Detail of Consultancy Project/ Work in Department: Nil

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk	NIL	NIL	NIL
Extension lectures	PHYSICAL GEOGRAPHY	Dept. of Geography	30.11.23
Any other	NIL	NIL	NIL

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Faculty	Additional DUTY	Duration From To
1.	Prof. Ram Singh Beniwal	Look after all assigned duty	_____
2.	Dr. Vinod Kumar (Temporary Teacher)	Coordinator Department Website	_____
3.	Mr. Arvind (Temporary Teacher)	NEP Coordinator of Department level	_____
4.	Ms. Reet (Temporary Teacher)	Sports Coordinator Girls Student	_____
5.	Mr. Rohit (Temporary Teacher)	Sports Coordinator Boys Student	_____

(XVII) Training /Internship/ Placement Activities information of the Department: Nil.

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i) Seminar/Conference/Refreshers course/Workshop/Training Programme: Nil

ii). Extension lecture:

Topic	Resource Person	Number of Participants	Dates
PHYSICAL GEOGRAPHY	SSSONU	50	30.11.23

iii). Students tour: Nil

iv). Industry interaction programmes: Nil

(XIX) Awards/ Honours received by Faculty : Nil

(XX) Any other important Information/ Achievement of the Department: NO

DEPARTMENT OF GEOGRAPHY

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
NIL	NIL	NIL	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
NIL	NIL	NIL	NIL
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
NIL	NIL	NIL	NIL
Total number of funded research projects	Completed	Ongoing	-
NIL	NIL	NIL	NIL
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
NIL	NIL	NIL	NIL

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

The progress of the department of geography is very good as the Department has started PG (M.Sc. Geography).

Plan for the next year

To organize national/seminar/conference/workshop.

Planning to start PG diploma in Disaster management.

Planning to start short term courses in GIS regular mode/distance mode.

DEPARTMENT OF HARYANA SCHOOL OF BUSINESS

(I) NAME : HARYANA SCHOOL OF BUSINESS

(II) Year of Establishment : 1995 (Restructured in 2007)

(III) (a) State the vision of the Department:

Vision: The School strives to achieve the vision of a globally respected institution engaged in generation of knowledge and dissemination of the same through teaching and research in collaboration with leading business schools, the industry, government and society in the fields of business management studies for the benefits of the economy, society, nation and the world.

(b) State the mission of the Department:

Mission: HSB strives to contribute its best in transforming raw brains into effective leaders ready to contribute towards national economic & societal growth.

(c) State the objective of the Department:

(As resolved by Staff Council)

- a) To impart quality higher education in the fields of business management;
- b) To carry out research programmes related to areas of management, business and economics;
- c) To provide consultancy to the industry, government and others;
- d) To provide knowledge and informational resources under single roof to the various end users;
- e) To provide customized training to the personnel from corporate world, government and other sector for their skill enhancement; and
- f) To provide state-of-the art infrastructure like computing labs, library and other facilities required for a business school of international standings;

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph. D.	20+JRF+NET	
P. G. (MBA)	[240+1 (K.M.) +Foreign Students] per year a) MBA General: Intake-60 b) MBA Finance: Intake-40 c) MBA Marketing: Intake-40 d) MBA International Business: Intake-40 e) MBA Business Analytics: Intake-40 f) MBA Healthcare: Intake-20	1 st year = 240 2 nd year = 193
Integrated BBA-MBA	[180+4+1(K.M.) +Foreign Students] per year	1 st year =178

(V) Faculty detail**(Attach a list of the Faculty along with their qualifications and Experiences)**

	Sanctioned	Direct Filled	Under CAS	Remarks, if Any
Professor	06	20	19*	-
Associate Professor	12	03	-	-
Assistant Professor	27	05	-	-

Nineteen Professors have been promoted under CAS.*List of Teaching Faculty with their Specialization:**

Sr. No.	Name (s) of the Teaching Faculty	Designation	Qualification	Specialization
1.	Dr. H. Bansal	Professor	Ph. D.	Marketing, Business laws and logistics Mgt.
2.	Dr. B. K. Punia	Professor	Ph. D.	OB, HRM & Gen Management
3.	Dr. N. S. Malik	Professor	Ph. D.	Finance/I. B.
4.	Dr. Karam Pal Narwal	Professor& Dean HSB	Ph. D.	Finance & General Management.
5.	Dr. M.C. Garg	Professor	Ph. D.	Finance
6.	Dr. V. K. Bishnoi	Professor & Director, HSB	Ph. D.	Marketing
7.	Dr. Pardeep Gupta	Professor	Ph. D.	Marketing/IB
8.	Dr. Anil Kumar	Professor	Ph. D.	HRM
9.	Dr. Sanjeev Kumar	Professor	Ph. D.	Marketing Management
10.	Dr. Tika Ram	Professor	Ph. D.	Marketing & Quantitative Techniques
11.	Dr. Suresh Mittal	Professor	Ph. D.	Finance &Accounting
12.	Dr. Khujan Singh	Professor	Ph. D.	Economic Analysis & Finance
13.	Dr. Anju Verma	Professor	Ph. D.	HRM& Marketing
14.	Dr. Deepa Mangala	Professor	Ph. D.	Finance and Accounting
15.	Dr. Ubba Savita	Professor	Ph. D.	Marketing
16.	Dr. Dalbir Singh	Professor	Ph. D.	Marketing & Strategic Management
17.	Dr. Shveta Singh	Professor	Ph. D.	Finance & Insurance
18.	Dr. Rajiv Kumar	Professor	Ph. D.	Marketing & Strategic Management
19.	Dr. Himani Sharma	Professor	Ph.D.	HRM
20.	Dr. Sunita Rani	Professor	Ph.D.	HRM
21.	Dr. Mani Shreshtha	Associate Professor	Ph.D.	Marketing
22.	Dr. Vandana Singh	Associate Professor	Ph.D.	HRM, Organizational Behaviour, General Management
23.	Dr. Nidhi Turan	Associate Professor	Ph.D.	Marketing
24.	Dr. Vanita Ahalawat	Assistant Professor	Ph.D.	HR & Finance
25.	Dr. Sangeeta	Assistant Professor	Ph.D.	Marketing

26.	Dr. Vijender Pal Saini	Assistant Professor	Ph.D.	International Business
27.	Dr. Suresh Kr. Bhaker	Assistant Professor	Ph.D.	HRM
28.	Dr. Monika	Assistant Professor	Ph.D.	Finance
29.	Sanjay Singh	Deputy Director	MBA	Training & Placement

(VI) Office/Tech. Staff detail:

Title of Position	Sanctioned strength	In position strength
A.R.	1	Nil
T & PO (Deputy Director)	1	1
Superintendent	-	Nil
Dy. Supdt.	2	Nil
Technical Asstt. Grade I	1	1
Store Keeper	1	Nil
Lab Technician	-	Nil
Asstt.-Cum-DEO	4	1
Steno-Typist	4	1
Clerk.-Cum-JDEO	4	1
Daftri	1	1
Lab Attendant	1	3
Peon	3	0
Total	22	09

Details of Full Time Non-Teaching Staff:

Name	Designation
Mr. Sanjay Singh	T & PO (Deputy Director)
Mr. Jaiveer	Lab Technician G-I
Mr. Sundeep Kumar	Assistant
Mr. Sharwan Kumar	Steno-Typist
Mr. Ashok Kumar	Lab Attendant
Mr. Rajesh Kumar	Lab Attendant
Mr. Dharampal	Lab Attendant
Mr. Malak Chand	Clerk

VII) a) Students detail in respect of M.Sc., M. Tech., M. Pharm., M. Ph. Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
Ph. D.	20+JRF+NET	26	190
P. G. (MBA)	[200+1 (K.M.) +Foreign Students] per year	240	193
Integrated BBA-MBA	[180+4+1(K.M.) + Foreign Students] per year	178	Nil

(b) Students detail in respect of B. Tech, B. Pharm. and B.P.Th. Programmes: N.A.

(c) Detail of Foreign Students, if any, admitted in the Department: Nil.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
190	16	47	19

(IX) Sponsored Research/ Consultancy Projects: Nil.

X) Number of Publications of Faculty (in Total)

Name of Teacher	Books and Book Chapters / Monographs etc.		Research papers			
	International	National	International		National	
			Refereed	Non refereed	Refereed	Non refereed
Dr. H. Bansal			2			
Dr. B. K. Punia		1	5			
Dr. N. S. Malik					2	
Dr. Karam Pal Narwal		1	10		4	
Dr. M.C. Garg						
Dr. V. K. Bishnoi		1	3			
Dr. Pardeep Gupta					2	
Dr. Anil Kumar			2			
Dr. Sanjeev Kumar			4			
Dr. Tika Ram			2		2	
Dr. Suresh Mittal			1			
Dr. Khujan Singh			2		2	
Dr. Anju Verma	02		03		4	
Dr. Deepa Mangala			3			
Dr. Ubba Savita		07		02		
Dr. Dalbir Singh		01			02	
Dr. Shveta Singh			3			
Dr. Rajiv Kumar		3	10		9	
Dr. Himani Sharma			3		4	
Dr. Mani Shreshtha					1	
Dr. Vandana Singh		1	1		3	
Dr. Nidhi Turan					02	
Dr. Vanita Ahalawat			2			
Dr. Sangeeta Mittal	1	1				
Dr. Vijender Pal Saini	1				2	
Dr. Suresh Kr. Bhaker				04		

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc.

Name of Teacher	Authors	Title	Year of publication	Type of books (Text/Reference/ Report)	Publishers	SCI / Scopus (Yes / No)	Impact factor
Prof. H. Bansal	Garg P., Kohar A., Bansal H.	Factors Influencing Consumer Behaviour towards Sustainable Development- A Literature Review. World Economic Growth India as a Growth Stimulus	2024	Conference Proceedings Book	Excel India Publishers		
Prof. H. Bansal	Goyal P., & Bansal H.	How does Social Media Impact emotions? – a systematic Literature Review	2024	Conference Proceedings Book	Arihant Books		
Prof. B.K. Punia	V. Soni, B.K. Punia and G. Bansal	Antecedents and Outcomes of Academic Psychological Capital: A Comprehensive Review. In Vinod Kumar Bishnoi et al. (Eds.)	2024	Analects: Research Inputs in Sustainability, Technology, Entrepreneurship and Management	New Delhi: Arihant Books pp. 225-238		
Prof. Karam Pal Narwal	Karam Pal Narwal, Vinod Kumar Bishnoi, Shveta Singh, Himani Sharma, Manishreshtha, Vandana Singh and Vanita Ahlawat	‘Analect : The Research Inputs in Sustainability, Technology, Entrepreneurship and Management’,	February 2024		Arihant Publishers, New Delhi		(ISBN: 978-81-19956-61-6
Prof. Anju Verma	Anju Verma, Manpreet Kaur and Garima	Redefining Web Usability: A Bibliometric Analysis (1994-2024)	2024		Arihant Books, New Delhi, India		
Prof. Anju Verma	Anju Verma, Poonam Verma and Priti	Gender Discrimination and Turn Over Intention: A Systematic Literature Review	2024		Arihant Books, New Delhi, India		
Prof. Dalbir Singh	Dalbir Singh and Monika Nain	Challenges of Women startup: A Review	2024	Edited Conference proceedings, Analect: Research Inputs in Sustainability, Technology, Entrepreneurship and Management	Arihant Publishers, New Delhi, 2024		(ISBN: 978-81-19956-61-6

Prof. Himani Sharma	Dr. Himani Sharma	Decoding Diversity at Workplace: Insights from Literature coauthored with Ms. Riya Singla.	2024	Edited Conference proceedings, Analect: Research Inputs in Sustainability, Technology, Entrepreneurship and Management	Arihant Publishers, New Delhi, 2024		
Prof. Himani Sharma		Synthesizing Leadership Philosophies in the Era of Digital Transformation: A Bibliometric and Content Analysis coauthored with Ms. Divya Jain	2024	Edited Conference proceedings, Analect: Research Inputs in Sustainability, Technology, Entrepreneurship and Management	Arihant Publishers, New Delhi, 2024		
Dr. Mani Shreshtha	Bishnoi, V.K., Narwal, K.P., Singh, S., Sharma, H., Shreshtha, M., Singh, V. & Ahlawat, V.	Analect: research inputs in sustainability, technology, entrepreneurship and management	2024	Reference Book	Arihant Books		
Dr. Mani Shreshtha	Simran. &Shreshtha, M.	An examination of online consumer reviews through bibliometric analysis.	2024	Book Chapter	Arihant Books		
Dr. Mani Shreshtha	Sunaina. &Shreshtha, M	A systematic literature review of post-purchase consumer regret using PRISMA statement	2024	Book Chapter	Arihant Books		
Dr. Mani Shreshtha	Shweta. &Shreshtha, M.	The impact of marketing related factors on online impulse purchases- a literature review.	2024	Book Chapter	Arihant Books		
Dr. Vandana Singh	Book Chapter -Vandana Singh & Vaishali	Organizational Learning & Training: Exploring the factors for bank employees in India”	(February 2024)	ANALECT: Research Inputs in sustainability, Technology, Entrepreneurship and Management by	Arihant Publishers, New Delhi, ISBN: 978-19956-61-6		
Dr. Vandana Singh	Book		2024	ANALECT: Research Inputs in sustainability, Technology, Entrepreneurship and Management by	Arihant Publishers, New Delhi, ISBN: 978-19956-61-6		
Dr. Vanita Ahlawat	Geeta Rani and Vanita Ahlawat	Problems and Prospects of Apiculture in Haryana: A Review	2024				
Dr.	Nistha Mittal and	Empowering Sustainable Agriculture:	2024				

Vanita Ahlawat	Vanita Ahlawat	Analyzing the Growth of Solar Pump Installation					
Dr. Vanita Ahlawat	Soni devi and Vanita Ahlawat	Socio- Economic Condition of Migrant Labour in Major Industries of Unorganized Sector in India: A Review	2024				
Dr. Sangeeta Mittal	Dr. Sangeeta Mittal	Does R & D Intensity Affect the Firms' Performance?: A Meta- Analytical Review	2024	Edited book	Emerald Publishing Limited		

b) Research Papers/ Articles in Journals:

Name of Teacher	Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes /No)	Impact factor
Prof. B.K. Punia	N. Garg and B.K. Punia	online on July 04, 2024	Workplace Gratitude Studies: Review and Future Agenda Using Bibliometric Analysis, Journal of Public Affairs	Journal of Public Affairs	(John Wiley, SCOPUS).	24 (3), pp.1-13		[ISSN: Print-1472-3891, Online-1479-1854].	
Prof. B.K. Punia	S. Chahal, B.K. Punia and R. Joopen,	July 2024	Effect of Self Challenges on Task, Contextual and Counterproductive Performance: A Study with Special Reference to ASHAs	ANVESHAK: INTERNATIONAL JOURNAL OF MANAGEMENT	ANVESHAK: International Journal of Management (AIJM),	pp. 102-118		DOI: 10.15410/aijm/2024/v13i2/173218. [ISSN: Print-2278-8913, Online-2350-0794	
Prof. B.K. Punia	Y. Luthra, B.K. Punia and S. Chahal, Employees	December 2023	Work Attitude across Public and Private Universities: A Synoptic View	SHIMLA MANAGEMENT JOURNAL	SHIMLA MANAGEMENT JOURNAL	XV(1), (An Annual Publication) , pp. 52-69		ISSN: 2320-0154	
Prof. B.K. Punia	S. Chahal, B.K. Punia and Mandeep Singh	July-December, 2023	Rural Health Management: A Diagnostic Analysis of the ASHS's Challenges vis-à-vis Work Performance, HSB Research Review (HSBRR)	HSB Research Review		pp. 42-53		ISSN: 0976-1179	
Prof. B.K. Punia	R. Girdhar and B.K. Punia	October, 2023	Inclusion, Organisational Identification, Job Satisfaction and Task Performance: Exploration and Outcome	Empirical Economics Letters22 (Special Issue-1)	Empirical Economics Letters	pp. 1-18		https://doi.org/10.5281/zenodo.10204505 . [ISSN: 1681-8997].	
Prof. Y. Luthra	Y. Luthra	Dec., 2023	Examining the Impact of Internal	Gateway International	Gateway	pp. 1-19		ISSN No: 2583-	

B.K. Punia	and B.K. Punia		Marketing Practices on Employees' Work Attitude in Higher Education Institutions	Journal of Innovative Research	International Journal of Innovative Research			7842	
Prof. B.K. Punia	Suman and B.K. Punia	16 October, 2023	Towards an Integrated Framework of Antecedents and Outcomes of Organisational Ambidexterity	IMIB Journal of Innovation and Management	Sage Group Pub			e-ISSN: 2583-8326	
Prof. Karam Pal Narwal	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar	August 2024	Building the Empirical Puzzle on Impact of Macroeconomic Determinants on GST Revenue: An Empirical Investigation via ARDL Bound Test Perspective		Journal of Public Affairs'	24(3)	e-2947	E-ISSN-1479-1854 Print ISSN-1472-38	
Prof. Karam Pal Narwal	Karam Pal Narwal and Priyanka	April 2024	An Empirical Investigation on the Association between the Leverage of Indian Unicorn Firms and Their Financial Performance		Pacific Business Review	16(10), 98-106		ISSN: 0974-438X(P)	
Prof. Karam Pal Narwal	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar	January 2024	Application of Theory of Planned Behavior on Determinants of GST Compliance Behavior of GST Taxpayers: An Empirical Study from	Journal of Tax Reform		10(1), 134-148		ISSN-E: 2414-9497	
Prof. Karam Pal Narwal	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar	January 2024	Determinants of Direct Tax Revenue in India: An Empirical Study via Incorporating Conventional, Financial, Social and Economic Policy Factors	Journal of Commerce and Accounting Research'		13(3), 100-112		ISSN- 2277-2146	
Prof. Karam Pal Narwal	Karam Pal Narwal and Manisha Mani	January 2024	Exploring Agripreneurship: Pathways to Success in India's Agricultural Sector	International Journal of Research in Economics and Social Sciences'		14(1), 185-193		ISSN: 2249-7382	
Prof. Karam Pal Narwal	Karam Pal Narwal, and Mahak	December 2023	Efficiency of the Insolvency and Bankruptcy Code, 2016 and Other Recovery Strategies for NPAs in Indian Banks	Empirical Economics Letters'		22(12)57-64		ISSN- 1681-8997	
Prof.	Karam Pal	October	Evaluating Service Quality in the			8(7)		ISSN: 2455-0817	

Karam Pal Narwal	Narwal and Poonam Kaliraman	2023	Banking Sector: A Review of the SERVQUAL Model”, published in ‘Remarking an Analisation						
Prof. Karam Pal Narwal	Karam Pal Narwal and Poonam Kaliraman	September 2023	A Study on Relationship between E-Banking Service Quality, Female Customers Satisfaction and Loyalty”, published in ‘Innovation The Research Concept			8(8)		ISSN: 2456-5474	
Prof. Karam Pal Narwal	Karam Pal Narwal, Priyanka and Shubham Garg	November 2023	An Empirical Investigation on Financing Choice Descendants of Indian Start-ups” published in ‘Asia-Pacific Financial Markets’			30(4), pp 1-22		E-ISSN-1573-6946 Print ISSN-1387-2834	
Prof. Pardeep Gupta	Anju, Gupta, P.	2024	Customer Satisfaction with E-Service Quality Management Practices: A Comparative Study of Public Banks and Private Banks in India Risk	Educational Administration: Theory and Practices		30(4)	8401-8408	Yes	
Prof. Pardeep Gupta	Anju, Gupta, P.	2024	Management Practices in Indian Banking Sector – An Employees Perspective	World Journal of Innovative Research		16(5)	1-10		
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2023	Economic Sustainability of Organic Farming: An Empirical Study on Farmer's Prospective, Int. J. of Sustainable Agricultural Management and Informatics					E-ISSN- 2054-5827, Print ISSN- 2054-5819	
Prof. Sanjeev Kumar	Shubham Garg, Priyanka, K. P. & Kumar	2023	Goods and Service Tax and its Implications on Revenue Efficiency of Sub-National Governments: An Empirical Analysis, American Journal of Business					E-ISSN- 2067-3825, Print ISSN- 2067-2713	
Prof. Sanjeev Kumar	Shubham Garg, Narwal, K. P. & Kumar, S.	2023	GST Reforms and Its Economic Impact on Indian Economy: An Empirical Analysis with VAR Perspective. Orissa Journal of Commerce,					ISSN-0974-8482	
Prof.	Shubham	2023	Impact of Goods and Service Tax on			15(1), 17-28		E-ISSN- 2067-	

Sanjeev Kumar	Garg, K. P. & Kumar		state Revenue Efficiency: Empirical Evidence from Indian States, Review of Finance and Banking					3825, Print ISSN-2067-2713	
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2023	Implications of Goods and Service tax on Revenue Productivity of Indian States: A Panel Data Analysis, Pacific Business Review International			15(9), 95-108		ISSN- 0974-438X	
Prof. Sanjeev Kumar	Shubham Garg, Kumar P., & Kumar S	2023	Antecedents of Entrepreneurship Willingness among University Students: An Empirical Study, The IUP Journal of Entrepreneurship Development			20(1), 5-19			
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Ku mar	2024	Exploring the Determinants of Purchase Intention of Organic Consumers for Organic Food Items: An Exploratory Study in India. British Food Journal,			126(3), 1238-1258		Emerald: Scopus, ABDC-B, Web of Science	
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2024	Application of Theory of Planned Behaviour on Determinants of GST Compliance Behaviour of GST Taxpayers: AN Empirical Study from India. Journal of Tax Reforms						
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2024	Investigating the Compliance Behaviour of GST Taxpayers: An Extension to the Theory of Planned Behaviour, Journal of Public Affairs.						
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2024	An Impetus for the Research Paradigm of Determinants of Purchase Intention of Organic Food Consumers: Empirical Insight from India, Social responsibility Journal						
Prof. Sanjeev Kumar	Shubham Garg, Sanjeev Kumar & Karam Pal Narwal	2024	Determinants of Direct Tax Revenue in India: An Empirical Study via Incorporating Conventional, Financial, Social and Economic Policy Factors, Journal of Commerce and Accounting Research			13(3), 100-112			

Prof. Tika Ram	Shilpa Sardana and Tika Ram	2024	Exploring the Relationship Among the Determinants of Financial Well-Being (Chapter 11), in the book “Analect: Research Inputs in Sustainability, Technology, Entrepreneurship and Management		Arihant Books	pp. 139-153		ISBN- 978-81-19956-61-6	
Prof. Tika Ram	Poonam and Tika Ram	2024	Customer, Social, Business and Governmental Perspective of Online Gaming Influence on Risky Driving Behavior : A Systematic review of Literature (Chapter 17), in the book “Analect: Research Inputs in Sustainability, Technology, Entrepreneurship and Management		Arihant Books	pp. 214-224		ISBN- 978-81-19956-61-6	
Prof. Tika Ram	Pooja and Tika Ram	2024	A Bibliometric Analysis of Social Media, Int. J. of Indian Culture and Business Management			6 (1), 26-52		DOI: 10.1504/IJSCOR.2023.134467, (ISSN 1753-0814)	
Prof. Tika Ram	Shilpa Sardana and Tika Ram	2024	Investors’ Perception of Financial Planning for Financial Well-Being, International Journal of Banking, Risk and Insurance			pp. 31-40		doi: https://doi.org/10.21863/ijbri/2024.12.2.001	
Prof. Suresh Kumar Mittal	Shubham Jain and Suresh K. Mittal	2024	Exploring the research landscape of implied volatility index: A bibliometric analysis. Journal of Corporate Accounting & Finance			35(1), 325-336			
Prof. Anju Verma	Bansal, P., & Verma, A.	2024	Discussion on Who and What is Responsible for Workplace Violence Against Doctors and What It Does to The Medical Fraternity	International Journal of Commerce and Management Studies	IJCAMS	9(2)	26-30	No	
Prof. Anju Verma	Bansal, P., & Verma, A.	2023	Patient initiated violence on physicians: Bibliometric analysis	International Journal of Healthcare Management	Taylor & Francis		1-19	Yes SCOPUS	
Prof. Anju Verma	Anju Verma, Manpreet Kaur	2023	Organizational Attractiveness: Mapping the State of Research	Indian Journal of Natural Sciences (IJONS)	Tamil Nadu Scientific Research Organization	14(84)	66127-66140	No	2.742
Prof.	Anju Verma,	2024	Positive Emotions Remediate the	International Journal	International	41	106-119	Yes	

Anju Verma	Geetu		Communal and Exchange Relationships at the Workplace: An Empirical Investigation	of Experimental Research and Review (IJERR)	Academic Publishing House			SCOPUS	
Prof. Anju Verma	Anju Verma, Poonam Verma	2024	Indicators of Post Reform Growth in Insurance and Its Impact on Economy: Evidences Using ARDL Approach	The Journal of Insurance Institute of India	Insurance Institute of India	XI(3)	59-67	UGC-CARE	
Prof. Anju Verma	Anju Verma, Sonika	2023	A Study on Impact of Sustainable Human Resource Practices on Employee Retention	Journal of Management and Entrepreneurship	JME	XCIV(03)		UGC-CARE	
Prof. Anju Verma	Anju Verma, Sonika	2023	Impact of Sustainable Human Resource Practices on Employee Satisfaction	Change Management: An International Journal	Common Ground Journals and Books	23(2)	231-249	Yes SCOPUS	
Prof. Deepa Mangla	Soni, L. & Mangala, D.	2024	Exploring bankers' perceptions of the effectiveness of red flags in fraud detection: Evidence from Indian banking industry	Int. J. of Indian Culture and Business Management	Inderscience Publishers	accepted for publication on April 15, 2024		Yes Indexed in Web of Science: Emerging Sources Citation Index (Clarivate Analytics)	2024 0.7 (5 Year Impact Factor 0.8) JCI 0.14
Prof. Deepa Mangla	Goyal, P. & Mangala, D.	2024	Share Buyback Trend in India: A Study on the Nexus between Share Buyback Activity and Economic Indicators	Int. J. of Indian Culture and Business Management	Inderscience Publishers	accepted for publication on April 15, 2024		Yes Indexed in Web of Science: Emerging Sources Citation Index (Clarivate Analytics)	Impact factor (Clarivate Analytics) 2024 0.7
Prof. Deepa Mangla	Goyal, P. & Mangala, D.	2024	Impact of Corporate Governance and Traditional Motivations on Share Buyback Decision: A Tobit Regression Approach	Global Business and Economics Review	Inderscience Publishers	accepted on 7 March, 2024		Yes, Scopus	CiteScore 0.8 (2023)
Prof. Savita Ubba	Ubba Savita and Mayank Saini	2024	Exploring Buyer-Seller Relationships in Indian horticultural marketing: A focus on supermarket buyers.	Australian Journal of Agricultural and Resource Economics	Wiley	68(4)	1-19	Yes SCOPUS	
Prof. Savita Ubba	Ubba Savita, Madhuri Gandhi and Jyoti	2024	Role of Private Label Familiarity in Consumer Purchase Intention Towards Apparels	The IUP Journal of Brand Management	IUP Publications	21(1)	5-21		

Prof. Savita Ubba	Gupta Ashwerya and Ubba Savita	2024	Do eWOM and Brand Image Drive Purchase Intention of Online Travel Shoppers: A Case Study of Delhi - NCR,	Indian Journal of Marketing	Associated Management Consultants Pvt. Ltd.	54(3)	44-60	Yes SCOPUS	
Prof. Savita Ubba	Gupta Ashwerya and Ubba Savita	2023	How are eWOM Credibility and Purchase Intention InterRelated? A PLS-SEM Analysis	Purushartha- A journal of Management, Ethics and Spirituality	The School of Management Sciences in Varanasi	XVI (1)	93-101	Yes SCOPUS	
Prof. Savita Ubba	Ubba Savita and Jyoti Jhahhra	2024	Restaurant attributes and customer switching intention in casual dining restaurants: A mediation analysis,	Asian Journal of Management and Commerce	AkiNik Publications	5(1)	379-388		
Prof. Savita Ubba	Ubba Savita, Pratibha Bhardwaj, Himani Sharma and Pinki Rani	2023	Relationship Between Retail Service Quality Dimensions and Customer Satisfaction: A Study on Indian Hypermarket Shoppers	IUP Journal of Marketing Management	IUP Publications	22(4)	40-68		
Prof. Savita Ubba	Parul and Ubba Savita	2023	The emergence of Showrooming Behaviour in the New Retailing Era: A Literature Review	Communication and Management Journal	Emerald Group Publishing	8(10)	152-183	Yes SCOPUS	
Prof. Savita Ubba	Gandhi, Madhuri., Ubba, Savita., & Jyoti	2023	Effect of Consumer Value Perception on Consumer Purchase Intention: A Case of Private Label Apparels	Global Business Review	SAGE Publications			Yes SCOPUS	
Prof. Savita Ubba	Rani Pinki and Ubba Savita	2023	Conceptual Framework to Assess the Role of Customer in Forming Customer Loyalty	Communication and Management Journal	Emerald Group Publishing	8(10)	184-197	Yes SCOPUS	
Prof. Savita Ubba	Ubba Savita, Mayank Saini, Garima Chandana	2024	A closer look at farmers' participation in the supermarket supply chain using bibliometric and content analyses	Journal of Agribusiness in Developing and Emerging Economies	Emerald Group Publishing	14(3)	455-469	Yes SCOPUS	
Prof. Dalbir Singh	Purvashi Thakur, Dalbir Singh and Vinod Kumar	2024	Unlocking Job Satisfaction: Unveiling the Power of Procedural Justice and the Mediating Influence of Employee Silence.	Manthan: Journal of Commerce and Management	Journal Press India	11(2)	46-61	No	-
Prof. Dalbir	Vinod Kumar and	2023	Lessons from the Bhagavad Gita are all around us: Evidence from India's	Journal of Economics, Finance and	ISSN: 2644-0490(Print)	06 (08)	4043-4047	No	-

Singh	Dalbir Singh		Largest Farmers' Protest.	Management Studies	2644-0504 (Online				
Prof. Himani Sharma	Ms. Divya Jain and Dr. Himani Sharma	2024	Snapshot of Digital Transformation from the Perspective of Human Resource Management: A Bibliometric Approach	Business Process Management Journal	Emerald Publishing Limited	30 and 3	726-753	Scopus	4.5
Prof. Himani Sharma	Ms. Richa Goyal, Dr. Himani Sharma and Ms. Aarti Sharma	2024	Can HERO help in Employee Engagement? A Systematic Review and Meta-Analysis	Journal of Indian Business Research	Emerald Publishing Limited	16 and 2	287-307	Scopus	2.5
Prof. Himani Sharma	Pratibha Bhardwaj, Uba Savita, Himani Sharma and Pinki Rani	2023	Relationship between Retail Service Quality Dimensions and Customer Satisfaction: A Study on Indian Hypermarket Shoppers	The IUP Journal of Marketing Management	IUP Publications	22 and 4	40-67	No	-
Prof. Himani Sharma	Ms. Richa Goyal, Dr. Himani Sharma and Ms. Aarti Sharma	2023	A Thorough examination of Organization's from an Ethical viewpoint: A Bibliometric and Content Analysis of Organizational Virtuousness Studies	Business Ethics, the Environment & Responsibility	Wiley	33 and 1	129-144	Scopus	2.1
Prof. Himani Sharma	Ms. Kashish Madaan and Dr. Himani Sharma	2024	Linking Empowering Leadership to Employee Work Behaviours in the Hospitality Context: Role of Harmonious Work Passion as a Mediator	Journal of Human Resources in Hospitality & Tourism	Routledge Taylor and Francis Group	23 and 3	531-560	Scopus	2.84
Prof. Himani Sharma	Ms. Richa Goyal, Ms. Neha Sheoran and Dr. Himani Sharma	2023	Can mindfulness be an alternative for servant leadership? A well-being perspective	Business Perspectives and Research	Sage	12 and 2	1-16	Scopus	2.4
Prof. Himani Sharma	Ms. Neha Sheoran, Ms. Richa Goyal and	2023	Proactive Personality and Employee Engagement: The Mediating Role of Employee Voice	FIIB Business Review	Sage			Scopus	2.5

	Dr. Himani Sharma								
Dr. Mani Shreshtha	Shweta. & Shreshtha, M.	2024	Unveiling the e-shopper's impulse: A literature review of online impulse buying.	Communication and management journal	Editions ESKA	9(4)	512-537	Yes	-
Dr. Vandana Singh	Vaishali & Vandana Singh ISSNA 0976 9218	(Jan, 2024)	Organizational Learning and Job Attitudes: A Meta-Analytical Approach	Indian Journal of Psychological Science	National Association of Psychological Science	Vol-18, No-1	150-160	Yes	
Dr. Vandana Singh	Vaishali & Vandana Singh	(Jan-June, 2024)	Workforce Agility during Pandemic Situation: A Systematic Literature Review and Bibliometric Analysis.,	Gurugram University Business Review,	Gurugram university	Vol. 4, No-1	11-20	No	
Dr. Vandana Singh	Neha Gupta & Vandana Singh,	(Sep. 2023)	Examining Job Embeddedness across demographics in India	International Journal of Research in Social Sciences		Vol. 13, No. 9,	64-80	No	
Dr. Vandana Singh	Vandana Singh & Deepika Ahuja,	(July 2023)	Influence of Spirituality on Organizational Commitment and role of demographics: A PLS-SEM Analysis	The IUP Journal of Organizational Behavior		Vol. 22 (3),	34-63	UGC Care List 1	
Dr. Nidhi Turan	Mohini Mehta, Himani Sharma and Nidhi Turan	2024	"Influence of Factors Determining Working Capital Requirement: Evidence from Listed Textile Industry in India"	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management	Arihant Publications		27-42	No	
Dr. Nidhi Turan	Divya Jain, Himani Sharma and Nidhi Turan	2024	Synthesizing Leadership Philosophies in the Era of Digital Transformation: A Bibliometric and Content Analysis	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management	Arihant Publications		257-269	No	
Dr. Sangeeta Mittal	Dr. Sangeeta Mittal	2024	Nexus Between Corporate Governance and Bank Stability: An Empirical Study on Banking Sector in India	Global Business and Economics Review					
Dr. Suresh	Dr Suresh Kumar	2024	Effects of employee participation on employee motivation	International Journal of Engineering		Volume 11, Issue 2,	37-50	No	7.09

Kumar Bhaker	Bhaker			Research & Management Technology		April 2024			
Dr. Suresh Kumar Bhaker	Dr Suresh Kumar Bhaker	2024	How sustainable HRM Affects Organizational Performance?: A Review and Research Agenda	International Journal of Creative Research thoughts		Volume 12, Issue 4, April 2024	h514-526	No	
Dr. Suresh Kumar Bhaker	Dr Suresh Kumar Bhaker	2024	A Review on the Relationship between Metaverse and Employee Training	International Journal of Arts & Education Research		Volume 13, Issue 2	142-152	No	7.06
Dr. Suresh Kumar Bhaker	Dr Suresh Kumar Bhaker	2024	Impact of CSR Initiative on Employee Outcomes: A Review	International Journal of Engineering Research & Management Technology		Volume 11, Issue 2	51-63	No	7.09
Dr. Monika	Riya Singla, Himani sharma and Monika	2024	Decoding Diversity at Workplace: Insights from Literature	Analect	Arihant Publication		381-392	No	---
Dr. Mani Shreshtha	Shweta. &Shreshtha, M.	2024	Unveiling the e-shopper's impulse: A literature review of online impulse buying.	Communication and management journal	Editions ESKA	9(4)	512-537	Yes	-
Dr. Vanita Ahlawat	Geeta and Vanita Ahlawat	2024	A systematic review of beekeeping and its constraints in India	European economic letter		Vol. 14 and Issue 2	2323-5233		
Dr. Vanita Ahlawat	Sneh lata and Vanita Ahlawat	2024	Growth and Instability Analysis of Export direction of Indian Floriculture sector	Research Journal of Agricultural Sciences		Vol. 15 Issue 13	814-817		
Dr. Vijender Pal Saini	Poonam, Ravinder, Vijender	2024	Foreign Influence Economic Growth of BIMSTEC: ACMM approach	Orisa Journal of commerce		44, (4)	1-14	no	
Dr. Vijender Pal Saini	Vijender Pal Saini, Ashok Kumar	2024	Unravelling influential factors of customers, online shopping intention and Behaviour from UTAUT framework	Journal of Management and entrepreneurship	17(4)			no	

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Dr. H.Bansal		5	5		1	1
Dr. Karam Pal Narwal	2	2	4	2	2	4
Dr. M.C. Garg						
Dr. Pardeep Gupta	1			1		
Dr. Tika Ram	1			5		
Dr. Khujan Singh						
Dr. Anju Verma	02		02	03		03
Dr. Deepa Manala	1				3	
Dr. Ubba Savita	01		01	07		07
Dr Dalbir Singh	01		01	05		05
Dr. Himani Sharma			01	02		02
Dr Shveta Singh				2		
Dr. Rajiv Kumar	5	5		5	5	
Dr. Mani Shreshtha	1			1		1
Dr. Vanita Ahalawat					2	
Dr Vandana Singh	2			4		
Dr. Nidhi Turan		1		2		
Dr. Sangeeta Mittal	01		01	04		04
Dr. Vijender Pal Saini	2		2	2		2
Dr. Suresh Kumar Bhaker	01		01	02		02
Dr. Monika	1		1	1		1

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Durat-ion	Funded by UGC/ DST CSIR/ AICTE/ Univ./etc
Prof. B.K. Punia	Antecedents and Outcomes of Academic Psychological Capital: A Comprehensive Review	International Conference on 'Sustainability, Technology, Entrepreneurship and Management (STEM-2024)	Haryana School of Business, GJUST, Hisar	Hisar	29-March 01, 202429	
Prof. B.K. Punia	Valedictory Address in "5 Days Faculty Development Programme" on "Quality and Technology Enhancement in Teaching & Research (QTETR-2024)		Om Sterling Global University, Hisar	Hisar	February 02, 2024	
Prof. B.K. Punia	Key Note Address in "ICSSR Sponsored 2 days National		School of Business	Morada-bad	December 8-9, 2023	

	Seminar” on “Prospects of India towards Economic Integrity of G20: Current Landscape and Future Possibilities		Management, IFTM University, Moradabad			
Prof. B.K. Punia	Unleashing the Power of Ethical and Charismatic Leadership on Turnover Intention: Does the Mediating Role of Affective Commitment Matters? paper presented in 3rd Pritam Singh Memorial (PRISM) Conference-2023		Birla Institute of Management Technology (BIMTECH), Greater Noida	Greater Noida	November 17-19, 2023	
Prof. Karam Pal Narwal	An Empirical Investigation on Determinants of Capital Structure of Indian Unicorns” accepted and presented in International Conference on Sustainability, Technology, Entrepreneurship, Management (STEM-2024)		Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar	Hisar	29 February-01 March 2024	
Prof. Pardeep Gupta	Understanding the importance of Employees savings attitude for retirement planning	Sustainability, Technology, Entrepreneurship, Management (STEM) - 2024	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Tika Ram	Presented paper entitled “Farmers’ Orientation regarding the PMVY (Parampargat Krishi Vikas Yojna) Scheme in Adoption of Organic Farming in Haryana” in International Conference on	Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Tika Ram	Presented paper entitled “Unravelling the impact of advertising on Tobacco and Alcohol Consumption: A Bibliometric Analysis” in International Conference	Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Tika Ram	Presented paper entitled “Literature Review on Circular Economy and Sustainable Business Performance” in International Conference	Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Tika Ram	Presented paper entitled “Customer, Social, Business and Governmental Perspective of Online Gaming Influence on Risky Driving Behavior : A Systematic review of Literature” in International Conference	Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Tika Ram	Presented paper entitled “Exploring the Relationship	Sustainability, Technology,	Haryana School of Business,	Hisar	29 Feb. – 1 March,	University

	among the Determinants of Financial Well-Being” in International Conference	Entrepreneurship, Management (STEM-2024)	GJUS&T, Hisar		2024	
Prof. Suresh Kumar Mittal	The Role of Green Finance in Achieving Sustainability: A Comprehensive Review presented in the International Conference)	Sustainability, Technology, Entrepreneurship, Management (STEM-2024	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Suresh Kumar Mittal	Assessing the Effectiveness of Government Initiatives in Fostering the Growth and Innovation in MSMEs and Startups – A comprehensive Literature Review presented in the International Conference	Sustainability, Technology, Entrepreneurship, Management (STEM-2024	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Suresh Kumar Mittal	How Fintech Innovation and Block Chain Technology are Reshaping Traditional Banking: A Systematic Review presented in the International Conference	Sustainability, Technology, Entrepreneurship, Management (STEM-2024	Haryana School of Business, GJUS&T, Hisar	Hisar	29 Feb. – 1 March, 2024	University
Prof. Suresh Kumar Mittal	Emerging Options in Portfolio Diversification: A Review of Cryptocurrency and Mutual Funds presented in the International Conference	Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Haryana School of Business, GJUS&T, Hisar	Hisar	February 29-March 01, 2024	University
Prof. Anju Verma	Gender Discrimination and Turnover Intention: A Systematic Literature Review	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	
Prof. Anju Verma	Redefining Web usability: A Bibliometric Analysis (1994-2024)	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	
Prof. Anju Verma	Exploring the Dynamics of Emotions and Emotional Climate	International Conference on Holistic Approaches to Achieving Planetary Resilience: Integrating Social Environmental and Economic Solutions	New Delhi Institute of Management, India, SECC, India and StartUp First Institute, Bhutan	New Delhi	20-25 May 2024/6 Days	
Prof. Ubba Savita	Beyond the Mandis: Investigating Farmers’ Perception of Supermarkets in Haryana	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Prof. Ubba Savita	A Thorough Examination of Pop-up Retail Dynamics through SLR	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Prof. Ubba Savita	Understanding the Role of Consumer Related Factors in Determining Showrooming	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2	University

	Intention via Literature Review				Days	
Prof. Ubba Savita	Systematic Insights: Antecedents and Outcomes of Customer Engagement- A Comprehensive Literature	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Prof. Ubba Savita	A Bibliometric Analysis on Employee Empowerment	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Prof. Ubba Savita	Unraveling the Dimensions and Outcomes of Customer Experience in Omni-Channel Banking	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Prof. Ubba Savita	Mediating Role of Perceived Risk in Between Brand Familiarity and Purchase Intention: Study of Private Labels	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Dr. Dalbir Singh	International Conference on Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	International Conference on STEM	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Dr. Dalbir Singh	International Conference on Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Challenges of Women Start-ups: A Literature Review.	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Dr. Dalbir Singh	International Conference on Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	A Review on Consumer Ethical Issues in Digital Marketing.	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Dr. Dalbir Singh	International Conference on Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Factors Affecting Recycling Intention: A Literature Review	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Dr. Dalbir Singh	International Conference on Sustainability, Technology, Entrepreneurship, Management (STEM-2024)	Effects of Employee Silence on Employees' Work Outcomes: A Review.	HSB, GJUST	Hisar	Feb. 29- March 01, 2024/2 Days	University
Prof. Himani Sharma	A Bibliometric Analysis on Employee Empowerment	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management	HSB	HSB	February 29-March 01, 2024/02 days	GJUS&T, Hisar
Prof. Himani Sharma	Decoding Diversity at Workplace: Insights from Literate Workplace Ostracism: Examining its Impact Across Demographic Properties of Indian Sample	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management	HSB	HSB	February 29-March 01, 2024/02 days	GJUS&T, Hisar
Prof. Himani Sharma	Synthesizing Leadership Philosophies in the Era of Digital Transformation: A Bibliometric and Content Analysis	STEM-International Conference on Sustainability, Technology, Entrepreneurship	HSB	HSB	February 29-March 01, 2024/02 days	GJUS&T, Hisar

		and Management				
Dr Mani Shreshtha	Applications of Artificial Intelligence in Marketing	International Conference on Sustainability, Technology, Entrepreneurship, Management	Haryana School of Business	Hisar, India	Feb 29-March 1, 2024	GJUS&T, Hisar
Dr. Vandana Singh	Antecedents of Cyber loafing	International Conference Innovative Technologies Applications Reshaping Modern Business (ITARMB-2024)	KUK	Kurukshetra	15-16 March 2024,	ICSSR
Dr. Vandana Singh	Literature on relationship between cultural intelligence and cross-cultural adjustment	International Conference on STEM	HSB, GJUS&T, Hisar		February 29-March 01, 2024	University
Dr. Vandana Singh	Cyber loafing: Literature Revisited	International Conference on STEM	HSB, GJUS&T, Hisar		February 29-March 01, 2024	University
Dr. Vandana Singh	Upskilling & Reskilling in changing Business Scenarios: Literature Review	International Conference on STEM	HSB, GJUS&T, Hisar		February 29-March 01, 2024	University
Dr. Nidhi Turan	Influence of Factors Determining Working Capital Requirement: Evidence from Listed Textile Industry in India	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management	Haryana School of Business, GJUS&T	Hisar	Feb. 29-March 01,2024	GJUST
Dr. Nidhi Turan	Synthesizing Leadership Philosophies in the Era of Digital Transformation: A Bibliometric and Content Analysis	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management	Haryana School of Business, GJUS&T	Hisar	Feb. 29-March 01,2024	GJUST
Dr. Vanita Ahlawat	Empowering Sustainable Agriculture: Analyzing the Growth of Solar Pump Installation	STEM- 2024	HSB, GJUST	Hisar, Haryana	Feb. 29 and Mar. 1, 2024	Hisar
Dr. Vanita Ahlawat	Problems and Prospects of Apiculture in Haryana: A Review	STEM- 2024	HSB, GJUST	Hisar, Haryana	Feb.29 and Mar.1, 2024	Hisar
Dr. Vanita Ahlawat	A study of non-performing assets in agriculture credit in Haryana	ICSSR sponsored international conference ITARMB-2024	Management Department,	KUK	16 march 2024	
Dr. Vanita Ahlawat	AI is new era in Agriculture	ICSSR sponsored international conference ITARMB-2024	Management Department,	KUK	16 march 2024	
Dr. Vanita Ahlawat	The role and factors influencing Agriculture loans in Haryana Provided by Scheduled commercial banks	Third virtual international conference	Department of Economics	University of Nigeria	Feb.7-8, 2024	

Dr. Sangeeta Mittal	A Literature Review on Capital Structure	Sustainability, Technology, Entrepreneurship, Management	HSB, GJUS&T	Hisar	Feb 29-March 01,2024	
Dr. Sangeeta Mittal	Microfinance Unveiled : An In-depth exploration of Concepts and Roles through Comprehensive Literature Review	Sustainability, Technology, Entrepreneurship, Management	HSB, GJUS&T	Hisar	Feb 29-March 01,2024	
Dr. Sangeeta Mittal	Fixed Income ETF'S in India: Growth and Opportunity Prospects	Sustainability, Technology, Entrepreneurship, Management	HSB, GJUS&T	Hisar	Feb 29-March 01,2024	
Dr. Sangeeta Mittal	Dividend Policy -A Literature Review	Sustainability, Technology, Entrepreneurship, Management	HSB, GJUS&T	Hisar	Feb 29-March 01,2024	
Dr. Suresh Kumar Bhaker	Impact of Employee Participation on Employee Commitment	International Conference on STEM	HSB, GJUS&T	Hisar	29 Feb-01 Mar 2024	
Dr. Suresh Kumar Bhaker	Literature review on Organization Citizenship Behaviour	International Conference on STEM	HSB, GJUS&T	Hisar	29 Feb-01 Mar 2024	
Dr. Monika	Decoding Diversity at Workplace: Insights from Literature	STEM-International Conference on Sustainability, Technology, Entrepreneurship and Management.	Haryana School of Business	Hisar	Feb. 29-March 01, 2024	GJUS&T

(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.
Prof. H. Bansal	Exposing Online Shopping: A Dent on Consumer Trust	MERC 2024	IIM Kashipur	Kashipur	May 20-June 01, 2024	Not funded
Prof. Deepa Mangala	Why do firms buyback shares? Evidence from India	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 29-March 1, 2024	GJUS&T, Hisar
	Examining red flags' effectiveness in assessing internal frauds: Evidence from Indian banking industry	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 29-March 1, 2024	GJUS&T, Hisar
	Factors affecting audit quality: An Indian perspective	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 29-March 1, 2024	GJUS&T, Hisar
Dr. Dalbir Singh	Chaired Technical Session in the International Conference Sustainability, Technology, Entrepreneurship, Management		HSB, GJUS&T, Hisar	Hisar	Feb 29-March 1, 2024	GJUS&T, Hisar
	Chaired Technical Session in the International Conference on "Global Synergy Summit-		JCVD Institute and Business Management,		26th February 2024	

	Bridging the Discipline in Management, Research, Science, Engineering, Education and Humanities		Sirsa			
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(d)Regional/ State Level Conferences/ Seminars/ Workshops: Nil.

(e) Refresher Courses/ Orientation Courses:

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./ HRDC	Place	Dates/ Duration
Dr. Nidhi Turan	NEP orientation & Sensitization Program-1	GJUS&T, Hisar	MMTTC	Online	13 Dec 2023-21 Dec 2023
Dr. Sangeeta Mittal	NEP Orientation & Sensitization Programme-V	Malaviya Mission Teacher Training Center, GJUS&T		Hisar	23 April, 2024 to 02 May, 2024.
Dr. Monika	NEP orientation & Sensitization Program-1	GJUS&T, Hisar	MMTTC	Online	13 Dec 2023-21 Dec 2023
Dr. Monika	Online FIP	Shri Ram College of Commerce, University of Delhi	MMTTC, Shri Ram College of Commerce, University of Delhi	Online	18 June 2024-15 July 2024
Dr Vanita Ahlawat	Research Methodology & Data Analysis	Malaviya Mission Teacher Training Center, GJUS&T	GJUS&T	GJUST	14-Sep-2023 to 27-Sep-2023
Dr. Vijender Pal Saini	NEP orientation & Sensitization Program-1	UGC MMTTC	MMTTC	Online	04 Jan. 2024 to 12 Jan. 2024
	Research Methodology and Academic	UGC HRDC	BPSMV	Online	01 Dec. 2023 to 14 Dec. 2023

(f) National/International Webinars Attended : Nil.

(g)Total number of Refresher/ Orientation Course/Webinar attended:

- i) Refresher Course :
- ii) Orientation Course :
- iii) Webinar :
- iv) Total :

**(XIII) Association with National and State Level Bodies
(Give Faculty-wise details):**

Name of Teacher	Membership of Professional Bodies	Member of Expert Committees	Member of Academic Bodies of other institutions	Any Other
Prof. Pardeep Gupta	Member of Indian commerce association	Convener, Review of Literature Evaluation Committee 2024 for Ph. D. Students	Member, Academic Committee, HSB, GJUST, HISAR	Member, DRC HSB, GJUST HISAR
	Member of Indian economic			Member, faculty BOS&R HSB, GJUST HISAR

	association			
				Member GJUSTA, GJUST, HISAR
				Member, Discipline Committee HSB, GJUST, HISAR
				Member, group Admission in MBA
				Member, HSB research quality Assurance Committee
				Member, Peer Review Committee for review of papers
				Member, Rapporteur Committee in HSB International Conference
				Vetted Lessons for Distance Education programme
Prof. Anju Verma	Member, Staff Council, HSB, GJUST, Hisar		Outside Expert for UG and PGBOS for SDMS (SFMSR) at Shri Vishwakarma Skill University, Gurugram.	Convener, Banners Committee for 11th Inter Zonal Youth Festival-2023 held on Oct. 28-29, 2023.
	Member, Department Research Committee (DRC), HSB, GJUST, Hisar		Outside Expert, UGBOS for Deptt. of Commerce at BPSMV, Khanpurkalan, Sonapat.	Convener, HSB Attendance & Parents Teacher Interaction Committee, HSB
	Member, Board of Studies (BOS), HSB, GJUST, Hisar			Convener, HSB Lab Coordination Committee, HSB
	Member, GJUTA, GJUST, Hisar			Member, HSB Counselling & Motivation Committee, HSB
				Member, HSB Statutory Compliance Committee (For NAAC, UGC, NIRE, AICTE & NBA etc.)
				Member, HSB Staff Grievances Redressal Committee
				Member, DSGRC for the department of Physiotherapy for the session 2023-24 and 2024-25
				Member, HSB Documents Verification Committee for admission to MBA & M Com Programmes for AS 2024-25, HSB, GJUST, Hisar.
				Member, HSB Counseling & Motivation Committee, GJUST, Hisar.
				Member, DSGRC for the department of Physiotherapy for the

				session 2023-24 and 2024-25.
Prof. Dalbir Singh	Director, public Outreach and Social Media		Outside Expert, UGBOS for Deptt. of Commerce at BPSMV, Khanpurkalan, Sonipat.	
	Dean, Sports		Outside Expert, UGBOS for Deptt. of Commerce at CRSU, Jind	
	Member, Staff Council, HSB, GJUST, Hisar		Outside Expert, UGBOS for Deptt. of Commerce at CDLU, Sirsa	
	Member, Department Research Committee (DRC), HSB, GJUST, Hisar			
	Member, Board of Studies (BOS), HSB, GJUST, Hisar			
	Member, GJUTA, GJUST, Hisar			
Prof. Deepa Mangla				Member Board of Undergraduate Studies, Department of Management, CRSU, Jind.
Prof. Ubba Savita	Member, Staff Council, HSB, GJUST, Hisar.		Member Faculty Board, Department of Management, Department of Commerce and Department of Economics, Chaudhary Bansi Lal University, Bhiwani	Member, Committee for necessary amendment regarding Dean, research and Development and Dean International Relations in the Statue of University Act, 1995
	Member, Department Research Committee (DRC), HSB, GJUST, Hisar		Member, Adhoc Postgraduate Board of Studies & Research of Department of Management, Chaudhary Bansi Lal University, Bhiwani	Member, Admission Committee for PhD admission (Winter term 2024) HSB, GJUST, Hisar
	Member, Board of Studies (BOS), HSB, GJUST, Hisar			Convener, Departmental Level Anti eve-teasing Committee of HSB
	Member, GJUTA, GJUST, Hisar			Member, HSB Documents Verification Committee for

				admission to MBA & M Com Programmes for AS 2024-25, HSB, GJUS&T, Hisar
				Member, Group Discussion Committee for Admission in MBA Programme for Session 2023-24
				Convener, Review of Literature Evaluation Committee 2024 for PhD students
				Member, HSB, Research Quality Assurance Committee
				Convener, Stage Coordination Committee, HSB 1st International Conference on STEM held on Feb. 29-March 01, 2024
				Member, Peer Review Committee for review papers to be included in Analect: Research Inputs in Sustainability, Technology, Entrepreneurship and Management, an Edited Book for HSB 1st International Conference STEM held on Feb. 29-March 01, 2024
				Member, Member, Proctorial Board Committee of GJUST for the session 2023-24
				Quizmaster for Final Quiz in 11th Inter Zonal Youth Festival-2023 held on Oct. 28-29, 2023.

(XIV) Detail of Consultancy Project/ Work in Department: Nil.

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail)**

Name of Teacher	Type	Topic/ Subject	Institution	Dates
Prof. Pardeep Gupta		Chaired Technical Session	HSB, GJUS&T, Hisar	29 Feb. – 1 March, 2024.
Prof. Tika Ram		Delivered invited Lectures (02) in Five-Days Workshop on Research Methodology for Social Sciences	University Centre for Outreach Programs and Extension, Chaudhary Devi Lal University, Sirsa on 24.08.2023.	August 21, 2023 to August 25, 2023
		Delivered invited Lectures (02) in UGC sponsored Two-weeks online Short Interdisciplinary Refresher Course on 'Research Methodology & Data Analysis	MMTTC,, GJUST, Hisa	September 14 to 27, 2023
		Delivered invited Lectures (02) in UGC sponsored one-week Interaction programme for Ph.D Scholars (February 08 - 14, 2024)	MMTTC, GJUST, Hisar	09.02.2024

		Delivered invited Lectures (02) in the One Week Research Workshop on Research Methodology (April 22-26, 2024)	MDU Rohtak	24.04.2024
		Delivered invited Lectures (02) in Interaction Programme for PhD Scholars (Offline) (June 03 - 08, 2024)	MMTTC, GJUST, Hisar	04.06.2024
		Delivered invited Lecture (01) in Interdisciplinary Refresher Course on Research Methodology for Social Sciences (Online) [10.06.2024 to 22.06.2024]	MMTTC,	12.06.2024
Prof. Dalbir Singh	Extension Lecture	Delivered lecture on Research Promotion via Social Network on 24-07-2023 in One week multidisciplinary University level workshop on Qualitative and Quantitative Research Methods and Techniques	the University Research Cell, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, Haryana.	24-07-2023
Dr. Mani Shreshtha	Extension lectures	NEP theme Skill Development in UGC sponsored 8 Days Online (Live Mode) "NEP Orientation & Sensitization Programme-7"	MMTTC,	2-May-2024
		NEP theme Skill Development in UGC sponsored 8 Days Online (Live Mode) "NEP Orientation & Sensitization Programme-5"	MMTTC,	

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Karampal Narwal	Director, CIIP	
2	Prof. V.K. Bishnoi	Director, HSB and Chairperson, Dept. of Geography	
3	Prof. Pardeep Gupta	Member – Admission Committee	
4	Prof. Sanjeev Kumar	Dean of Colleges	
5	Prof. Khujan Singh	Director of Distance Education	
6	Prof. Anju Verma	HSB Research Review-A Bi-annual Peer Reviewed Refereed Journal of Haryana School of Business, GJUST, Hisar	Oct. 3, 2019 till date
7	Dr. Deepa Mangala	Chairperson, Women Cell	29-5-2023 to till date(except during the period of CCL)
8	Dr. Ubba Savita	Editor, HSB Research Review-A Bi-annual Peer Reviewed Refereed Journal of Haryana School of Business, GJUST, Hisar	Oct. 3, 2019 till date
		Chairperson, Women Cell	21-11-2023 to 16-05-2024
9	Dr Dalbir Singh	Director Public Outreach and Social Media	Present
		Dean, sports	

		Programme Coordinator MBA Business Analytics	Present
10	Prof. Rajiv Kumar	Dean And Chairperson, Department of Law	Present
		Coordinator NCC, SBSB, MAC	
11	Dr. Himani Sharma	Director Cultural Affairs	September 11, 2023 till date
		Programme Coordinator of MBA General HSB	1st August, 2022 till date
12	Dr Mani Shreshtha	Program Coordinator MBA (Marketing)	2017 till date
13	Dr. Nidhi Turan	Program Coordinator	24 June 2024- 6 July 2024
		Convener, Stage announcement Committee	Oct. 2023
		Center Superintendent	Dec. 2023 and May 2024
14	Dr. Vijender Pal Saini	Programme Coordinator MBA-IB	Present

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	175	31
Placement	144	31

(Lists Attached)

- **Note :- Please attach a list of companies along with number of students for training and placement with dates, etc..**

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of Teacher	Name of the Event	National/International	Number of participants	Dates/ Duration
Dr. Vanita Ahlawat	HSB 15 th Annual National Conference on Business and Management	National	120	Feb 09-10, 2023
	International Conference Organized	Sustainability, Technology, Entrepreneurship, Management		Feb.29 and Mar.1, 2024

ii. Extension lecture: Nil.

iii. Students tour : Nil.

iv. Industry interaction programmes:

Name of Teacher	Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
Dr. Vandana Singh	Interactive Session on- How to Run a Successful Hospital organized for MBA Healthcare Program	Shantidevi GI Institute, Hisar (Haryana)	20	2.4.24
Dr. Vandana	Interactive Session on	Sukhda Multispecialty	20	13.10.23

Singh	Hospital Administration	Hospital, Hisar (Haryana)		
Dr. Vanita Ahalawat	Baddi Himachal Pradesh, Nearby industrial area	45	1 day	3rd November 2023

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Prof. Sanjeev Kumar	Goods and Service Tax and its Implications on Revenue Efficiency of Sub-National Government in India: An Empirical Analysis		Achieved Silver award in ICAI International Research Award	2023
Prof. Sanjeev Kumar	"Implication of Goods and Service Tax on Revenue Productivity of Indian State: a Panel Data Analysis		Achieved Silver award in ICAI International Research Award	2024

(XXI) Any other important Information/ Achievement of the Department:

On-Campus Placement Companies :

- | | |
|------------------------------------|------------------------------------|
| 1 Aditya Birla Capital Limited | 17 Justdial Pvt. Ltd. |
| 2 Bajaj Allianz Life Insurance | 18 Lakshya Food (India) Limited |
| 3 Bajaj Finance | 19 LAVA International Limited |
| 4 Berger Paints India Ltd. | 20 Mantra E-Bike |
| 5 Check Check Services | 21 Pragati Pack (India) Pvt. Ltd |
| 6 Flipkart Pvt. Ltd. | 22 Prama Hikvision India Pvt. Ltd. |
| 7 Geetanjali Homestate Pvt Ltd | 23 Quadricle Design Studio |
| 8 Gujarat Gas Limited | 24 Realty Smartz |
| 9 HDFC Asset Management Co Ltd. | 25 SAAR EDUCATION (I) PVT LTD |
| 10 HDFC Bank | 26 Sakata India Pvt. Ltd. |
| 11 HDFC Life Insurance | 27 Sigma Group |
| 12 ICICI Prudential Life Insurance | 28 SRVA Education Pvt. Ltd. |
| 13 IndiaMart | 29 Star Health Insurance Pvt Ltd |
| 14 IndusInd Bank | 30 Tex Corp Pvt. Ltd. |
| 15 Insurance Dekho | 31 Varun Beverages Ltd. |
| 16 Jindal Industries Pvt. Ltd. | |

Summary of Research Publications:

Total Books Published (Chapter)	Books published with International publisher (Chapter)	Books published with National publisher (Chapter)	-
20	04	16	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
101			5.5
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
Total number of funded research projects	Completed	Ongoing	-
190	47	19	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
16	47	19	

DEPARTMENT OF HINDI

(I) NAME : HINDI

(II) Year of Establishment : 2019

(III) (a) State the vision of the Department:

गुरु जंभेश्वर वज्ञान एवं प्रौद्योगिकी विश्व विद्यालय, हिसार का हिंदी विभाग, भाषा की उन्नति एवं विकास के लिए कृतबद्ध है। यह विभाग हिंदी के व्यापक प्रचार-प्रसार में निरंतर गतिमान है। वर्ष 2019 से स्नातकोत्तर हिंदी की कक्षाओं से प्रारंभ हुए इस विभाग ने उत्तरोत्तर विस्तार करते हुए वर्ष 2021 में पीएच.डी. विभाग स्थापित कर अपने लक्ष्य को प्राप्त किया। विभाग में सत्र 2024-25 से स्नातकोत्तर की सीटें 40+5 से बढ़ाकर 50+5 सुनिश्चित की गई हैं। साथ ही विश्व विद्यालय में हिंदी से इतर स्नातक स्तर के अन्य वर्षों में भी हिंदी को वैकल्पिक आधार पर क्रेडिट कोर्स के रूप में अध्ययन की सुविधा यह विभाग प्रदान कर रहा है। स्नातकोत्तर हिंदी का पाठ्यक्रम विश्व विद्यालय अनुदान आयोग के नियमों के अनुसार निर्धारित किया गया है। यहां विश्व विद्यालयी शैक्षिक वातावरण में साहित्यिक दृष्टिकोण से विद्यार्थियों को शोध के अवसर भी प्रदान करवाए जा रहे हैं। अनेकानेक पुस्तकों से सुसज्जित पुस्तकालय की सुविधा भी उपलब्ध है ताकि विद्यार्थी अध्ययन की दिशा में नए प्रतिमान स्थापित कर सकें। विद्यार्थियों के ज्ञान में वृद्धि करते हुए समय-समय पर विभाग द्वारा विभिन्न पाठ्यचर्चा, संगोष्ठी, काव्य गोष्ठी, साहित्यिक गोष्ठी, सम्मेलन एवं भाषा कार्यशाला का आयोजन अधगम को प्रभावशाली बनाने के उद्देश्य से किया जाता है। ज्ञान-विज्ञान की शाखाओं के साथ भाषा का ज्ञान विद्यार्थियों को संवेदनात्मक, रचनात्मक, आलोचनात्मक और ववेकशील बना सके, इसी के दृष्टिगत यह विभाग हिंदी भाषा की प्रगति की ओर निरंतर अग्रसर है।

(b) State the mission of the Department:

- साहित्य के विद्यार्थियों में भाषा कौशल लेखन और संप्रेषणीयता का गुण विकसित करना।
- हिंदी के अध्ययन-अध्यापन द्वारा नैतिक मूल्यों की शिक्षा देना।
- हिंदी भाषा के प्रति छात्र-छात्र में सुरुच उत्पन्न करना।
- छात्र-छात्र की साहित्यिक प्रतिभाओं को निखारना।

- स्नातकोत्तर एवं पीएच डी० स्तर पर गुणवत्तापूर्ण शिक्षा प्रदान करना ।
- हिंदी विषयक कार्यशालाओं व्याख्यानो एवं संगोष्ठियों का आयोजन करना ।
- भाषा के वदया र्थियों के आलोचनात्मक ववेक एवं रचनात्मक क्षमता को वक सत कर उन्हे साहित्यिक शोध की ओर अग्रसर करना ।
- नई शिक्षा नीति के अनुरूप हिंदी के प्रचार-प्रसार एवं उन्नयन में योगदान देना ।

(c) State the objective of the Department:

(As resolved by Staff Council)

- छात्र-छात्राओं को पूरे पाठ्यक्रम के संदर्भ में उचित और नियमित मार्गदर्शन करना ।
- हिंदी विषयक कार्यशाला और संगोष्ठियों का आयोजन ।
- विषय-विशेषज्ञों के व्याख्यानो का आयोजन करना ।
- छात्र-छात्राओं को पाठ्यक्रम की पुस्तके तथा संदर्भ ग्रंथ उपलब्ध कराना ।
- रोजगार के अवसरों के बारे में मार्गदर्शन करना ।

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	8	6
P.G	40+5	74
U.G	-	-
Any other	-	-

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor				
Associate Professor				
Assistant Professor	04	03		

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Clerk	01	HKRNL
Technical Assistant		Nil
Peon	01	HKRNL

VII)

- Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes: N.A.
- Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes : N.A.
- Detail of Foreign Students, if any, admitted in the Department : N.A.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor):

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
2	2023	Pursuing	

Faculty Detail :

Post	Name	Qualifications	Teaching Experiences
Dr. Geetu	Assistant Professor	Ph.D	12Years
Dr. Sharmila	Assistant Professor	NET JRF, Ph.D	6 Years
Dr. .Kalpana	Assistant Professor	NET, MPhil, Ph.D	(Adoce 5 Years)4 Years

Research Scholar Detail 2023-24

Sr.No.	Reg. no.	Name of the Scholar	Supervisor
1	230210091001	Neetu	Dr. Geetu
2.	230210091002	Himmat	Dr. Geetu

(IX) Sponsored Research/ Consultancy Projects: Nil.

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/ In Progress	Nature: Research/ Consultancy	Month & Year of award
संत साहब राम राहड़ के साहित्य का युगबोध की दृष्टि से अध्ययन।	Dr. Sharmila	Completed	Research	June 2024
महिला लेखिकाओं की आत्मकथाओं में सामाजिक उत्पीड़न: एक विश्लेषण	Dr. Kalpana	Completed	Research	June 2024
		2		

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
		1			

(XI) Faculty wise detail of publication during the academic year:

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/Reference/Report)	Publisher s
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Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor						
Associate Professor						
Assistant Professor		-		1	-	1

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Dr. Geetu	2023 oct	अज्ञेय की क वता में मानव मन की सजीव अ भव्यंजना	Juni khyat (UGC Care Group)	Juni khyat	Vol-13, issue-10, no. 04, Oct, 2023	113 to 117	-	-

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

(b) International Conferences/ Seminars/ Workshops: 01

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Dr. Geetu	मनुष्यता अब तक मरी नहीं है रु मानवीय जिजी वषा के क व दिनकर	राष्ट्रक व दिनकर हिंदी और राष्ट्रवाद	वश्व हिंदी परिषद	वज्ञान भवन नई दिल्ली	20-21 सतम्बर, 2023	ICPR

Dr. Sharmila	मरंग गोड़ा नीलकंठ हुआ में निहित पर्यावरण चेतना	Research and innovation for Sustainable Development (ICRISD-2024)	(ICRISD-2024) and MDU Rohtak	MDU Rohtak	4&5May, 2024	(ICRISD-2024)
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(c) National Conferences/ Seminars/ Workshops:

Name of Faculty	Title of paper presented	Theme of conference/	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST
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		Seminar				CSIR/AICTE /Univ./etc.
Dr. Kalpana	ICT tools and Techniques for Education and Research	One week National workshop on ICT tools and Techniques for Education and Research	Bharat Digital Academy	Online	06-10 Feb. 2023	Govt. Of India (Aligarh)
Dr. Kalpana	Conducting Financial Awareness Programm association with CIEL and SEBI	Conducting Financial Awareness Programm association with CIEL and SEBI	GJUS&T, Hisar	Online	25 Feb. 2023	UGC
Dr. Kalpana	Gramin PG College of Education Jamalpure Sheikhan Tohana (Fatehabad) Haryana Naturopathy An Integrative Medicine	Naturopathy An Integrative Medicine	Gramin PG College of Education Tohana	Online	4 March 2023	Naturopathy An Integrative Medicine
Dr. Kalpana	One week training on writing news reporting using Digital Tools	writing news reporting and using Digital Tools	Bharat Digital Academy	Online	30 April 2023	Govt. Of India (Aligarh)

(d) **Regional/ State Level Conferences/ Seminars/ Workshops: Nil.**

(e) **Refresher Courses/ Orientation Courses:**

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr. Geetu	NEP Orientation & Sensitization Program-1	Guru jambheshwar University of Science&Technology , Hisar	MMTTC	Hisar	8 days 13-21, Dec 2023
Dr. Sharmila	NEP Orientation & Sensitization Program-1	Guru jambheshwar University of Science&Technology , Hisar	MMTTC	Hisar	8 days 13-21, Dec 2023
Dr. Kalpana	1. NEP Orientation & Sensitization Program-1	Guru jambheshwar University of Science&Technology , Hisar	MMTTC	Hisar	8 days 13-21, Dec 2023

	2. UGC sponsored two week online Inter disciplinary Refresher course on “Blended Mod of Teaching & Learning”	Guru jambheshwar University of Science&Technology Hisar	MTTC	Hisar	16 Nov. To 29 Nov. 2023
	3. One day International workshop on “Open Educational Resources”	Guru jambheshwar University of Science&Technology , Hisar	MTTC	Hisar	5 March 2024
	4. A massive open online course (five week) Happy Schools Education of the 21 st Century form the lenes of Happines	Guru jambheshwar University of Science&Technology Hisar	UNESCO	Hisar	18 June to 27 July 2024

(f) National/International Webinars Attended: Nil.

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- i) Refresher Course :
- ii) Orientation Course :
- iii) Webinar :
- iv) Total : 03

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies: Dr. Sharmila: IQAC Coordinator, Alumni Coordinator
- ii) Member of Expert Committees: Dr. Sharmila: Member of Board of Studies and Research in Hindi Department, GJUS&T Hisar. Member of Screening Committee in GJJMRS, GJUS&T.
Dr. Kalpana: I) Member of Board of Studies and Research in Hindi Department, GJUS&T Hisar.
- iii) Member of Screening Committee in Girls Hostel , GJUS&T.

Dr. Geetu- UMC Expert committee,

Screening Committee

iii) Member of Academic Bodies of other institutions:

Dr. Geetu- Ph.d Expert committee Baba mastnath University Asthal Bohar, Rohtak

iv) Any Other

- Member of Inspection committee Govt. College Datta 22-11-2023

(XIV) Detail of Consultancy Project/ Work in Department: Nil.

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered

(Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
Invited talk			
Extension lectures (Dr. Geetu)	हिंदी भाषा चुनौतियां और संभावनाएं	फरोज गांधी मेमोरियल राजकीय कॉलेज आदमपुर	10 जनवरी , 2023
Any other (Dr. Geetu)	काव्यांज ल अंतर वद्यालय क वता पाठ प्रतियो गता कार्यक्रम में निर्णायक	सेंट कबीर वद्यालय हिसार	12 अगस्त , 2023
Extension lectures (Dr. Kalpana)	Job oppprtunity in the field of Hindi Bhasha” and Jov opportunity in the field of Journalism”	GCG Ugalan	10 February 2024

(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Dr. Geetu	1. Inchage of Hindi Department 2. Co ordinator Hindi Distance Education 3 Faculty of Humanities & SS (Member) 4 RTI Co Ordinator of Deptt of Hindi 5 University cultural Core Committee (Member) 6. Screening committee member 7. Member of department Adm. Committee. 8. Member of Zonal and Inter Zonal Y.F. Committee	2021 to till now Continue 08 may 2023 to continue 29-08-2022 to 29-08-2024 09-05-2023 to continue 11 Sep, 2023 to Continue 2023 2023 2023 2023

2.	Dr. Sharmila	1. IQAC coordinator 2. Alumni Coordinator 3. Screening committee member 4. Member of department Adm. Committee. 5. Member of BOR&S committee	2021 to cont.. 2022 2024 2023 2024
3.	Dr. Kalpana	1. Screening committee member (Girls Hostel) 2. Member of department Adm. Committee. 3. Member of BOR&S committee 4. Member of Adm. Committee in Hostel 5. Superintend of conducting examination of various department Faculty Member of Hindi Distance Education 6. NSS program officer 7. Hostel Coordinator 8. Coordinator of Shri Mad Bhagwad Geeta 9 Coordinator of Training and Placement cell 10 Faculty member of Bsc. B.Ed. ITEP 11. UTD Reharshal coordinator and Event Committee (Litrary Member) 12. UTD Reharshal coordinator and Event Committee (Litrary Member) 13. Member of Registration Committee in the Deptt. of Religious Studies 14. International seminar deptt. of Physics organization of the international conference (member of the publicity and media coordinator committee)	2024 2024 2024 2024 2024 2024 7 June 2023 to cont.... 13 June 2023 to cont.... 2024 to Contt... July 2022 to July 2024 Oct.2024 to contt... Oct. 28 & 29 2023 26 & 27 Oct. 2024 22& 23 Aug. 2024 6 to 9 Nov. 2024

(XVII) Training /Internship/ Placement Activities information of the Department: Nil.

(XVIII)Detail of Academic activities/Professional Activities/ Programmes

i) Seminar/Conference/Refreshers course/Workshop/Training Programme: Nil.

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
हिंदी दिवस के उपलक्ष में निबंध एवं स्लोगन प्रतियोगिता	-	25	14 सितम्बर 2023
तमिल कवि सुब्रमण्यम भारती की जयंती	-	30	11 दिसम्बर 2023
मातृभाषा दिवस	-	35	21 फरवरी 2024
जगद्गुरु श्री शंकराचार्य: आध्यात्मिक एवं भाषायी एकता के वाहक	प्रो० सम्पदानंद मिश्र, निदेशक मानव विज्ञान केन्द्र, ऋषिहुड वि.वि. सोनीपत	150	15 मार्च 2024
भाषा, साहित्य और इतिहास: एक अवलोकन 'अग्निकाल' उपन्यास के संदर्भ में	श्री युगल किशोर जोशी, मिशन डायरेक्टर (लाइफ) नीति आयोग भारत सरकार	60	5 अप्रैल 2024

iii. Students tour - NIL

iv. Industry interaction programmes: NA

(XIX) Awards/ Honours received by Faculty : Nil.

(XX) Any other important Information/ Achievement of the Department:

- Dr. Kalpana , “King’s Books of World Record” Certificat of participant as poet 30 August, 2023.
- Dr. Kalpana , Honour by, “Aakashvani Redio” Hisar on International women day 8 March, 2024.

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	
-	-	-	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
01	01	-	-
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
01	-	-	
Total number of funded research projects	Completed	Ongoing	-
02	02	-	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
06	-	+-	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

- 1. Department is planing to start the Translation diploma course**
- 2. Department is planing to start the Chair name of Swami Vivekanand.**
- 3. Department is planing to organize national seminar.**

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Name : Department of Library and Information Science
Year of Establishment : 2023

State the Vision of the Department

1. To develop professionals with aptitudes and skills to face the challenges and ensure participation in rapidly changing world.
2. To promote research and publications by imparting quality and social relevant knowledge.
3. To contribute knowledge to the discipline by research and publications.
4. To contribute innovative teaching and learning methods in Library and Information Science.
5. To serve with responsibility in libraries and other information-activity environment.

State the Vision of the Department

1. To impart quality higher education in Library and Information Science
2. To develop personnel with state-of-the-art knowledge, skills and character leading to creating, maintaining and developing knowledge society.

Department

The department was established in the year 2023 under the guidance of Prof. Narsi Ram Bishnoi, Vice-Chancellor, Guru Jambheshwar University of Science and Technology, Hisar, led by Dr. Vinod Kumar as its founder Chairperson. Accordingly, 2-year integrated 'Master of Library and Information Science' course is being run under this department from 2023-2024. The establishment of this department filled the gap in producing the skilled Library Professionals in this region. In the age of Information and Communication technology and its advanced versions i.e. ChatGPT and Open AI put forth so many challenges in front of the libraries, therefore skilled professionals are capable enough to cope with these tools and accelerate the library services as per the demand of the modern students.

State the Objective of the Department

1. To produce trained Library & Information Professionals capable to evaluate the information sources and services to meet the challenges being faced by the Library & Information Centers. The programme is based on National Education Policy- 2020 and therefore, after completing the one year, the concerned students shall be eligible for getting the degree of Bachelor of Library and Information Science. Moreover, realizing the crucial role of emerging technology in conducting the high-level R&D, the department is on forefront since its inception.
2. To focus on recent advancements in Library and Information Science.

Programme offered in the Department

The Department offers a 2-years course in Library & information Science at post-graduate level. A student who successfully completes the first year shall be awarded a Bachelor of Library and Information Science and if the student continues for the next year and completes the programme successfully, she/he will be awarded a Master Degree in Library and Information Science.

No. of Students

1 st Year (1 st Semester)	43
2 nd Year (3 rd Semester)	21

Name of Faculty

- i. Dr. Vinod Kumar, Chairperson
- ii. Dr. Shyam Sunder Joshi, Deputy Librarian
- iii. Dr. Narender Kumar, Deputy Librarian
- iv. Mr. Som Dutt, Assistant Librarian

Contractual Faculty

- i. Mr. Naresh Kumar (Contractual)
- ii. Mrs. Pooja, Programmer (HKRNL)

DEPARTMENT OF MASS COMMUNICATION

(I) NAME : Mass Communication

(II) Year of Establishment : 1995

(III) (a) & (b) State the vision & Mission of the Department:

The department of Communication Management & Technology, Guru Jambheshwar University of Science & Technology, Hisar, with the launch of all new Bachelor of Arts Mass Communication course under the aegis of New Education Policy 2020, will be the first of its kind in the region which caters to the Mass Communication education right from under graduation to doctorate degrees via master programs. The role of the department to educate the society of its communication behavior even at the mass level through mass media will help the society to progress in all the developmental sectors.

The next two years will be very critical for the department as it will make all efforts to adopt and adapt to the new education policy as envisaged in the NEP 2020. The department is likely to concentrate on skills of all facets of the mass communication process as well as the research and development understanding and application.

Presently, the department offers specializations in electronic media, advertising, print media and public relations. In the coming up years the department is planning to cover more specializations in mass communication studies, like development communication, television and film studies, cultural studies etc. Accordingly, there may be expansions with suitable work areas in the form of production centers, outdoor broadcasting with Electronic News Gathering or mobile facility etc.

In view of the above, in the next two years, the department plans to take the mass communication education to affordable level to the society to educate the skills of the profession.

(c) State the objective of the Department:

In the competitive media market produce fine media persons who can fill the vacuum created by the unprecedented expansion.
(As resolved by Staff Council)

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	42+1+1+1	34+1+1+1
P.G	50+2 (Single girl child)+1+1+1 & 52+2 (Single girl Child)+1+1+1	36+32=68
U.G	30+2 (Single girl Child)+1+1 50+2 (Single girl Child)+1+1	30+27+51=108
Any other	N.A.	N.A.

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Directfilled	UnderCAS	Remarksif any
Professor	02	Nil	-	-
Associate Professor	03	01	-	-
Assistant Professor	4+1(Eng.)	4+1	-	-

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Asstt. Technical Officer	1	1
TA Grade (I)	1	NIL
Asstt.-cum-DEO	1	NIL
JLA	1	1
Storekeeper	1	NIL
Cameraman-cum-studio Attendant	1	NIL
Steno typist	1	NIL
Clerk-cum-JDEO	2	1
Lab. Attendant	3	1
Peon	2	1

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBAand MCA Programmes “ N.A.

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes : N.A.

(c) Detail of Foreign Students, if any, admitted in the Department : N.A.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
37	02	04	05

(IX) Sponsored Research/ Consultancy : N.A.

X) Number of Publications of Faculty (in Total) : N.A.

(XI) Faculty wise detail of publication during the academic year : Nil.

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented : Nil.

(b) International Conferences/ Seminars/ Workshops : Nil.

(c) National Conferences/ Seminars/ Workshops: Nil.

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil.

(e) Refresher Courses/ Orientation Courses : Nil.

(f) National/International Webinars Attended : Nil.

(g) Total number of Refresher/ Orientation Course/Webinar attended :

- i) Refresher Course : NIL
- ii) Orientation Course : NIL
- iii) Webinar : NIL
- iv) Total :

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies: --
- ii) Member of Expert Committees: --
- iii) Member of Academic Bodies of other institutions: ---
- iv) Any Other: ---

(XIV) Detail of Consultancy Project/ Work in Department : Nil.

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered: Nil.
Give Faculty wise detail)

(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Manoj Dayal	Dean Faculty of Humanities & Social Sciences	03.07.2020 To 16.06.2023
2	Prof. Manoj Dayal	Chairperson	20.03.2024 to till date
3	Dr. Mihir Ranjan Patra	Chairperson	03.05.2023 To 19.03.2024

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	36	10
Placement	N.A.	N.A.

- **Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc..**

**(XVIII) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year : Nil.**

- i Seminar/Conference/Refreshers course/Workshop/Training Programme : Nil.
- ii. Extension lecture: Nil.
- iii. Students tour : Nil.
- iv. Industry interaction programmes : Nil.

(XIX) Awards/ Honours received by Faculty

(XX) Any other important Information/ Achievement of the Department:

Sr. No.	Name of Faculty	Qualification	Experience
1.	Prof. Manoj Dayal, Professor	Ph.D.	31 Years
2	Prof. Vikram Kaushik, Professor	Ph.D.	27 years
3	Prof. Umesh Arya, Professor	Ph. D.	27 years
4	Dr. M.R. Patra, Associate Professor	Ph.D.	29 years
5	Dr. Pallavi, Assistant Professor	Ph.D.	03 years

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
---	---	----	---
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
---	---	---	
Total number of funded research projects	Completed	Ongoing	-
---	---	---	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
			-

DEPARTMENT OF MATHEMATICS

- (I) **NAME** : Mathematics
- (II) **Year of Establishment** : 1994
- (III) (a) **State the vision of the Department:** To Excel in Applications of Mathematics in Science & Engineering with emphasis on Practical aspects of life
- (b) **State the mission of the Department:** Promotion of conducive Environment for creativity, intuition, and pure intellect, free from extraneous issues of discrimination
- (c) **State the objective of the Department:**
(As resolved by Staff Council) Applications of Mathematics
In Modern Science & Technology

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D. in Mathematics	As Per University norms	
M.Sc.(Mathematics)	55+5#	56
Dual Degree B.Sc. (Hons.)- M.Sc.(Mathematics)	55+5#	48
Any other	-	-

* The department is also looking after the teaching of Mathematics papers in various B.Tech., M.Tech. & Pharma Courses.

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	01	--	--
Associate Professor	02	01	--	--
Assistant Professor	08	08	--	--

List of the Faculty along with their qualification and experience

S.No.	Name of Teacher	Designation	Qualification	Experience
1.	Dr. Kuldeep Singh	Professor	Ph.D.	35 Years
2.	Dr. (Mrs.) Sunita Rani	Professor	Ph.D.	32 Years
3.	Dr.(Mrs.) Sunita Pannu	Professor	Ph.D.	31½ Years
4.	Dr. Mukesh Kumar Sharma	Professor	Ph.D.	28½ Years
5.	Prof. Kapil Kumar	Professor	Ph.D.	20½ Years
6.	Prof. Pankaj Kumar	Professor.	Ph.D.	19 Years

7.	Dr. Renu	Asst. Prof.	Ph.D.	8 Years
8.	Dr. Hemant Kalra	Asst. Prof.	Ph.D.	10 Years
9.	Dr. Sandeep Singh	Asst. Prof.	Ph.D.	10 Years
10.	Dr. Sunita Rani	Asst. Prof.	Ph.D.	6½ Years

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Steno Typist	01	01
Clerk-cum-JDEO	01	01*
Lab Attendant/ Lab Technician	01	01
Peon	01	01
Sweeper	01	01

***One Clerk on contract basis w.e.f. May 2021.**

VII) a) Students detail in respect of M.Sc.(Mathematics) Programme

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc.(Mathematics)	55+5#	56	50

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

(b) Students detail in respect of Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)

1 st year		2 nd year		3 rd year	4 th year	5 th year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present	Students Present	Students Present	Students Present
50+5	48	40+5	40	48	35	20

Seats in the category of Single Girl Child (2), North Eastern Candidate (1), Children of GJU Employee (1) and Kashmiri Migrants (1).

(c) Detail of Foreign Students, if any, admitted in the Department:

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
--	--	-	-

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
31	03	06	06

(IX) Sponsored Research/ Consultancy Projects:**(a.)**

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
01	--	--

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award

X) Number of Publications of Faculty (in Total): 21

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc.**

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers

b) Research Papers/ Articles in Journals:

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor

Prof. (Mrs.) Sunita Pannu nee Deswal

1. Baljit Singh Punia, Sunita Deswal, Kapil Kumar Kalkal, Mohamed IA Othman (2023). Reflection of plane waves in an orthotropic micropolar thermoelastic diffusive medium with two-temperature. *Indian Journal of Physics*, 98(2):613–628.
2. Sohith Jatain, Sunita Deswal, Kapil Kumar Kalkal (2023). Thermodynamical interactions in a micropolar magneto-thermoelastic medium with photothermal effect. *International Journal of Numerical Methods for Heat and Fluid flow*, 33(11), 3642-3668.
3. Kirti Boora, Aarti Kadian, Sunita Deswal (2024). Reflection of plane waves in an initially stressed thermodiffusive medium under double porosity effect. *Journal of Vibration Engineering & Technologies*, 12, 5879–5892
4. Shilpa Chaudhary, Sunita Deswal, Sandeep Singh Sheoran (2023). Analysis of nonlocal effects on plane waves in a transversely isotropic visco-thermoelastic medium with variable thermal conductivity. *International Journal of Numerical Methods for Heat and Fluid Flow*, 34(1), 109-130.
5. Parmender Sheokand, Sunita Deswal, Baljit Singh Punia (2024). Influence of variable thermal conductivity and inclined load on a nonlocal photothermoelastic semiconducting medium with two-temperature. *Journal of Thermal Stresses*, 47(2), 217-239.

6. Sunita Deswal, Parmender Sheokand, Baljit Singh Punia (2024). Interactions due to Hall current and photothermal effect in a magneto-thermoelastic medium with diffusion and gravity. *Acta Mechanica*, 235, 235–254.
7. Parmender Sheokand, Suman Choudhary, Sunita Deswal (2024). Influence of thermal load on a rotating thermoelastic medium with diffusion and double porosity. *Journal of Thermal Stresses*, 47(3), 295-320.
8. Amit Jangra, Suman Choudhary, Sunita Deswal (2024) Magneto-thermoelastic interactions in a photothermal semiconducting medium with diffusion and microtemperatures. *ZAMM-Journal of Applied Mathematics and Mechanics*, 104(3).
9. ParmenderSheokand, Sunita Deswal, Suman Choudhary, Amit Jangra (2024). Reflection of plane waves in a nonlocal double poroelastic semiconducting medium with variable thermal conductivity and mass diffusivity. *ZAMM-Journal of Applied Mathematics and Mechanics*, 104(5).
10. Kirti Boora, Sunita Deswal, Kapil Kumar Kalkal (2024). Propagation of plane waves at the initially stressed surface of an orthotropic nonlocal rotating half space under dual phase lag model. *Multidiscipline Modeling in Materials and Structures*, 20(4), 617-635.
11. Sunita Deswal, Kapil Kumar Kalkal, Priti Dhankhar, Ravinder Poonia (2024). Reflection of plane waves in a nonlocal transversely isotropic micropolar thermoelastic medium with temperature-dependent properties. *Journal of Vibration Engineering & Technologies*, <https://link.springer.com/article/10.1007/s42417-024-01378-0>
12. Amit Jangra, Sunita Deswal, Parmender Sheokand (2024). Thermoelastic interactions in a microstretch saturated porous medium with temperature dependent properties. *Journal of Vibration Engineering & Technologies*, <https://link.springer.com/article/10.1007/s42417-024-01426-9>
13. Amit Jangra, Sunita Deswal, Baljit Singh (2024). PuniaThermoelastic interactions in a micropolar poroelastic medium. *Journal of Thermal Stresses*, 47(8). 1028-1054.
14. Reetika Goyal, Sunita Deswal, Kapil Kumar Kalkal (2024). Effect of inclined mechanical load on a thermo-diffusive half-space with microtemperatures and microconcentrations. *Journal of Vibration Engineering & Technologies*, <https://link.springer.com/article/10.1007/s42417-024-01444-7>

Prof. Kapil Kumar

1. Baljit Singh Punia, Sunita Deswal, Kapil Kumar Kalkal, Mohamed IA Othman (2023). Reflection of plane waves in an orthotropic micropolar thermoelastic diffusive medium with two-temperature. *Indian Journal of Physics*, 98(2):613–628.
2. Sohit Jatain, Sunita Deswal, Kapil Kumar Kalkal (2023). Thermodynamical interactions in a micropolar magneto-thermoelastic medium with photothermal effect. *International Journal of Numerical Methods for Heat and Fluid flow*, 33(11), 3642-3668.
3. Kirti Boora, Sunita Deswal, Kapil Kumar Kalkal (2024). Propagation of plane waves at the initially stressed surface of an orthotropic nonlocal rotating half space under dual phase lag model. *Multidiscipline Modeling in Materials and Structures*, 20(4), 617-635.
4. Sunita Deswal, Kapil Kumar Kalkal, Priti Dhankhar, Ravinder Poonia (2024). Reflection of plane waves in a nonlocal transversely isotropic micropolar thermoelastic medium with temperature-dependent properties. *Journal of Vibration Engineering & Technologies*, <https://link.springer.com/article/10.1007/s42417-024-01378-0>
5. Reetika Goyal, Sunita Deswal, Kapil Kumar Kalkal (2024). Effect of inclined mechanical load on a thermo-diffusive half-space with microtemperatures and microconcentrations. *Journal of Vibration Engineering & Technologies*, <https://link.springer.com/article/10.1007/s42417-024-01444-7>
6. Shilpa Chaudhary, Kapil Kumar Kalkal, Sandeep Singh Sheoran (2023). Photothermal interactions in a semiconducting fiber-reinforced elastic medium with temperature-dependent properties under dual-phase-lag model. *ZAMM - Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik*, 103(12) e202300316

7. Sandeep Singh Sheoran, Kapil Kumar Kalkal, Shilpa Chaudhary (2024). Reflection of plane waves in a rotating micropolar double porous thermoelastic medium with temperature dependent properties. Heat Transfer, 53(5), 2391-2415

Prof. Pankaj Kumar

1. Pankaj Kumar and Riddhi(2023). Weight enumerators of all irreducible cyclic codes of length n, Discrete Mathematics, Algorithms and Applications, 15(8), 1793-8317.

Dr. Hemant Kalra

1. Sandeep Singh, Rohit Garg and Hemant Kalra (2023) On non-inner automorphisms of finite p-groups. Bulletin of The Australian Mathematical Society, page 1 of 6, doi:10.1017/S0004972724000637

Dr. Sandeep Singh Sheoran

1. Shilpa Chaudhary, Kapil Kumar Kalkal, Sandeep Singh Sheoran (2023). Photothermal interactions in a semiconducting fiber-reinforced elastic medium with temperature-dependent properties under dual-phase-lag model. ZAMM - Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik, 103(12) e202300316
2. Sandeep Singh Sheoran, Kapil Kumar Kalkal, Shilpa Chaudhary (2024). Reflection of plane waves in a rotating micropolar double porous thermoelastic medium with temperature dependent properties. Heat Transfer, 53(5), 2391-2415
3. Mohit Kumar, Shilpa Chaudhary, Sandeep Singh Sheoran (2024). Photothermoelastic response due to Hall current and gravity effects in a hyperbolic two-temperature semiconducting medium with voids under a moving thermal load. Mechanics of Time-Dependent Materials, 28, 1947–1981.

Dr. Sunita Rani

1. Sunita Rani, Sonia Attri (2024). Surface displacements of a semi-infinite elastic half-space under axisymmetric load. Journal of Technology, 12(1), 161-175.
2. Sonia Attri,Sunita Rani (2024). Axisymmetric consolidation of a poroelastic soil layer with impermeable surface. Mechanics of solids, 59, 1376–1390.

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor,			
Associate Professor
Assistant Professor	...					

(b)International Conferences/ Seminars/ Workshops: 05

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.

Dr. Renu

1. Presented a research paper entitled “Surface Extension and Tilt of an Elastic Half-Space due to a Steady Point Heat Source” in the “International Conference on Pure and Applied Mathematics” (ICPAM-2023) organized by Department of Mathematics, NIT Jalandhar & MNIT Jaipur during October 26-28, 2023
2. Presented a research paper entitled “Strain Field of an Elastic Half-Space due to a Steady Point Source of Heat” in the “International Conference on Advances in Pure & Applied Mathematics (ICAPAM)” organized by Shyam Lal College, University of Delhi during February 8-10, 2024.

Dr. Hemant Kalra

1. Presented a paper entitled: “Equivalence between Different Automorphism Groups”, in the *International Conference “On Recent Advancements in Mathematical Sciences,”* organized by DAV College Sadhura, Yamunanagar, Haryana, April 28, 2024.
2. Presented a paper entitled: “*Some bounds on central quotient group in an arbitrary group*”, in the *International Conference “Research and Innovation for Sustainable Development”* organized by MDU, Rohtak, on May 04-05, 2024.

Dr. Sunita Rani

1. Presented the paper titled **Axisymmetric deformation due to surface loads in a poroelastic layer** in the “International Conference on Pure and Applied Mathematics” (ICPAM-2023) organized by Department of Mathematics, NIT Jalandhar & MNIT Jaipur from 26th - 28th October, 2023.

(c)National Conferences/ Seminars/ Workshops: 05

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.

Dr. Renu

1. Attended a Workshop on UGC sponsored 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-VI” under Malaviya Mission Teacher Training Programme (MMTTP) Organized by MMTTC, GJUST, Hisar during 07.05.2024 to 16.05.2024.

Dr. Hemant Kalra

1. Attended a Workshop on UGC sponsored 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-III” under Malaviya Mission Teacher Training Programme (MMTTP) Organized by MMTTC, GJUST, Hisar during 19.02.2024 to 28.02.2024.

Dr. Sandeep Singh

1. Attended a Two-week Workshop on Instructional School for Teachers (IST) on Principles of Continuum Mechanics

Dr. Sunita Rani

1. Attended a Workshop on UGC sponsored 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-III” under Malaviya Mission Teacher Training Programme (MMTTP) Organized by MMTTC, GJUST, Hisar during 19.02.2024 to 28.02.2024.
2. Completed Two credit Massive Open Online Course (five weeks) “Happy Schools: Education of the 21st Century from the Lenses of Happiness” offered under the Open Education for the Better World UNESCO Online Mentoring Programme

(d)Regional/ State Level Conferences/ Seminars/ Workshops: 06

Name of Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.

Dr. Renu

1. Participated in the Workshop on “IPR Awareness” organized by Patent Cell, Guru Jambheshwar University of Science & Technology, Hisar on October 11, 2023
2. Participated in the Workshop on “Cyber Security and Cyber Crime” organized by the Department of Computer Science & Engineering, GJUS&T, Hisar on November 21, 2023

Dr. Hemant Kalra

1. Participated in the Workshop on “IPR Awareness” organized by Patent Cell, Guru Jambheshwar University of Science & Technology, Hisar on October 11, 2023.
2. Participated in a workshop on “Cyber Security and Cyber Crime” organized by the Department of Computer Science & Engineering, GJUS&T, Hisar on 21 November, 2023.
3. Participated in a workshop on “Essential Documents Formatting Skills” on 26 November, 2023 organized by the Department of Computer Science & Engineering, GJUS&T, Hisar on 26 November, 2023.

Dr. Sunita Rani

1. Attended a Workshop on Cyber Security and Cybercrime organized by the Department of Computer Science & Engineering, GJUS&T, Hisar on November 21, 2023.

(e) Refresher Courses/ Orientation Courses/FDP: 03

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration

Dr. Renu Muwal

Participated in UGC sponsored 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-VI” under Malaviya Mission Teacher Training Programme (MMTTP) organised by MMTTC, GJUS&T, Hisar during May 7-16, 2024.

Dr. Hemant Kalra

Participated in UGC sponsored 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-III” under Malaviya Mission Teacher Training Programme (MMTTP) organized by MMTTC, GJUS&T, Hisar w.e.f. 19-Feb-2024 to 28-Feb-2024.

Dr. Sunita Rani

Attended Eight days NEP Orientation & Sensitization Programme organized by MMTTC, Guru Jambheshwar University of Science and Technology, Hisar during December 13-21, 2023.

(f) National/International Webinars Attended: 02

Name of Faculty	Title of Webinar	Host organization	Dates/Duration

Dr. Renu Muwal

- i. Attended Webinar on “Advances in Computational Mathematics” organized by the Department of Mathematics & Statistics, Manipal University Jaipur, Rajasthan in association with International Academy of Physical Sciences, Allahabad and Prof. P.R. Sharma Memorial Educator Association on July 10, 2023
- ii. Attended Webinar on “Exploring Biomaterials and Nanomaterials in Medical Applications: Innovations and Insights - Series I” organized by Advanced Optical Materials Research Group (AOMRG) in collaboration with MASS Chapter UTM and Frontier Material Research Alliance (FMRA) UTM on November 23, 2023

(g) Total number of Refresher/ Orientation Course/Webinar attended:

i)	Refresher Course	:	NIL
ii)	Orientation Course	:	Nil
iii)	FDP	:	03
iv)	Webinar	:	02
v)	Total	:	05

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership of Professional Bodies:

Prof. (Mrs.) Sunita Rani

- Life member of Indian Mathematical Society (IMS), New Delhi
- Life member of Indian Academy of Earthquake Technology.
- Life member of Indian Science Congress.

Prof. (Mrs.) Sunita Pannu

- Life member of Indian Mathematical Society (IMS), New Delhi.
- Life member of Indian Academy of Mathematics, Indore.

Prof. Mukesh Kumar Sharma

- Life member of IASP (International Academy of Physical Sciences), Allahabad.
- Life Member of ISTAM, IIT Kharagpur.
- Life member of Rajasthan Ganita Parishad (RGP)
- Life member of Prof. P.D. Memorial Lecture, Department of Mathematics, University of Rajasthan, Jaipur.

Prof. Kapil Kumar

- Life Member of *International Academy of Physical Sciences*.
- Life member, Indian Mathematical Society

Dr. Renu Muwal

- Life Member, Indian Mathematical Society (IMS), New Delhi
- Life Member, Indian Society of Theoretical and Applied Mechanics (ISTAM), IIT Kharagpur
- Life Member, Forum for Industrial and Applied Mathematics (FIAM), Himachal Pradesh

Dr. Sandeep Singh

- Life member of International Academy of Physical Sciences (IAPS)

Dr. Sunita Rani

- Life member of Indian Mathematical Society (IMS), New Delhi

ii) Member of Expert Committees:

iii) Member of Academic Bodies of other institutions:

Prof. (Mrs.) Sunita Pannu

Member of Post Graduate Board of Studies & Research of M. Sc. Mathematics in the Dept. of Basic & Applied Sciences, B P S Mahila Vishwavidyalaya, Khanpur Kalan (Sonapat).

Prof. Mukesh Kumar Sharma

- Member of School Board of the School of Basic Sciences, Central University, Haryana, w.e.f. 28-06-2023 to 27-06-2026.
- Regional Coordinator of International Academy of Physical Sciences, Allahabad w.e.f. 2021. North-West Zone(Haryana-Punjab-Jammu & Kashmir) of India.

Dr. Sandeep Singh

- Member of BOUGS, Department of Mathematics, CRSU, Jind from 01.06.2023 to 31.05.2025 (two years).

(IV) Member of Academic Bodies of institutions:**Dr. Renu Muwal**

- Member, Academic Council, GJUS&T, Hisar (Since May 29,2024)
- Member, Departmental Research Committee in Mathematics, GJUS&T, Hisar
- Member, Board of Studies & Research in Mathematics, GJUS&T, Hisar

Dr. Hemant Kalra

- Member, Departmental Research Committee in Mathematics, GJUS&T, Hisar
- Member, Board of Studies & Research in Mathematics, GJUS&T, Hisar
- A member of faculty of physical sciences and technology, GJUS&T, Hisar.

Dr. Sandeep Singh

- Member, Departmental Research Committee in Mathematics, GJUS&T, Hisar
- Member, Board of Studies & Research in Mathematics, GJUS&T, Hisar

Dr. Sunita Rani

- Member, Departmental Research Committee in Mathematics, GJUS&T, Hisar
- Member, Board of Studies & Research in Mathematics, GJUS&T, Hisar

(XIV) Detail of Consultancy Project/ Work in Department: Nil

Name of Faculty	Title of the project /work	Name of Agency	Total Amount

**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail)****(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise)**

Sr. No.	Name of Faculty	Additional Positions	Duration From To

Dr. Renu Muwal

- Department Training and Placement Coordinator for the session 2023-24, Dept. of Mathematics, GJUS&T, Hisar
- Lab Incharge, Dept. of Mathematics, GJUS&T, Hisar (From January 14, 2020 to May 14, 2024)
- Course Coordinator, Dual Degree B.Sc.(Hons.)- M.Sc. (Mathematics), Dept. of Mathematics, GJUS&T, Hisar

- Member of the Committee for the conduct of Entrance Test and Admission Counselings for Integrated B.Sc.(Hons./Hons. with Research)- M.Sc. Programmes in Physics, Chemistry, Mathematics, Medical Imaging Technology and Integrated B.Sc.(Life Science)- M.Sc. Biotechnology/Microbiology/Botany/Zoology(5 Years) for the academic session 2023-24, GJUS&T, Hisar
- Member of the Committee to conduct the Physical Stock Verification of Store for the year 2023-24, Dept. of Mathematics, GJUS&T, Hisar

Dr. Hemant Kalra

- Performed Proctorial duty during the Cultural Events 2023-24, held on September 29, 2023 at Chaudhary Ranbir Singh Auditorium of the University.
- Performed Proctorial duty during the 11th Inter Zonal Youth Festival 2023, held on October 28-29, 2023 at Chaudhary Ranbir Singh Auditorium of the University.
- Performed Proctorial duty during the celebration University Foundation day 20-10-2023, held on October 20, 2023 at Chaudhary Ranbir Singh Auditorium of the University.

Dr. Sandeep Singh

- Village Programme Officer under “Swachh Bharat Swasth Bharat” scheme from February 9, 2021 to till date.
- **Nodal Officer for Introduction of “Vedic Mathematics” in GJUS&T, Hisar** from December 30, 2020 to till date.
- **Member of Anti Ragging Squad-II** (for Boys’ Hostels) for the session 2022-23.
- **Member, Time Table Committee** in the Dept. Of Mathematics for the Session 2023-24.
- **Member, Admission Committee** for B.Sc.(Physical sciences) Course for the Session 2023-24.
- **Training and Placement Coordinator (TPC)** of Dept. of Mathematics for session 2023-24.
- **Alumni Coordinator** of Dept. of Mathematics for the session 2023-24.

Dr. Sunita Rani

- Departmental IQAC Co-ordinator from 09-03-2021 to till date
- Member, Women Cell, GJUST, Hisar from 29-05-2023 to till date
- NSS Programme Officer, GJUST, Hisar from 07-06-2023 to till date
- Member, Time Table Committee in the Dept. Of Mathematics for the Session 2023-24.
- Member, Admission Committee for B.Sc.(Physical Sciences) for the Session 2023-24.
- Departmental SWAYAM-NPTEL MOOC Co-ordinator 2023-2
- Jury Member, Talent Search Competition organized by Directorate of Youth Welfare, Guru Jambheshwar University of Science and Technology, Hisar on September 25-26, 2023.
- Perform Proctorial duty during the Talent Search Programme to be held at Chaudhary Ranbir Singh Auditorium, Guru Jambheshwar University of Science and Technology, Hisar during September 25-26, 2023.
- Perform Proctorial duty during the cultural event 2023-24 to be held at Chaudhary Ranbir Singh Auditorium, Guru Jambheshwar University of Science and Technology, Hisar during September 29, 2023.

- Perform Proctorial duty during Celebration of University Foundation Day to be held at Chaudhary Ranbir Singh Auditorium, Guru Jambheshwar University of Science and Technology, Hisar during October 20, 2023.
- Member Stage Decoration & Lamp Lighting Committee, Youth Festival organized by Guru Jambheshwar University of Science and Technology, Hisar during October 28-29, 2023.
- Organizing secretary in workshop on “Differential Equations and its Applications” organized by Department of Mathematics, Guru Jambheshwar University of Science & Technology, Hisar sponsored by Haryana State Council for Science, Innovation and Technology on February 2, 2024.
- Member, Registration/Reception Committee, National Conference on “Photonics and Material Science” (NCPMS-2024) organized by Department of Physics, Guru Jambheshwar University of Science & Technology, Hisar during March 14-15, 2024.

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training		
Placement		

- **Note:-** Please attach a list of companies alongwith number of students for training and placement with dates, etc..

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i) Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/International	Number of participants	Dates/ Duration
Workshop on “Differential Equations and its applications”	National	Appx. 250	02.02.2024

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
Impect of Mathematics on Everyday Life	Prof. Dinesh Madan	100	22.12.2023

iii. Students tour :Nil.

iv. Industry interaction programmes:

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration

(XIX) Awards/ Honours received by Faculty :Nil.

(XX) Any other important Information/ Achievement of the Department:

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
--	--	--	--
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
21	--	21	4.853
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
--	--	--	--
Total number of funded research projects	Completed	Ongoing	-
--	01	01	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
31	06	06	--

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

The research progress of the Department of Mathematics is very good as 21 research papers have been published by Faculty members in Journals of National/ International repute and also have participated in various Conferences/ Seminars.

Plan for the next year:

1. To organize one National Seminar / Conference/ Workshop.
2. To Present Research findings in National/ International Conference/ Seminar.
3. To submit research proposals to different Funding Agencies by the faculty members.

DEPARTMENT OF MECHANICAL ENGINEERING

(I) NAME : Mechanical Engineering Department

(II) Year of Establishment : 2004

(III) (a) Vision of the department:

- To build a world-class department by excelling in research, design and development areas through sustainable growth, in order to produce the best globally competitive engineers.

(b) Mission of the department:

- To develop mechanical engineering graduates and post graduates, for a successful career in industry and academia around the world through effective teaching learning and training.
- To develop the capability of graduates and postgraduates for creating innovative products/systems in order to improve the quality of life.
- To establish an environment which encourages and builds an exemplary professional having ability to solve societal problems through engineering and professional skills.

(c) Objective of Department:

- Apply technical skill and professional knowledge in engineering practices to face industrial challenges around the world.
- To prepare the students to lead a successful career in industries or to pursue higher studies or to support entrepreneurial endeavors.
- Inculcate effective team work, ethics, and leadership with ability to solve societal problems.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength (total)
Ph.D.	15	15
P.G. M.Tech (Mech Engg)	20	17
UG B.Tech (Mech Engg)	60+6 (LEET)	256
Any other	--	--

(v) Faculty detail

(Attach a list of the Faculty alongwith their qualification and experiences)

	<i>Sanctioned</i>	Direct filled	Under CAS	Remarks if any
Professor	03	--	07	--
Associate Professor	03	01	--	--
Assistant Professor	11	11	--	05 (Regular) 05 (on contract)

List of the Faculty

Sr. No.	Name of faculty	Designation	Qualification	Experiences	
				Teaching	Industry
1.	Dr. Hem Chander Garg	Professor	Ph.D.	25	--
2.	Dr. Pankaj Sharma	Professor	Ph.D.	22	--
3.	Dr. Vishal Gulati	Professor	Ph.D.	22	--
4.	Dr. Munish Gupta	Professor	Ph.D.	21	1.25
5.	Dr. Pankaj Khatak	Professor	Ph.D.	20	--
6.	Dr. Puneet Katyal	Professor	Ph.D.	20	--
7.	Dr. Mahesh Kumar	Professor	Ph.D.	20	--
8.	Dr. Kamal Deep	Assistant Professor	Ph.D.	20	01
9.	Dr. Rakesh Kumar	Assistant Professor	Ph.D.	12	--
10.	Sh. Jagdip Chauhan	Assistant Professor	ME, Ph.D. (Pursuing)	12	0.66
11.	Sh. Rajender Singh	Assistant Professor	ME, Ph.D. (Pursuing)	14	02
12.	Dr. Sandeep Jindal	Assistant Professor	Ph.D.	20	--
13.	Dr. Himanshu Manchanda	Assistant Professor (on contract)	Ph.D.	11	--
14.	Sh. Paramjeet Lamba	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	11	--
15.	Sh. Vijay Singh	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	12	--
16.	Dr. Sonu Mathur	Assistant Professor (on contract)	Ph.D.	11	--
17.	Sh. Sudhir	Assistant Professor (on contract)	ME, Ph.D. (Pursuing)	11	--

(vi) Office/ Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
ADEO	To be obtained from Estt. Branch	00
Steno	--do--	00
Clerk-cum-JDEO	--do--	02 (Regular) 01 (on contract)
PEON	--do--	02 (contract)

(VII)**(a) Students detail in respect of M.Tech Programmes:**

<i>Programme (s)</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st year</i>	<i>Students present final year</i>
M. Tech.	20	11	06

(b) Students detail in respect of B.Tech Programmers:

1st year		2nd year		3rd year	4th year
Sanctioned intake	Students admitted	Sanctioned intake through LEET	Students present	Students present	Students present
60	69	6	63	66	58

(d) Detail of foreign students if any, admitted in the department: NIL**(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-supervisor)**

Total no. of Ph.D. students	Registered during the year	Thesis completed during the year	Thesis awarded during the year
14	00	01	01

List of PhD scholars and supervisors:

Sr. No.	Reg. No.	Name	Name of Supervisor	Co-supervisor
1.	17169001	Mr. Ajay Singh Dahiya	Prof. Vishal Gulati	--
2.	180160090004	Mr. Paramjeet Lamba	Prof. Mahesh Kumar	--
3.	190160090001	Mr. Munish Kumar	Dr. Pankaj Khatak	--
4.	190160090002	Mr. Sunil Kumar	Dr. Puneet Katyal	--
5.	190160090005	Mr. Amit Malik	Prof. Mahesh Kumar	--
6.	190160090006	Mr. Naresh	Dr. Pankaj Khatak	--
7.	190160090105	Mr. Shimpy	Prof. Mahesh Kumar	Prof. Anil Kumar
8.	190160090103	Mr. Vijay Singh	Prof. H.C Garg	--
9.	200160090101	Mr. Parvez Khan	Prof. H.C Garg	--
10.	21016004	Mr. Rajender	Prof. Pankaj Sharma	--
11.	21016005	Mr. Jagdip Chauhan	Dr. Sandeep Jindal	--
12.	210160090105	Mr. Gaurav Kadiyan	Prof. Mahesh Kumar	--
13.	220160090102	Mr. Ajay Parkash	Prof. Mahesh Kumar	--
14.	220160090101	Mr. Sonu	Prof. Pankaj Sharma	--

(IX) Sponsored research /consultancy project:**(a).**

Total number of Projects in progress during the academic current year	Total number of Projects awarded during the academic current year	Total number of Projects completed during the academic current year
00	00	01

(b).

Title of the Project	Name of the Investigator(S)	Status: Completed/ in process	Nature: Research/ Consultancy	Month & Year of award
Efficacy of nanofluids on condensation-evaporation process for milk heating in an electric still	Dr. Rakesh Kumar	Completed	Research	Jan. 2023

(X) Publication of Faculty (in Total)

Books	Research paper		Research paper		Other articles
	SCI/Scopus	UGC care	Referred	Non referred	Book chapter
Nil	21	24	24	00	02

(XI) Faculty wise detail of publication:

(XXII) Books/book chapters/monograph etc.

Authors	Title	Year of publication	Type of books	Publishers
Prof. H.C. Garg	Investigating the Antiwear Characteristics of Castor Oil Based Ionano Lubricant using Four Ball Tester	2023	Book chapter	Springer Link
Prof. Vishal Gulati	Handbook of Flexible and Smart Sheet Forming Techniques: Industry 4.0 Approaches	2023	Book chapter	John wiley

(XXIII) Research Papers/Articles in journals

Author s	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	SCI/ Scopus	Impact Factor
Prof. HC Garg	2023	Tribological Evaluation of Rice Bran Oil Based nanolubricants Containing Ionic Liquids and Nanoparticles	Tribology - Materials, Surfaces & Interfaces	SAGE	17(3)	217-223	SCI	1.3
	2024	Dispersion Stability Analysis of Vegetable Oil Based Ionanolubricants	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, IMECHE	SAGE	238 (9)	-	SCI	1.6
Dr. Vishal Gulati	2024	Predictive and experimental analysis of forces in die-less forming using artificial intelligence techniques	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical	SAGE	-	-	SCI	2.3

			Engineering					
	2024	A comprehensive review on heat-assisted incremental sheet forming	International Journal on Interactive Design and Manufacturing (IJIDeM)	Springer	18	3583 – 3601	ESCI	2.1
Dr.Pune et Katyal	2023	Evaluating the bio-functionalities of Ti-6Al-7Nb alloy after surface modification using electrical discharge machining	Engineering Research Express	IOP Science	6	-	ESCI	1.5
Dr. Mahesh Kumar	2023	Effects of external reflector and glass cover cooling on thermo-enviro-economic performance of a stepped solar still	Heat Transfer	Wiley	53(1)	97-114	ESCI	2.8
	2023	Productivity amelioration of stepped solar still using phase change material and evacuated tube collector	Heat Transfer	Wiley	53(2)	847-866	ESCI	2.8
	2024	Experimental and simulation studies on the no-load performance assessment of a domestic solar dryer	Heat Transfer	Wiley	53(3)	1312-1335	ESCI	2.8
	2024	Insight into the Biomass-Based Briquette Generation from Agro-Residues: Challenges, Perspectives, and Innovations	Bio Energy	Springer	17	816–856	SCI	3.1
	2024	Design and optimization of a domestic solar dryer: an analytical approach	Engineering Computations	Emerald	-	-	SCI	1.5
	2024	Experimental ginger drying by a novel mixed-mode vertical solar dryer under partial and fully loaded conditions	Innovative Food Science & Emerging Technologies	Elsevier	95	-	SCI	6.3
Dr. Rakesh Kumar	2023	Effects of external reflector and glass cover cooling on thermo-enviro-economic performance of a stepped solar still	Heat Transfer	Wiley	53(1)	97-114	ESCI	2.8
Dr. Sandeep Jindal	2024	Influence of SAW Flux Ingredients on Chemical Compositions of Weldments of Duplex	Transactions of the Indian Institute of Metals	Springer	77	2887 – 2899	SCI	1.5

		Steel-2205						
	2024	Effect of fluxes in submerged arc welding for steel: A review	Materials Today: Proceedings	Elsevier			SCOP US	-
	2024	Effect and Optimization of Welding Parameters and Flux Baking on Weld Bead Properties and Tensile Strength in Submerged Arc Welding of HSLA 100 Steel	Transactions of the Indian Institute of Metals	Springer	77	747-766	SCI	1.5
	2024	Duplex Stainless Steel-2205; A short review of alloy addition and welding behavior	International Journal of Current Engineering and Technology	INPRESS CO	14(3)	113-119	-	-
	2024	Enhancing Composite Material Fabrication through Optimization: Employing Fruit Peel or Shell Powder as Reinforcements using Taguchi-GRA-PCA Methodology	Transdisciplinary Research and Education Center for Green Technologies, Kyushu University	Transdisciplinary Research and Education Center for Green Technologies, Kyushu University	11(2)	701-712	-	-
Mr. Jagdeep Chauhan	2023	A Review on optimization of Process parameters of weld bead using Taguchi analysis for steel 2062	Educational Administration: Theory and Practice	-	29(4)	2125-2130	SCOP US	-
	2024	Enhancing Composite Material Fabrication through Optimization: Employing Fruit Peel or Shell Powder as Reinforcements using Taguchi-GRA-PCA Methodology	Transdisciplinary Research and Education Center for Green Technologies, Kyushu University	Transdisciplinary Research and Education Center for Green Technologies, Kyushu University	11(2)	701-712	-	-
Dr. Himanshu Manchanda	2023	Effects of external reflector and glass cover cooling on thermo-environmental performance of a stepped solar still	Heat Transfer	Wiley	53(1)	97-114	ESCI	2.8
	2023	Productivity amelioration of stepped solar still using phase change material and evacuated tube collector	Heat Transfer	Wiley	53(2)	847-866	ESCI	2.8

Dr. Kamaldeep	2023	Facility Layout for flexible Manufacturing System using genetic algorithm	International journal of process management and bench marking	Inderscience submission	--	--	Scopus	1.8
	2024	A comprehensive approach to UA facility layout design using genetic algorithm	International journal of industrial and system engineering	Inderscience submission			Scopus	2.0
Dr. Sonu Kumar	2024	Artificial Intelligence based orthopaedic perpetual design	Journal of clinical orthopaedic and Trauma	Elsevier	49	102356	Scopus	

(XII) Participation of faculty in seminal/conference/workshop and refresher courses etc. during 2023-2024:

a) Total number of Seminars/Conferences attended by faculty and papers presented:

Position	Attended			Paper Presented		
	International	National	Total	International	National	Total
Professor	00	--	00	00	--	00
Associate Professor	00	--	00	00	--	00
Assistant Professor	00	01	01	00	01	01

b) International conference/seminar/workshops:

Name of faculty	Title of paper presented	Theme of conference/seminar/workshop	Name of host organization	Place	Dates/Duration	Funded by UGC/DST/C SIR/AICTE/University etc.
Dr. Rakesh Kumar	An overview on available traditional and modern khoa manufacturing Techniques	Multidisciplinary approaches in engineering, social sciences, humanities and management	Sambhram Institute of Technology	Online	31 st May 2024/ one day	--

c) National Conference/Seminars/Workshops: Nil

d) Regional/State Level Conference/Seminars/Workshops: Nil

e) Refresher Courses/ Orientation Programme: - 04

Name of faculty	Title of refresher/short term course	Name of host organization	Dept.	Place	Date
Rajender Singh	E-content development and online pedagogy	UGC-HRDC GJU S&T	GJU S&T	Hisar	03/08/2023 to 09/08/2023
Dr. Rakesh Kumar	E-content development and online pedagogy	UGC-HRDC GJU S&T	GJU S&T	Hisar	03/08/2023 to 09/08/2023
Dr. Sandeep Jindal	Interdisciplinary Refresher Course on Advanced Research Methodology	Ramanujan College, University of Delhi	Teaching learning Centre	Online	22-09-2023 to 06-10-2023
Jagdip Chauhan	E-content development and online pedagogy	UGC-HRDC GJU S&T	GJU S&T	Hisar	03/08/2023 to 09/08/2023

Dr. Kamaldeep	Recent Trends in Additive Manufacturing	SLIET, Longowal	Mechanical Engineering	Longowal	18/12/2023-22/12/2023
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(f) National/International Webinars Attended

Name of Teacher/Faculty	Title of Webinar	Host organization	Date

f) Total Number of Refresher/Oriented Courses/ Webinar attended:

i)	Refresher Courses/FDP/STTP	:	05
ii)	Oriented Courses	:	00
iii)	Webinar	:	00
iv)	Total	:	05

(XIII) Association with national and state level bodies

- i) Membership of professional bodies: 00
- ii) Member of expert committee : 00
- iii) Member of Academic bodies of various another institute: 00

(XIV) Detail of consultancy work in dept: Nil

(XV) Lecture delivered (Give teacher wise detail)

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. HC Garg	Incharge UWD	May 2023- ongoing
2	Prof. Vishal Gulati	Director, PDUIIC	April-2022, ongoing
3	Prof. Munish Gupta	Deputy- Director, PDUIIC	October-2022, ongoing
4	Prof. Pankaj Khatak	Chief Mentor, IDEA Lab	September 2023, ongoing
5	Prof. Mahesh Kumar	Deputy-Director, CIIP	June 2023, ongoing
6.	Dr. Rakesh Kumar	Hostel Warden	March 2024, ongoing

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	17	05
Placement	38	12

(XVIII) Detail of academic activities/program organized in department during the year:

i) Seminar/conference/refresher course/workshop/training programme/FDP:

Name of event	National/International	Number of participants	Date/duration
Boot camp on Drone Technology and applications	National	75	05/02/2024-09/02/2024 (5 Days)
Tractor Engine Maintenance and Testing training	National	180	11 th October to 13 th October 2023 (3 Days)
Skill Development Training Program in Mechanical Engineering Software Tools	National	40	26th June 2023 to 25th July 2023 (30 days)
AutoKriti 13	National	180	5th October to 8th October 2023 (3 Days)

ii) Extension lectures: Nil

iii) Students tour/ training program: 01

Places visited	Number of participants	Date/duration	Faculty Incharge
Khedar Thermal Power Plant, Hisar	38	01/05/2024-02/05/2024 (2 Days)	Prof. Pankaj Khatak Dr. Rakesh Kumar

iv) Industry interaction programme: Related to TPO Cell

(XIX) Award/Honors received by Faculty: 01

Name of teacher	Title of the award	name of awarding agency	National/ International	Date conferred
Prof. Mahesh Kumar	Top 2% Global Scientist	Stanford University	International	

(XX) Any other important information/achievement of the Department: Started a new programme B.Tech (Mechanical Engineering) for working professional programme from session 2023-24

DEPARTMENT OF MECHANICAL ENGINEERING, GJUS&T, HISAR

Summary of Research Publications:

Total Books Published	Books published in International publisher	Books published in national publisher	
Nil	Nil	Nil	
Total Research papers published in Journals	Total published in UGC-CARE List Group-1 (Journal found qualified through UGC-CARE protocols)	Total published in UGC-CARE List Group-2 (Journal Indexed in WOS/Scopus)	Highest Impact Factor
24	24	21	6.3
Total Number of papers published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	
01	--	01	
Total number of funded research projects	Completed	Ongoing	
01	01	00	
Total Number of scholars registered in Ph.D. programme	Ph.D. Degree submitted	Ph.D. Degree awarded	
01	01	01	

Overall recommendations of the chairperson based on the annual report and academic and research plan for the next year through academic committee of the department.

- More emphasis will be given to research activities.
- Project work/ consultancy work will be applied.
- Seminars/workshop will be organized in the department.
- Industrial tours will be organized by the department.
- Extension lecture will be organized in the department.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

(I) **NAME** : Department of Pharmaceutical Sciences

(II) **Year of Establishment** : 1995

(III) **(a) State the vision of the Department:**

To develop centre of excellence in education, training and research in the field of Pharmaceutical Sciences where teaching and research encrust detailed understanding from Drugs to Human health

(b) State the mission of the Department:

- i. To continuously evaluate our performance against National and International benchmarks and to develop dynamic programmes according to the need of the society leading to global tie-ups to meet our stakeholders requirements.
- ii. To develop teaching and research programmes that has relevance to the society and employability.

(c) State the objective of the Department:

(As resolved by Staff Council)

- i. To produce quality pharmacists catering to the needs of pharmaceutical industry, hospitals, academics and society.
- ii. To focus on recent advancements in Pharmaceutical Sciences through research.

(IV) **Programme (s) offered in the department**

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.		
P.G	45+45	42+41
U.G	74 each year + 6 LEET each year from 2nd year onwards + left over seats B. pharm. 1st year	289
Any other		

(V) **Faculty detail**

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	4	2	08	
Associate Professor	7	1	00	
Assistant Professor	13	11	00	-

List of Teaching Staff

S. No.	Name	Designation	Qualification	Teaching Experience (years)
1.	Dr D.C. Bhatt	Professor	M Pharm, PhD	34
2.	Dr Sumitra Singh	Professor & Dean	M Pharm, PhD	26
3.	Dr Sunil Sharma	Professor & Chairperson	M Pharm, PhD	27

4.	Dr Dinesh Dhingra	Professor	M Pharm, PhD	30
5.	Dr Munish Ahuja	Professor	M Pharm, PhD	27
6.	Dr Sandeep Jain	Professor	M Pharm, PhD	28
7.	Dr Archana Kapoor	Professor	M Pharm, PhD	17
8.	Dr Ashwani Kumar	Professor	M Pharm, PhD	17
9.	Dr Sunil Kumar	Professor	M Pharm, PhD	17
10.	Dr Meenakshi Bhatia	Professor	M Pharm, PhD	17
11.	Dr Rekha Rao	Assistant Professor	M Pharm, PhD	17
12.	Dr Vikramjeet Singh	Assistant Professor	M Pharm, PhD	13
13.	Dr Manoj Kumar	Assistant Professor	M Pharm, PhD	10
14.	Dr. Kavita	Assistant Professor	M Pharm, PhD	09
15.	Dr. Naresh Kumar	Assistant Professor (On contract)	M Pharm, PhD	15
16.	Dr. Ravi	Assistant Professor (On contract)	M Pharm, PhD	10
17.	Dr. Deepak Kumar Jindal	Assistant Professor (On contract)	M Pharm, PhD	11
18.	Ms. Himanshi	Assistant Professor (On contract)	M Pharm	09
19.	Dr. Sonali Batra	Assistant Professor (On contract)	M Pharm, PhD	06
20.	Dr. Samridhi	Assistant Professor (On contract)	M Pharm, PhD	06

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Technical Asstt. Gr-1/ S. Keeper	01	01
Asstt-cum-DEO	01	01
Clerk	01	00
Steno	01	01
Lab Attendant	09	09 (6 + 1 Lab. Tech+ 2TA-I)
Animal Attendant (In EAF)	01	01
Peon	02	02

VII)

a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M. Pharmacy	45	42	41

b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes

1 st year		2 nd year		3 rd year	4 th year
Sanctioned Intake	Students admitted	Sanctioned intake through LEET	Students Present	Students Present	Students Present
74	69	74+6	78	71	71

c) Detail of Foreign Students, if any, admitted in the Department: Nil.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
22	3	5	6

List of ongoing PhD scholars of Department of Pharmaceutical Sciences

S. No.	Regn. no.	Candidate	Supervisor	Co-supervisor
1	17129001	ShaliniYadav	Prof. Sunil Sharma	
2	180120090001	Padmnabh	Prof. D C Bhatt	
3	190120290002	Pooja Kumari	Prof. MunishAhuja	Dr.Viney Kant
4	190120290101	Rashmi	Prof. MunishAhuja	
5	190120290005	Sunidhi	Dr.Meenakshi Bhatia	
6	190120390001	Kulwant Singh	Prof. Dinesh Dhingra	
7	190120190102	Bhawna	Dr. Sunil Kumar/	Dr. Ashwani Kumar
8	190120390101	Manisha	Prof. Sunil Sharma/	Prof. NeeruVasudeva
9	190120390102	Hemlata	Prof. Sunil Sharma/	Prof. NeeruVasudeva
10	190120390103	Prity	Prof. Dinesh Dhingra	
11	190120390104	Pinki	Prof. Sunil Sharma/	Prof. NeeruVasudeva
12	200120290101	Sonika Rani Jangra	Prof. D. C. Bhatt	
13	210120190101	Bharti	Dr. Archana Kapoor	
14	210120190102	Alka Yadav	Dr. Vikramjeet Singh	
15	210120190103	Rekha Tanwar	Prof. Sandeep Jain	Dr. Vikramjeet Singh
16	210120190104	Bhupender	Dr. Manoj Kumar/	Dr. Pooja Chawla
17	210120490101	Diksha Kataria	Prof. Sumitra Singh	
18	220120190101	Poona Rani	Dr. Manoj Kumar	
19	190120290004	Raghuvir Singh	Dr. Rekha Rao	
20	190120490002	Savina	Prof. Sumitra Singh	
21	190120190001	Arti	Prof. Ashwani Kumar	
22	190120190006	Varsha	Dr. Rekha Rao	

(IX) Sponsored Research/ Consultancy Projects:

(a.)

Total no. of Projects in Progress during the academic current year	Total No. of Projects awarded during the academic current year	Total No. of Projects Completed during the academic current year
02	02	00

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/ In Progress	Nature: Research/ Consultancy	Month & Year of award
Design and development of electrospun fibers formulation for drug delivery applications	Prof. Munish Ahuja (PI)/ Dr Vikramjeet Singh (Co-PI)	In Progress	Research	March 2023
Development of hyphenated bioactive frameworks based on imidazole towards effective therapeutic agents	Prof. Vikas Verma (PI)/ Prof. Ashwani Kumar (Co-PI)	In Progress	Research	February 2024
	TOTAL	02		

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
04	57		57		

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc.****Prof. Sunil Sharma**

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Sunil Sharma, Ramchander Khatri	Gut Dysbiosis: Root Cause and Health Impact. (Vol I),	2024	Reference	Weser Books, Germany
Prerna Sharma, Sumeet Gupta, Hitesh Malhotra, Bhawna Chopra, Sunil Sharma,	Emerging Approaches to Tackel Neglected Diseases: From Molecule to End Product	2024	Reference	Bentham Science

Prof. Munish Ahuja

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Rimpy Pahwa, Rashmi Sharma, Munish Ahuja	Chapter 22 - Gellan gum-based ocular formulations,	2024	Reference	Academic Press
Himanshi, Manu Sharma, Munish Ahuja, Ravi Berwal	Role of nanotechnology in delivering phyto herbals as targeted drug delivery systems	2024	Reference	Nova Science

Prof. Ashwani Kumar

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Kiran Bagri, Ashwani Kumar, Parvin Kumar, Archana Kapoor, Vikas Verma	Computational Methods for the Design and Development of Glutaminyl Cyclase Inhibitors in Alzheimer's Disease	2023	Reference	Springer
Parvin Kumar, Ashwani Kumar	CORAL: Predictions of Quality of Rice Based on Retention Index Using a Combination of Correlation Intensity Index and Consensus Modelling	2023	reference	Springer

Rahul Singh, Parvin Kumar, Meena Devi, Ashwani Kumar, Ritu Langyan, Sohan Lal	Other medicinal applications	2024		Elsevier
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Dr. Manoj Kumar

Authors	Title	Year of publication	Type of books(Text/ Reference/Report)	Publishers
Bhupender Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A Chawla	Chapter 10- Synthesis of bioactive N, S- heterocycles under solvent-free conditions	2023	Reference	Walter de Gruyter GmbH & Co KG
Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla	Chapter 13- Role of spectroscopy in drug discovery	2024	Reference	Walter de Gruyter GmbH & Co KG
Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla, Monika, Honey Goel, Imtiyaz Ahmed Najar	Chapter 15- Developing safer therapeutic agents through toxicity prediction	2024	Reference	Walter de Gruyter GmbH & Co KG
Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla, Sarita Pawar	Chapter 16- Identifying prominent molecular targets in the fight against drug resistance	2024	Reference	Walter de Gruyter GmbH & Co KG
Bhupender Nehra, Manoj Kumar, Pooja A Chawla, Viney Chawla	Chapter 17- Delivering cancer chemotherapeutics to the brain through novel drug delivery system	2024	Reference	Academic Press

Dr Kavita

Authors	Title	Year of publication	Type of books(Text/ Reference/Report)	Publishers
Dr. Kavita Bahmani, Dr. Neelam Pawar	Regulatory Aspects of Hebal & Biologicals	2023	Reference	Academic Publisher
Dr. Kavita Bahmani, Dr.	Scale up and Technology Transfer	2024	Reference	Edsol Infomatics

Neelam Pawarm Ms. Aparajita Raina	in Pharmaceutical Industry			
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Dr. Ravi

Authors	Title	Year of publication	Type of books(Text/ Reference/ Report)	Publishers
Himanshi, Manu Sharma, Munish Ahuja, Ravi Berwal	Role of nanotechnology in delivering phyto herbals as targeted drug delivery systems	2024	Reference	Nova Science

Ms. Himanshi

Authors	Title	Year of publication	Type of books(Text/ Reference/Report)	Publishers
Himanshi, Manu Sharma, Munish Ahuja, Ravi Berwal	Role of nanotechnology in delivering phyto herbals as targeted drug delivery systems	2024	Reference	Nova Science

Dr. Sonali Batra

Authors	Title	Year of publication	Type of books(Text/ Reference/Report)	Publishers
Sharma, S., Batra, S., Chauhan, M.K., Kumar, V.	Photothermal Therapy for Cancer	2023	Reference	Springer

b)

Research Papers/ Articles in Journals

Prof. Sumitra Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Bhupender Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla,	2024	Sojourn of Nitrogenous Heterocycles as Promising Antileishmanial Agents: Medicinal Perspectives	Chemistry Africa	Springer	7	3485-3529	Yes	2.3

Pooja A. Chawla		and Structure–Activity Relationship Studies						
Bhupender Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A. Chawla, Parul Grover	2024	Recent Developments in the Antimicrobial Potential of Some Nitrogenous Heterocycles and their SAR Studies: A Review.	Current Medicinal Chemistry	Bentham Science	-	-	Yes	3.5

Prof. Sunil Sharma

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Shukla, Sunil, Sunil Sharma, Neeru Vasudeva, and Tanuj Hooda	2024	"Danshensu Attenuates Diabetes Associated Cognitive Dysfunction by Markedly Reversing Oxidative Stress, A β and AChE Activity	Ind. J. Pharm. Edu. Res	APTI	58:2	503-509	Yes	-
Shukla, Sunil, Sunil Sharma, Neeru Vasudeva, and Tanuj Hooda	2024	Ameliorative Effect of Cichoric Acid against Diabetes Associated Cognitive Decline with Emphasis on Neurobehavioral Activity, A β and AChE	Ind. J. Pharm. Edu. Res	APTI	58:2	595-602	Yes	-
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar	2024	Administration of Citrullus colocynthis Linnaeus Extracts for the Treatment of Hypothyroid Obesity and Study of Thyroid Histology and Related Biochemical Indicators in Mice.	Current Functional Foods	Bentham Science	-	-	Yes	-
Ravi Berwal, Neeru Vasudeva,	2024	Phyto-Chemical characterization of ethanol extract of <i>Acacia arabica</i> (Lam.)	Bulletin of Environment, Pharmacology and Life Sciences.	-	13:2	172-177	Yes	-

Sunil Sharma, Manisha, Amit Lather, Tanuj Hooda.		Willd root utilizing GC-MS						
Nidhi Khatri, Sunil Sharma	2023	The Neuroprotective Approach of Amide Analogue of Kynurenic Acid at Mid-Early Stages of Traumatic Brain Injury: A pre-clinical study in mice.	Eur. Chem. Bull.	Deuton-X Ltd	12:4	13704-13724	Yes	3.71
Manisha, Neeru Vasudeva, Sunil Sharma.	2023	Possible Treatment for Traumatic Brain Injury induced Multi-Organ Dysfunction Syndrome through Plants	CNS & Neurological Disorders Drug Targets	Bentham Science	-	-	Yes	3
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Possible Mechanism and Pharmacological Activities of a Flavolignan Silibinin.	Current Bioactive Compounds	Bentham Science	19(7)	1-16	Yes	0.21
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Phytochemistry and Pharmacological Aspects of Apigenin: A Review.	The Natural Products Journal				Yes	0.86

Prof. Dinesh Dhingra

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Sudha Bansal, Dinesh Dhingra	2023	Behavioral, biochemical and histopathological evaluation of sinapic acid for antidepressant activity in normal mice and stressed mice.	Research Journal of Pharmacy and Technology	AV Publications, Raipur	16(8)	3569-3577	Yes	---
Jyoti Bakshi, Sapna Grewal, Dinesh Dhingra,	2023	Improving the biological properties of berberine by using gellan and gum acacia as a	Carbohydrate Polymer Technologies and Application	Elsevier	6	100347	Yes	6.2

Santosh Kumari.		potential delivery carrier.	ns					
Meenakshi Mehra, Sapna Grewal, Dinesh Dhingra, Rajesh Thakur, Santosh Kumari.	2023	Synthesis and Optimization of Sodium Alginate-Tween 80 nanocarrier for Berberine delivery.	Journal of Advanced Zoology		44(2)	4644-4654.	No	--
Abhishek Sharma, Dinesh Dhingra , Rubina Bhutani , Amit Nayak and Adish Garg.	2024	Depression-reminiscent Behavior Induced by Chronic Unpredictable Mild Stress Paradigm in Mice Substantially Abrogated by Diosmin.	Current Psychiatry Research and Reviews	Bentham Science	20(3)	251-269	Yes	0.3
Meenakshi Mehra, Jyoti Sheorain, Jyoti Bakshi, Sapna Grewal, Dinesh Dhingra, Manju Bernela, Santosh Kumari.	2024	Sodium alginate polymer nanoformulation as promising carrier for berberine delivery: Synthesis, morphology and in-vitro evaluation.	Carbohydrate Polymer Technologies and Applications	Elsevier	7	100408	Yes	6.2
Meenakshi Mehra, Jyoti Sheorain, Jyoti Bakshi, Rajesh Thakur, Sapna Grewal, Dinesh Dhingra, Santosh Kumari.	2024	Synthesis and evaluation of berberine loaded chitosan nanocarrier for enhanced <i>in-vitro</i> antioxidant and anti-inflammatory potential.	Carbohydrate Polymer Technologies and Applications	Elsevier	7	100474	Yes	6.2

Prof. Munish Ahuja

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/S copus (Yes/ No)	Impact factor
Himanshi, Manu Sharma, Munish Ahuja	2024	Fabrication and Characterization of Poloxamer Based Gel Formulations for Drug Delivery	Annals of Biology	Agri Bio Science	40 (1)	81-87	Yes	0.32
Himanshi, Manu Sharma, Munish Ahuja	2024	Preparation and Evaluation of Berberine Chloride Loaded Poloxamer Gel for Transungual Delivery	Annals of Biology	Agri Bio Science	40 (1)	73-80	Yes	0.32
Kumari, Pooja, Kant, Vinay, Ahuja Munish	2024	Formulation, characterization, in vitro and in vivo evaluation of thermoresponsive lawsone-based Pluronic F-127 nanogels for wound healing	Journal of Drug Delivery Science and Technology	Elsevier	-	-	Yes	4.5
Kumari, Sushma, Ahuja, Munish, Duhan, Surendera.	2024	Controlling release and cytotoxicity with berberine-loaded KIT-6.	Materials Research Innovations	Taylor and Francis online	-	-	Yes	-
Kumari, Pooja, Kant, Vinay, Chandratre, Gauri A., Ahuja, Munish.	2024	Formulation and Evaluation of Pluronic F-127 Thermoresponsive nanogels containing juglone for in vivo wound healing potential.	BioNano Sci.	Springer	-	-	Yes	3

Prof. Archana Kapoor

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/S copus (Yes/ No)	Impact factor
Kadian, Varsha, Pooja	2023	Comparative evaluation of dithranol-loaded	Future Journal of Pharmaceut	Springer nature	-	2314-7253.	Yes	2.4

Dalal, Sunil Kumar, Archana Kapoor, and Rekha Rao		nanosponges fabricated by solvent evaporation technique and melt method	ical Sciences					
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Prof. Ashwani Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Laxmi Narayan, Parvin Kumar, Jayant Sindhu, Ashwani Kumar, Devender Singh, Sohan Lal, Harish Kumar	2024	Quinoxaline-linked N-acyl hydrazine: A “turn-off” fluorescent probe for the selective recognition of Fe ³⁺ in real water samples	Journal of Photochemistry and Photobiology A: Chemistry	Elsevier	457	115857	Yes	4.1
Rahul Singh, Jayant Sindhu, Meena Devi, Parvin Kumar, Sohan Lal, Ashwani Kumar, Devender Singh, Harish Kumar	2024	Synthesis of thiazolidine-2,4-dione tethered 1,2,3-triazoles as α -amylase inhibitors: In vitro approach coupled with QSAR, molecular docking, molecular dynamics and ADMET studies	European Journal of Medicinal Chemistry	Elsevier	275	116623	Yes	6.0
Ravinder Punia, Satbir Mor, Mohini Khatri, Deepak Kumar, Priyanku Pradip Das, Deepak Kumar Jindal,	2024	Facile synthesis and in silico studies of benzothiazole-linked hydroxypyrazolones targeting α -amylase and α -glucosidase	Future Medicinal Chemistry	Taylor and Francis Online	16:10	999-1027	Yes	3.2

Ashwani Kumar, Prem Selvaraj, Rajnish Kumar, Rajni Mohil, Komal Jakhar								
Ravinder Punia, Satbir Mor, Suchita Sindhu, Deepak Kumar, Priyanku Pradip Das, Deepak Kumar Jindal, Ashwani Kumar, Rajni Mohil, Komal Jakhar	2024	Design, synthesis, α -amylase and glucose diffusion inhibition, and molecular docking studies of new indenopyrazolones bearing benzothiazole derivatives	Bioorganic & Medicinal Chemistry Letters	Elsevier	103	129692	Yes	2.5
Pratibha Periwai, Ashwani Kumar, Vikas Verma, Devinder Kumar, Mahavir Parshad, Meenakshi Bhatia, Sourbh Thakur	2024	Design, Synthesis, and Antimicrobial Evaluation of Novel Sulfonamide Modified with Azoles	Current Organic Chemistry	Bentham Science	28:7	558-572	Yes	1.7
Arti Soni, Ashwani Kumar, Vivek Kumar, Ravi Rawat, Volkan Eyupoglu	2024	Design, synthesis and evaluation of aminothiazole derivatives as potential anti-Alzheimer's candidates	Future Medicinal Chemistry	Taylor and Francis Online	16:6	513-529	Yes	3.2
Satbir Mor, Ravinder	2024	Synthesis, biological	Journal of Molecular	Elsevier	1296	136759	Yes	4.0

Punia, Mohini Khatri, Deepak Kumar, Ashwani Kumar, Deepak Kumar Jindal, Namita Singh, Renuka Sharma, Manzoor Ahmed, Sanket Shukla, Komal Jakhar		evaluations and in silico studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents	Structure					
Pratibha Periwal, Vikas Verma, Devinder Kumar, Ashwani Kumar, Meenakshi Bhatia, Sourbh Thakur, Mahavir Parshad	2024	Novel azole–sulfonamide conjugates as potential antimicrobial candidates: synthesis and biological assessment	Future Medicinal Chemistry	Taylor and Francis Online	16:2	157-171	Yes	3.2
Bhawna, Sunil Kumar, Parvin Kumar, Ashwani Kumar	2024	Correlation Intensity Index- Index of Ideality of Correlation: A hyphenated target function for furtherance of MAO-B inhibitory activity assessment	Computational Biology and Chemistry	-	108	-	-	-
Rahul Singh, Parvin Kumar, Jayant Sindhu, Ashwani Kumar, Sohan Lal	2023	CORAL: probing the structural requirements for α -amylase inhibition activity of 5-(3-arylallylidene)-2-(arylimino)thiazolidin-4-one derivatives based	Journal of Biomolecular Structure and Dynamics	Taylor and Francis	https://doi.org/10.1080/07391102.2023.2265490		Scopus	2.7

		on QSAR with correlation intensity index, molecular docking, molecular dynamics, and ADMET studies						
Parvin Kumar, Ashwani Kumar, Jayant Sindhu, Sohan Lal	2023	Quasi-SMILES as a basis for the development of QSPR models to predict the CO ₂ capture capacity of deep eutectic solvents using correlation intensity index and consensus modelling	Fuel	Elsevier	345	128237	Scopus	6.7
Alla P Toropova, Andrey A Toropov, Parvin Kumar, Ashwani Kumar, P Ganga Raju Achary	2023	Fragments of local symmetry in a sequence of amino acids: Does one can use for QSPR/QSAR of peptides?	Journal of Molecular Structure	Elsevier	1293	136300	Scopus	4
Laxmi Narayan, Jayant Sindhu, Parvin Kumar, Ashwani Kumar, Devender Singh, Sohan Lal	2023	Quinoxaline-derived “turn off” fluorescent sensor for the selective detection of Fe ³⁺ : Synthesis, spectroscopic analysis, BSA binding and computational studies	Journal of Molecular Structure	Elsevier	1293	136223	Scopus	4
Meena Devi, Parvin Kumar, Rahul Singh, Jayant Sindhu, Ashwani Kumar, Sohan Lal, Devender	2023	α -amylase inhibition and in silico studies of novel naphtho[2,3-d]imidazole-4,9-dione linked N-acyl hydrazones	Future Medicinal Chemistry	Taylor and Francis	15	1511-1525	Scopus	3.2

Singh, Harish Kumar								
Rahul Singh, Parvin Kumar, Jayant Sindhu, Meena Devi, Ashwani Kumar, Sohan Lal, Devender Singh, Harish Kumar	2023	Thiazolidinedione-triazole conjugates: design, synthesis and probing of the α -amylase inhibitory potential	Future Medicinal Chemistry	Taylor and Francis	15	1272-1294	Scopus	3.2

Prof. Sunil Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Kadian, Varsha, Pooja Dalal, Sunil Kumar, Archana Kapoor, and Rekha Rao	2023	Comparative evaluation of dithranol-loaded nanosponges fabricated by solvent evaporation technique and melt method	Future Journal of Pharmaceutical Sciences	Springer nature	-	2314-7253.	Yes	2.4
Bhawna, Sunil Kumar, Parvin Kumar, Ashwani Kumar	2024	Correlation Intensity Index- Index of Ideality of Correlation: A hyphenated target function for furtherance of MAO-B inhibitory activity assessment	Computational Biology and Chemistry	-	108	-	-	-

Prof. Meenakshi Bhatia

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Sunidhi Lohan, Ravinder Verma,	2023	Optimization and evaluation of microwave-assisted	Future Journal of Pharmaceutical	Springer	9:117	-	Yes	3.1

Deepak Kaushik and Meenakshi Bhatia		curcumin-loaded nanostructured lipid carriers: a green approach	Sciences					
Meenakshi Bhatia and Sunita Devi	2023	Co-crystallization: a green approach for the solubility enhancement of poorly soluble drugs	CrystEngComm	Royal Society of chemistry	26	293-311	Yes	3.1
Pratibha Periwal, Ashwani Kumar, Vikas Verma, Devinder Kumar, Mahavir Parshad, Meenakshi Bhatia and Sourbh Thakur	2024	Design, Synthesis, and Antimicrobial Evaluation of Novel Sulfonamide Modified with Azoles	Current Organic Chemistry	Bentham Science	28	558-72	Yes	2.2
P Rani, V Verma, S Kumar, M Bhatia	2024	Isolation, characterization and evaluation of pineapple crown waste nanofiber gel entrapping ampicillin in topical bacterial infections	Iranian Polymer Journal	Springer	J33	687-698	Yes	2.4
Pooja Rani, Rimpay Pahwa, Vikas Verma, Meenakshi Bhatia	2024	Preparation, characterization, and evaluation of ketoconazole-loaded pineapple cellulose green nanofiber gel	International journal of biological macromolecules	Elsevier	262:2	130221	Yes	7.7

Dr Rekha Rao

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Kadian, Varsha, and Rekha Rao	2024	Enhancing anti-inflammatory effect of brucine nanohydrogel	3 Biotech.	Springer nature	14:6	157	Yes	2.8

		using rosemary oil: a promising strategy for dermal delivery in arthritic inflammation.						
Kumar, Sunil, Babu Lal Jangir, and Rekha Rao	2024	Novel Topical Clobetasol Propionate Nanosponges Loaded Hydrogel for Psoriasis: Irritation Evaluation, Mechanistic Insights, in Vivo Appraisal and Biochemical Investigations	BioNanoScience	Springer nature	-	1-18	Yes	3
Kumar, Sunil, and Rekha Rao	2023	Dermal Nanomedicines: Recent Progress and Advances	Current Nanoscience	Bentham Sciences	19:4	-	Yes	1.513
Kadian, Varsha, and Rekha Rao	2023	Exploring the in vitro anti-arthritic potential of capsaicin-coordinated β -cyclodextrin nanosponges	Journal of Drug Delivery Science and Technology	Elsevier	87	104801	Yes	5
Dalal, Pooja, and Rekha Rao	2023	β -Cyclodextrin nanosponges for enhanced anti-melanoma potential of silymarin with functions of anti-oxidant, anti-inflammatory and anti-tyrosinase	Results in Chemistry	Elsevier	6	101006	Yes	2.3
Alhelal, Hawra Mohammed, Sidharth Mehta, Varsha Kadian, Vandita Kakkar, Himanshi Tanwar, Rekha Rao, Bandar	2023	Solid lipid nanoparticles embedded hydrogels as a promising carrier for retarding irritation of leflunomide	Gels	MDPI	-	576-583	Yes	4.4

Aldhubiab, Nagaraja Sreeharsha, Pottathil Shinu, and Anroop B. Nair								
Kadian, Varsha, Pooja Dalal, Sunil Kumar, Archana Kapoor, and Rekha Rao	2023	Comparative evaluation of dithranol-loaded nanosponges fabricated by solvent evaporation technique and melt method	Future Journal of Pharmaceutical Sciences	Springer nature	-	2314-7253.	Yes	2.4

Dr Vikramjeet Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Shikha Kamboj, Samridhi Thakral, Sunil Kumar, and Vikramjeet Singh	2023	Synthesis, biological evaluation and in silico studies of 3-hydroxy-N-(2-(substituted phenyl)-4-oxothiazolidin-3-yl)-2-naphthamide derivatives	Chemistry & Biodiversity	Wiley	20(6)	e202200976	Yes	2.9
Suprava Shah, Rakesh Narang, Vikram Jeet Singh, Pilli Govindaiah, Surender K. Nayak	2023	A review on anticancer profile of flavonoids: Sources, chemistry, mechanisms, structure-activity relationship and anticancer activity	Current Drug Research Reviews	Bentham Science	15 (2)	122-148	Yes	
Samridhi Thakral, Alka Yadav, Vikramjeet Singh, Manoj Kumar, Pradeep Kumar, Rakesh Narang,	2023	Alzheimer's disease: Molecular aspects and treatment opportunities using herbal drugs	Ageing Research Reviews	Elsevier	88	101960	yes	12.5

Kalvatala Sudhakar, Amita Verma, Habibullah Khalilullah, Mariusz Jaremko, Abdul- Hamid Emwas								
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Dr Manoj Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/S copus (Yes/No)	Impact factor
Sarwan Mudgil, Manoj Kumar, Pushpender Lamba, Bhupender Nehra, Poonam Rani	2023	Synthesis, Anti-Inflammatory and Antimicrobial Evaluation of Novel 2-phenyl-3-((4-phenylthiazol-2-yl) amino) thiazolidin-4-One Derivatives	Open Access Journal of Pharmaceutical Research	Medwin Publishers	7 (4)	287	No	-
Pushpender Lamba, Manoj Kumar, Sarwan Mudgil, Bhupender Nehra, Poonam Rani	2023	Synthesis, Anti-Inflammatory, Antimicrobial and Antioxidant Evaluation of Novel N-((3-(substituted phenyl)-1-phenyl-1H-pyrazol-4-yl)methylene) naphthalen-1-Amines	Der Pharma Chemica		15 (6)	105-112	Yes	3.2
Poonam Rani, Manoj Kumar, Sonali, Bhupender Nehra	2023	Synthesis and Anti-inflammatory Activity of Novel 2-Chloro-4-(Aryl Amino)-6, 7-Dimethoxy Quinazoline Derivatives	Der Pharma Chemica		15 (6)	115-118	Yes	3.2
Bhupender Nehra, Manoj Kumar, Pooja A.	2024	Therapeutic Potential of Natural Metabolites Coupled Pyrazole	ChemistrySelect	Wiley	9 (13)	e202400419	Yes	1.9

Chawla, Viney Chawla		and Its Bio-Isosteres: Medicinal Perspectives and SAR Studies						
Manoj Kumar, Sumit Kumar, Radha Rani, Poonam Rani, Bhupender Nehra	2024	Synthesis and evaluation of anti-microbial and anti- inflammatory activity of fatty acid esters	Ajasra ISSN 2278- 3741		13 (2)	298- 308	UGC CARE Group 1	6.7
Sumit Kumar, Manoj Kumar, Ajay Kumar, Bhupender Nehra, Poonam Rani	2024	Synthesis, Estimation, Molecular docking and biological evaluation of methyl piperazine and nitro Mannich bases derivatives	Ajasra ISSN 2278- 3741		13 (2)	270- 287	UGC CARE Group 1	6.7
Bhupender Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A. Chawla	2024	Sojourn of Nitrogenous Heterocycles as Promising Antileishmanial Agents: Medicinal Perspectives and Structure– Activity Relationship Studies	Chemistry Africa	Springer	7	3485- 3529	Yes	2.3
Bhupender Nehra, Manoj Kumar, Sumitra Singh, Viney Chawla, Pooja A. Chawla, Parul Grover	2024	Recent Developments in the Antimicrobial Potential of Some Nitrogenous Heterocycles and their SAR Studies: A Review.	Current Medicinal Chemistry	Bentham Science			Yes	3.5

Dr Ravi

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/S copus (Yes/No)	Impact factor
Ravi Berwal, Neeru Vasudeva, Sunil Sharma, Manisha, Amit Lather, Tanuj Hooda	2024	Phyto-Chemical characterization of ethanol extract of <i>Acacia arabica</i> (Lam.) Willd root utilizing GC-MS	Bulletin of Environment, Pharmacology and Life Sciences	-	13(2)	172-77	Yes	-

Dr Deepak Kumar Jindal

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/S copus (Yes/No)	Impact factor
Naresh Kumar, Sonika Asija, Yogesh Deswal, Jagat Singh Kirar, Deepak Kumar, Deepak Kumar Jindal, Biswarup Basu, Monu Kumar Shukla	2024	Exploring diorganotin (IV) complexes of hydrazone based ligands as multi-target agents: Synthesis, structural characterization, DFT and in vitro biological evaluation	Inorganic Chemistry Communications	Elsevier	161	112120	Yes	4.4
Satbir Mor, Ravinder Punia, Mohini Khatri, Deepak Kumar, Ashwani Kumar, Deepak Kumar Jindal, Namita Singh,		Synthesis, biological evaluations and in silico studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents	Journal of Molecular Structure	Elsevier	1296	136759	Yes	4.0

Renuka Sharma, Manzoor Ahmed, Sanket Shukla, Komal Jakhar								
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Ms. Himanshi

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/S copus (Yes/ No)	Impact factor
Himanshi, Manu Sharma, Munish Ahuja	2024	Fabrication and Characterization of Poloxamer Based Gel Formulations for Drug Delivery	Annals of Biology	Agri Bio Science	40 (1)	81-87	Yes	0.32
Himanshi, Manu Sharma, Munish Ahuja	2024	Preparation and Evaluation of Berberine Chloride Loaded Poloxamer Gel for Transungual Delivery	Annals of Biology	Agri Bio Science	40 (1)	73-80	Yes	0.32

Dr Sonali Batra

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/S copus (Yes/ No)	Impact factor
Panesar Gulsheen, Sonali Batra, Sumit Sharma	2023	Automation: A revolutionary vision of artificial intelligence in theranostics	Bulletin du Cancer	Elsevier	110: 2	233-241	Yes	1.1

Dr Samridhi

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/S copus (Yes/ No)	Impact factor
Shikha Kamboj, Samridhi	2023	Synthesis, biological evaluation and in	Chemistry & Biodiversity	Wiley	20(6)	e2022 00976	Yes	2.9

Thakral, Sunil Kumar, and Vikramjeet Singh		silico studies of 3-hydroxy-N-(2-(substituted phenyl)-4-oxothiazolidin-3-yl)-2-naphthamide derivatives						
Samridhi Thakral, Alka Yadav, Vikramjeet Singh, Manoj Kumar, Pradeep Kumar, Rakesh Narang, Kalvatala Sudhakar, Amita Verma, Habibullah Khalilullah, Mariusz Jaremko, Abdul-Hamid Emwas	2023	Alzheimer's disease: Molecular aspects and treatment opportunities using herbal drugs	Ageing Research Reviews	Elsevier	88	101960	yes	12.5

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	10		10			
Associate Professor						
Assistant Professor	10		10	5		5

(b) International Conferences/ Seminars/ Workshops:

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/ AICTE/ Univ./etc.
Dr. Vikramjeet	Phytoconstituents of	Emerging Goals and Challenges in	Department of Pharmaceutical	Hisar	March 20th–21st 2024	

Singh	Ginkgo: A Review of biological potential	Pharmaceutical Technology and Allied Sciences (ICPTA-2024)	Sciences, GJUS&T, Hisar			
Dr. Samridhi	Synthesis, antimicrobial and in silico studies of benzothiazole containing sulphonamide derivatives	Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024)	Department of Pharmaceutical Sciences, GJUS&T, Hisar	Hisar	March 20th–21st 2024	
Ms. Himanshi	Formulation and Characterization of berberine gel containing permeation enhancer for transdermal drug delivery	Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024)	Department of Pharmaceutical Sciences, GJUS&T, Hisar	Hisar	March 20th–21st 2024	
Dr. Ravi	Phytochemical screening of roots of <i>Acacia arabica</i> (Lam.) Willd.	Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024)	Department of Pharmaceutical Sciences, GJUS&T, Hisar	Hisar	March 20th–21st 2024	
Dr Sonali Batra	Tablets of total ash from <i>Nelumbium speciosum</i> flowers ameliorate anxiety	Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024)	Department of Pharmaceutical Sciences, GJUS&T, Hisar	Hisar	March 20th–21st 2024	

(c) **National Conferences/ Seminars/ Workshops: NIL**

(d) **Regional/ State Level Conferences/ Seminars/ Workshops: NIL**

(e) **Refresher Courses/ Orientation Courses:**

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./ HRDC	Place	Dates/ Duration
Dr. Kavita Bahmani	UGC sponsored 8 days online NEP orientation & sensitization programme-1	GJUST, HISAR	HRDC	GJUST, HISAR	13.12.2023 TO 21.12.2023

(f) **National/International Webinars Attended: NIL**

(g) Total number of Refresher/ Orientation Course/Webinar attended:

- | | | |
|------|---------------------------|-------|
| i) | Refresher Course | : 01 |
| ii) | Orientation Course | : NIL |
| iii) | Webinar | : NIL |
| iv) | Total | : 01 |

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership of Professional Bodies:

Prof. Dinesh Dhingra: Life member of Indian Pharmacological Society, Association of Pharmaceutical Teachers of India, Panjab University Pharmaceutical Society

Prof. Sunil Sharma Life member of Indian Pharmacological Society, Society of Pharmacovigilance, Indian Hospital Pharmacists Association (IHPA)

Prof. Munish Ahuja

Life Member of The Indian Pharmaceutical Association (IPA), Indian Hospital Pharmacists Association (IHPA), Indian Pharmacy Graduate Association (IPGA), Society of Pharmacovigilance India (SOPI)

Prof. Dinesh Dhingra

Life member of Indian Pharmacological Society, APTI, Panjab University Alumni Association.

Prof. Ashwani Kumar

Life member of IPGA

Dr. Vikram Jeet Singh

Life Member of The Association of Pharmaceutical Teachers of India (APTI No. HA/LM-222), Indian Hospital Pharmacists Association (IHPA).

ii) Member of Expert Committees:

Prof. Dinesh Dhingra

Nominee of CCSEA (Committee for Control and Supervision of Experiments on Animals) on IAEC of five institutes [Nominated by **CCSEA**, Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India, New Delhi

Inspector nominated by Pharmacy Council of India, New Delhi.

Prof Munish Ahuja: Member of NAAC Peer Team

iii) Member of Academic Bodies of other institutions:

Prof. Dinesh Dhingra: Member of School Board of School of Interdisciplinary and Applied Sciences, Central University of Haryana, Mahendergarh

Prof. Munish Ahuja: Member of Board of Studies and Research of Kumaon University Nainital, and Gurukul Kangri Vishwavidhyalaya, Haridwar

iv) Any Other

(XIV) Detail of Consultancy Project/ Work in Department: Nil.

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Prof. Munish Ahuja

Type	Topic/ Subject	Institution	Dates
Invited talk	Recent Advances in Ocular Drug Delivery	UGG- Malaviya Mission Teacher Training Centre of Pt. Ravishankar Shukla University Raipur	07.02.2024
Any other	Mindfulness Meditation	UGC sponsored Two-Weeks Online (Live Mode) Interdisciplinary Refresher Course on "Environmental Studies" organised by UGC-HRDC, GJUS&T, Hisar w.e.f. 3rd to 15th July, 2023	07.07.2023
	Health & Wellness during Research through Mindfulness Meditation	UGC sponsored One-week Interaction Programme for Ph.D. Scholars organised by Malaviya Mission Teacher Training Centre (erstwhile UGC-HRDC), GJUS&T, Hisar	07.06.2024

Prof. Dinesh Dhingra

Type	Topic/ Subject	Institution	Dates
Invited talk	Resource person for two sessions (3.45 pm to 5.15 pm on 6-2-2024 and 11.45 am to 1.00 pm on 22-3-2024) for two days training programme "Handling of laboratory instruments" for laboratory staff by Malaviya Mission Teacher Training Centre, GJUS&T, Hisar	GJUST, Hisar	6-2-2024 to 7-2-2024; and 21-3-2024 and 22-3-2024.

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Munish Ahuja	Director Dr APJ Abdul Kalam Central Instrumentation Lab, GJUST, Hisar	16.06.2023 to till date
2.	Prof. Dinesh Dhingra	Director, Experimental Animal Facility	Since July, 2016 continuing
3.	Dr. Vikramjeet Singh	Warden Boys Hostel IV	11.04.2016 to till date
4	Dr. Vikramjeet Singh	NSS Programme Officer	01.10.2018 to till date
5	DR. Kavita Bahmani	Care taker officer, NCC OFFICE	07/05/2024 TO TILL DATE
6	Prof. Ashwani Kumar	Coordinator, Patent Cell	Aug. 2023 to till date

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Internship	08	Annexure 1
Placement 2019-23	09 B. Pharm	Annexure II
2021-23	21 M. Pharm	Annexure III

- **Note:-** Please attach a list of companies alongwith number of students for training and placement with dates, etc..

(XVIII)Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:**i) Seminar/Conference/Refreshers course/Workshop/Training Programme**

Name of the Event	National/ International	Number of participants	Dates/ Duration
Conference	International	350	2 Days (March 20th– 21st 2024)

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
Pharmacist Day & Awareness on road safety rules Celebration	Kuldeep Singh (Additional SP, Hisar)	96 (offline)	25/09/23
Guest Lecture on Opportunities as Pharmacist in Central and State Government Departments	Suraj Pandey (Pharmacist in CGHS wellness center, Kochi)	98 (online: https://meet.google.com/ghe-xncp-pip)	24/12/23

iii. Students tour: NIL**iv. Industry interaction programmes : NIL****(XIX) Awards/ Honours received by Faculty: 01**

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Dr. Kavita Bahmani	Award of Honour	Om Sterling global University. Hisar	National	25TH SEPT. 2024

(XX) Any other important Information/ Achievement of the Department:

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
04	02	02	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
57	-	57	12.5
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
-	-	-	-
Total number of funded research projects	Completed	Ongoing	-
02	-	02	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
03	05	06	-

verall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department.

List of Internship (M. Pharmacy Batch 2021-2023)

Sr. No.	Name	Roll No.	Mob. No.	Internship
1	Simran	210121210007	7027858850	Quality control intern at Roseate Medicare, Village Anji, Solan, Himachal Pradesh
2	Pushpender	210121210019	7015948188	Quality control intern at Roseate Medicare, Village Anji, Solan, Himachal Pradesh
3	Sarwan	210121210017	9671879240	Quality control intern at Roseate Medicare, Village Anji, Solan, Himachal Pradesh
4	Divy mohan Arora	210121210018	9416955950	Analytical department intern at Sun Pharma, Gurugram
5	Kamal	210121230001	9053978329	Pharmacovigilance intern at Sun Pharma, Gurugram
6	Vijay	210121230005	9728382038	Pharmacovigilance intern at Sun Pharma, Gurugram
7	Sagar	210121230007	9728531393	Pharmacovigilance intern at Sun Pharma, Gurugram
8	Naveen	210121230008	7056041530	Pharmacovigilance intern at Sun Pharma, Gurugram

B. Pharmacy (2019-2023) Pass out students

Sr. No.	Roll No.	Name of Student	Father's Name	Mobile No.	Email- ID	Placement
1	190121250001	Rhytham Slathia	Pardeep Singh	78893 47369	slathiarhytham@gmail.com	Pharm MBA (chitkara University)
2	190121250003	Shayna	Amir Chand	78763 22258	himanshugirdher96@gmail.com	Pharm MBA (IIHMR Jaipur)
3	190121250004	Rupesh Rathi	Vinod Kumar Rathi	96106 46153	rupesh201851@gmail.com	Own medical store (Hisar)
4	190121250006	Karan	Surender Kumar	92559 46529	karanglotra9@gmail.com	M.Pharm, Clinical research (NIPER Mohali)
5	190121250007	Bhupender Singh	Rajbir Singh	98124 77541	bsheoran77541@gmail.com	MBA (GJUST Hisar)
6	190121250008	Nikhil Kumar	Parveen Kumar	85720 05306	Nikkirana0001@gmail.com	Q.C in IND SWIFT
7	190121250009	Chhavi Sharma	Rajesh Sharma	94166 50007	rajesharma_1972@yahoo.com	Msc covigilence (Chitkara university)
8	190121250010	Gotank Garg	Mr. Brishbhan Garg	80546 71900	ggotank@gmail.com	GPAT Preparation
9	190121250011	Aman Bansal	Devender Bansal	81688 00373	bansalaman299@gmail.cm	Preparing for Govt job
10	190121250012	Chirag Singh	Ranjeet Singh	93063 78090	ysinghpatter@gmail.com	MBA (GJUST Hisar)
11	190121250013	Himanshu	Shishupal	90349 65108	ropbrw@gmail.com	Training in civil hospital hisar
12	190121250014	Tushar Dhiman	Suresh Kumar	98126 62505	skdhiman1964@gmail.com	Preparing for govt job
13	190121250016	Pallavi	Mahesh Kumar	95418 25800	maheshsardana04@gmail.com	M.Pharm pharmaceuticals (GJUST Hisar)
14	190121250017	Nistha Jain	Sanjeev Jain	74041 21935	sjain6295@rediffmail.com	preparing for ILETS
15	190121250018	Ravi Kumar	Munish Kumar	99966 75981	RKN.NAGPAL.RKN@GMAIL.COM	Own medical store (Hisar)
16	190121250019	Deepak	Ramkishan	94677 22492	jonityadav7@gmail.com	Preparing for govt job
17	190121250022	Ankit Kumar	Surender Kumar	95883 45073	ankitkayat409@gmail.com	M.Pharm (Jaipur)
18	190121250023	Suman Devi	Balraj	74949 70236	balraj000@gmail.com	Abroad for studies (Canada)
19	190121250024	Sahil Saini	Vijay Kumar Saini	94161 06772	rkumar6772@gmail.com	preparing for ILETS
20	190121250026	Sachin	Anil Kumar	80598 16337	nsachu7988@gmail.com	Training in civil hospital hisar
21	190121250027	Simran	Sunil Kumar	70824 46799	SIMRANNARANG799@GMAIL.COM	M.Pharm cology (GJUST)
22	190121250031	Punit	Pawan	98965 94336	madaanpunit1@gmail.com	Marketing associate in Mankind pharma (Hisar)
23	190121250032	Nikita	Amarpal	94668 84349	amarpal01973@gmail.com	preparing for ILETS
24	190121250033	Aman	Rajesh Jindal	99923 45301	rajeshjindal.rd@gmail.com	MBA(Chitkara University)

25	190121250035	Pankaj	Sadhuram	81688 75446	bidhasrapanjaj@gmail.com	Preparing for govt job
26	190121250036	Lalit Kumar	Om Parkash	97281 90681	chawlalalit0007@gmail.com	Preparing for govt job
27	190121250039	Rohit	Samme Singh	99919 45180	sahilkapooranangal88@gmail.com	preparing for ILETS
28	190121250040	Rajni	Dilbag Singh	97288 72935	duggukataria@gmail.com	Preparing for govt job
29	190121250041	Akshay	Lal Singh	89504 99873	akshay26012001@gmail.com	Paramedical diploma from Ambala
30	190121250042	Gurmahender Singh	Resham Singh	98139 46013	SONUBESTMAN1200@GM AIL.COM	Preparing for govt job
31	190121250043	Nitesh	Mukesh Kumar	94168 15860	mk87081@gmail.com	M.Pharm pharmaceutics (GJUST)
32	190121250044	Nitin	Mahender Singh	81689 79223	nitinbhaimbbs@gmail.com	Preparing for govt job
33	190121250046	Mayank	Mani Ram Soni	74190 51290	MAYANKSONI61099@GM AIL.COM	Training in civil hospital Adampur
34	190121250047	Akshay Kumar	Satish Kumar	99928 28557	akshaykumarsuthar1999@gm ail.com	preparing for ILETS
35	190121250049	Ankit	Rohtash	99924 65985	ankit9992465985@gmail.com	preparing for ILETS
36	190121250050	Vidhi	Sanjay Nehra	94168 88807	rajusharmahisar@gmail.com	M.Pharm pharmaceutics (GJUST)
37	190121250051	Sorave	Rajpal Singh	90507 64037	SORAVEVARMA@GMAIL. COM	M.Pharm Cognosy (GJUST)
38	190121250052	Deepak Patel	Sudarshan Patel	82219 48854	dp3622880@gmail.com	Research associate Unichem laboratories (NOIDA)
39	190121250053	Dinesh Kumar	Omparkash	80530 67132	PARKASHBATTERY1234@ GMAIL.COM	M.Pharm DRA (MDU Rohtak)
40	190121250054	Manisha	Ramesh Kumar	97285 74720	npshansi@gmail.com	Preparing for govt job
41	190121250056	Pooja Rani	Mahabir Singh	79886 55596	bhagwanpapal@yahoo.com	
42	190121250057	Chanchal	Ghasi Ram Yadav	99965 99772	ghasiram3375@gmail.com	Pharmacist ,Sukhda Hospital (Hisar)
43	190121250058	Bhavna	Vinod Kumar	90347 59180	sainiaakash548@gmail.com	Preparing for govt job
44	190121250060	Himanshu	Rajender Singh	99923 10116	jjyotinaphria@gmail.com	M.Pharm pharmaceutics (GJUST)
45	190121250061	Jatin Kumar	Gharo Ram	84929 08508	jatin190121250061@gmail.co m	M.Pharm Quality Assurance (Punjab University)
46	190121250063	Deepak	Ramphal	89305 39398	sitendernain7@gmail.com	Marketing associate in Mankind pharma (Rohtak)
47	190121250064	Sahil Saini	Ishwar Singh	77920 80008	sahilsainihsr36@gmail.com	Marketing associate in FDC

						Pharm (Rohtak)
48	190121250065	Vikas Kumar	Kanwar Singh	70279 41198	vikassaini63592@gmail.com	Marketing associate in FDC Pharm (Rohtak)
49	190121250066	Yash Rohil	Chandi Ram Rohil	86073 04440	crr09812002655@gmail.com	M.Pharm pharmaceutics (Amity university NOIDA)
50	190121250067	Avinash Mehta	Raj Kumar	95180 60544	avimehta10309@gmail.com	Marketing associate (Lupin Rohtak)
51	190121250068	Rahul	Dharm Singh	82951 17743	rp1058626@gmail.com	M.Pharm pharmaceutics (Gurugram University)
52	190121250069	Sakshi Mishra	Taresh Kumar Mishra	94166 34513	mishra.s0927@gmail.com	Pharm MBA (Jaipur)
53	190121250070	Sourabh	Khushi Ram	86848 64676	sourabhzzz2737@gmail.com	M.Pharm cognosy (MDU Rohtak)
54	190121250071	Manisha Kumari	Kuldeep Singh	79881 87905	kuldeepkadyan76@gmail.com	Msc covigilence (Chitkara University)
55	190121250072	Sarthak Juneja	Sumit Juneja	99964 00088	sumit.juneja00088@gmail.co m	Preparing for govt job
56	190121259001	Himanshi	Ramniwas	79882 81273	hpmusharma016@gmail.com	M.Pharm Chemistry (GJUST)
57	190121259002	Keshav	Subhash Chander	90346 32234	keshavsachdeva808@gmail.co m	Marketing associate in Aristo pharm (Delhi)
58	190121259003	Komal	Suresh	70158 14047	komalkd2001@gmail.com	Preparing for govt job
59	190121259004	Paras Kumar	Chiranji Lal	99915 26602	parasmonga602@gmail.com	Preparing for govt job
60	190121259005	Shivani	Raj Kumar	98121 82815	shivanikasana23@gmail.com	M.Pharm cology (GJUST)
61	190121259007	Chetan	Balbir	81989 37368	chetanbhatiwal38@gmail.com	M.Pharm Pharmaceutics(GJ UST)
62	180121250012	Mukesh	Surender Singh	98964 72991	mukeshchachiya91@gmail.co m	Preparing for govt job
63	180121250043	Akhil Bokra	Ashok Kumar	78891 04066	bokraakhil007@gmail.com	Preparing for govt job
64	180121250044	Armaan	Rajender	99919 45901	armanmedal28@gmail.com	M.Pharm DRA (MDU Rohtak)
65	180121250060	Aman Kohar	Balgan Kohar	90538 12636	amankohar088@gmail.com	Preparing for govt job
66	180121250069	Amit	Pardeep	92559 27819	koliamit243@gmail.com	Preparing for govt job
67	170121250006	Parveen Yadav	Vinod Kumar	90344 32422	yadavparveen1070@gmail.co m	Preparing for govt job
68	170121250029	Goldi	Ramphal Singh	94163 16445	ramansahu516@gmail.com	Preparing for govt job
69	170121250030	Rahul Kumar	Kamal Singh	86839 18685	rahulharyana999@gmail.com	Preparing for govt job

DEPARTMENT OF PHYSICS

(I) Name of the Department : PHYSICS

(II) Year of Establishment : 1996

(III)

(a) Vision of the Department:

To inspire the young students towards understanding and learning the fundamental concepts of Physics and their applications for the development of new technologies in the national interests.

(b) Mission of the Department:

The mission of the Department of Physics is to provide strong qualitative and quantitative knowledge along with developing a problem-solving aptitude among the students that may open up a wide range of career choices to them. This also includes continuous refinement of quality research, development of frequently updated research-based innovative curricula and techniques to impart greater visibility to the learner and global recognition of the department. The department strives to achieve its mission by executing novel research ideas with an emphasis on interdisciplinary and applied research. The faculty members promote the highest ethical principles in scientific research and are open to scientific and technological changes.

(c) Objective of the Department:

- (i) To impart research as well as career-oriented quality education and training to young minds in Physics by offering a mixture of Pure and Applied Physics with state-of-the art facilities.
- (ii) The students in the department are trained and prepared according to the needs of current research, academics and industry requirements.
- (iii) The courses provide the basic knowledge in Physics and offer various options of specializations in Materials Science (Nanomaterials, Thin films and Glasses), Photonics, Laser Physics, Opto-electronics, Nuclear Physics etc.
- (iii) To strengthen the research facilities in the areas of Materials Science, Opto-Electronics, Photonics and Computational Physics. The department procures grants from various funding agencies such as DST, UGC, CSIR, DRDO, AICTE & DAE-BRNS etc.
- (iv) For the job-placement of students, training and placement cell invites industries for the campus interviews.

(IV) Programme(s) offered in the department

Programme	Sanctioned intake	Present students' strength
Ph.D.	76	65
P.G	130	113
5 year Dual Degree B.Sc.-M.Sc.	265	185
Teaching Physics in B.Tech. Courses	Nil	

(V) Faculty details

(Attach a list of the Faculty along with their qualifications, teaching and research experiences, and any specific achievements (if any))

Professor		Associate Professor		Assistant Professor	
<i>Sanctioned</i>	<i>Filled</i>	<i>Sanctioned</i>	<i>filled</i>	<i>Sanctioned</i>	<i>Filled</i>
2	-	4	-	15	6

(VI) Office staff details

Designation	Sanctioned	Filled
Tech. Asstt. (G-I)	-	-
Assistant	-	-
Steno Typist	-	-
Clerk cum DEO	1	1
Store Keeper	-	-
Lab. Attendant	5	7
Peon	1	2

(VII)**a.) Students detail in respect of M.Sc. Programme**

Programme	Sanctioned Intake	Students admitted 1st Year	Students Present in Final Year
M.Sc. (Physics)	75	69	44

b.) Students' detail in respect of MCA Programme – Nil.

c.) Students' detail in respect of B.Tech , B.Pharm. and B.P.Th. Programmes – N.A.

d.) Detail of Foreign Students if any, admitted in the Department : Nil.

(VIII) Research Scholars

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
76	65	03	11	CSIR-JRF UGC-NET

(IX) Sponsored Research/ Consultancy Projects Nil**(X) Number of Publications of the Faculty (in Total)**

Books and Book Chapters/Monographs etc		Research papers			
International	National	International		National	
-	-	Refereed	Non refereed	Refereed	Non refereed
		78	-	-	-

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monograph etc. NIL

b) Papers/ Articles in Journals:

Sr. No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	Impact factor
1	Vibha; Sanghi S.; Agarwal A.; Chauhan M.; Arya E.; Kumari A.; Kaushik S.; Sharma P.	2023	Crystal structure determination, XRD peak profile analysis and morphological study of double perovskite SrNdFeTiO ₆	Materials Today: Proceedings	Elsevier	82	79-84	
2	Kaushik S.; Agarwal A.; Sanghi S.; Chauhan M.; Vermani V.; Kumar A.; Arya E.; Sharma P.	2024	Investigation of Crystal Structure, Morphology and Raman Spectroscopy of Single-Phase Double Perovskite Sr ₂ NiWO ₆	AIP Conference Proceedings	AIP	3025 & 1		
3	Vibha; Chauhan M.; Arya E.; Kumari A.; Sanghi S.; Agarwal A.	2024	Comprehensive study of double perovskite SrLaFeTiO ₆ : structural, dielectric, magnetic and ferroelectric properties	Journal of Materials Science: Materials in Electronics	Springer	35 & 5	345	2.8
4	Kaushik S.; Vermani V.; Sharma P.; Chauhan M.; Sanghi S.; Agarwal A.	2024	Investigation of structural and electrical properties of RLaLiTeO ₆ (R = Ca, Sr, and Ba) double perovskites	Journal of Alloys and Compounds	Elsevier	1000	175091	5.8
5	Bala R.; Sanghi S.; Agarwal A.; Rani S.; Gaur S.	2024	Linear and Nonlinear Optical Characteristics of Bismuth-Modified Lead-Silicate Glasses	Silicon	Springer	16 & 17	6143-6154	2.8
6	Kumari A.; Arya E.; Chauhan M.; Sharma S.; Sanghi S.; Agarwal A.	2024	Crystal Structure, Dielectric Analysis and Magnetic Properties of Multiferroic Composite 0.10BaTiO ₃ -0.90Ba _{0.9} Ca _{0.1} Fe ₁₂ O ₁₉	AIP Conference Proceedings	AIP	3025 & 1	040005	
7	Sharma P.; Chauhan M.; Vermani V.; Kaushik S.; Kumar A.; Sanghi S.; Agarwal A.; Khasa S.	2024	Lead-Free Perovskite Ceramic with Studied Structural and Dielectric Properties Based on BaTiO ₃	AIP Conference Proceedings	AIP	3025 & 1	040008	
8	Chauhan M.; Arya E.; Vibha; Kumari A.; Sanghi S.; Agarwal A.	Nov-23	Structural, magnetic, dielectric, magneto-electric and ferroelectric properties of BaTiO ₃ - NiFe ₂ O ₄ multiferroics	Journal of Alloys and Compounds	Elsevier	965	171360	5.8
9	Rohilla R.; Dahiya M.S.; Agarwal A.; Khasa S.	Nov-23	Influence of Sr ²⁺ ions on structural, optical and bioactive behaviour of phosphoborate glass system	Journal of Molecular Structure	Elsevier	1291	136095	4.0
10	Vermani V.; Sanghi S.; Agarwal A.; Kaushik S.	2024	Comparative analysis of physical properties of ANdFeTiO ₆ (A = Sr, Ba) double perovskites	AIP Conference Proceedings	AIP	3149	030030	
11	Bala R.; Agarwal A.; Sanghi S.; Gaur S.	2023	The conduction mechanism and dielectric behavior of cadmium bismuth silicate glasses	Journal of Physics: Conference Series	IOP	2603 & 1	012040	

12	Rani M.; Shankar A.; Sanghi S.; Yadav M.	2024	Two-dimensional refractive index distribution using polarization phase shifting interferometry and total internal reflection	Physica Scripta	IOP	99	105530	2.6
13	Barala M.; Jaglan J.; Mohan D.; Singh N.; Sharma C.; Sanghi S.	2024	Nanocomposite Foils of PS/Cu : Dual Functionality of Optical Enhancement and Antibacterial Activity on Aeromonas hydrophila	Indian Journal of Microbiology	Springer			2.8
14	Barala M.; Gummagol N.; Mohan D.; Sanghi S.; Patil P.S.; Siwach B.; Poonam	Dec-23	Nonlinear optical characteristics and optical limiting performance of copper nanoparticles embedded polystyrene nanocomposite foils for photonic application	Journal of Materials Science: Materials in Electronics	Springer	34 & 2233	1-15	2.8
15	Attri V.; Dahiya M.S.; Kumar R.; Hooda A.; Agarwal A.; Khasa S.	2023	Electrical, optical and high energy radiation shielding study of TMI-doped multi-component glasses	Journal of Materials Science: Materials in Electronics	Springer	34 & 16	1273	2.8
16	Vibha; Sanghi S.; Agarwal A.; Chauhan M.; Arya E.; Kumari A.; Kaushik S.; Sharma P.	2023	Crystal structure determination, XRD peak profile analysis and morphological study of double perovskite SrNdFeTiO6	Materials Today: Proceedings	Elsevier	82	79-84	
17	Kaushik S.; Agarwal A.; Sanghi S.; Chauhan M.; Vermani V.; Kumar A.; Arya E.; Sharma P.	2024	Investigation of Crystal Structure, Morphology and Raman Spectroscopy of Single-Phase Double Perovskite Sr2NiWO6	AIP Conference Proceedings	AIP	3025 & 1		
18	Vibha; Chauhan M.; Arya E.; Kumari A.; Sanghi S.; Agarwal A.	2024	Comprehensive study of double perovskite SrLaFeTiO6: structural, dielectric, magnetic and ferroelectric properties	Journal of Materials Science: Materials in Electronics	Springer	35 & 5	345	2.8
19	Kaushik S.; Vermani V.; Sharma P.; Chauhan M.; Sanghi S.; Agarwal A.	2024	Investigation of structural and electrical properties of RLaLiTeO6 (R = Ca, Sr, and Ba) double perovskites	Journal of Alloys and Compounds	Elsevier	1000	175091	5.8
20	Bala R.; Sanghi S.; Agarwal A.; Rani S.; Gaur S.	2024	Linear and Nonlinear Optical Characteristics of Bismuth-Modified Lead-Silicate Glasses	Silicon	Springer	16 & 17	6143-6154	2.8
21	Kumari A.; Arya E.; Chauhan M.; Sharma S.; Sanghi S.; Agarwal A.	2024	Crystal Structure, Dielectric Analysis and Magnetic Properties of Multiferroic Composite 0.10BaTiO3-0.90Ba0.9Ca0.1Fe12O19	AIP Conference Proceedings	AIP	3025 & 1	040005	

22	Sharma P.; Chauhan M.; Vermani V.; Kaushik S.; Kumar A.; Sanghi S.; Agarwal A.; Khasa S.	2024	Lead-Free Perovskite Ceramic with Studied Structural and Dielectric Properties Based on BaTiO ₃	AIP Conference Proceedings	AIP	3025 & 1	040008	
23	Chauhan M.; Arya E.; Vibha; Kumari A.; Sanghi S.; Agarwal A.	Nov-23	Structural, magnetic, dielectric, magneto-electric and ferroelectric properties of BaTiO ₃ - NiFe ₂ O ₄ multiferroics	Journal of Alloys and Compounds	Elsevier	965	171360	5.8
24	Rohilla R.; Dahiya M.S.; Agarwal A.; Khasa S.	Nov-23	Influence of Sr ²⁺ ions on structural, optical and bioactive behaviour of phosphoborate glass system	Journal of Molecular Structure	Elsevier	1291	136095	4.0
25	Vermani V.; Sanghi S.; Agarwal A.; Kaushik S.	2024	Comparative analysis of physical properties of ANdFeTiO ₆ (A = Sr, Ba) double perovskites	AIP Conference Proceedings	AIP	3149	030030	
26	Bala R.; Agarwal A.; Sanghi S.; Gaur S.	2023	The conduction mechanism and dielectric behavior of cadmium bismuth silicate glasses	Journal of Physics: Conference Series	IOP	2603 & 1	012040	
27	Rani M.; Shankar A.; Sanghi S.; Yadav M.	2024	Two-dimensional refractive index distribution using polarization phase shifting interferometry and total internal reflection	Physica Scripta	IOP	99	105530	2.6
28	Barala M.; Jaglan J.; Mohan D.; Singh N.; Sharma C.; Sanghi S.	2024	Nanocomposite Foils of PS/Cu : Dual Functionality of Optical Enhancement and Antibacterial Activity on Aeromonas hydrophila	Indian Journal of Microbiology	Springer			2.8
29	Barala M.; Gummagol N.; Mohan D.; Sanghi S.; Patil P.S.; Siwach B.; Poonam	Dec-23	Nonlinear optical characteristics and optical limiting performance of copper nanoparticles embedded polystyrene nanocomposite foils for photonic application	Journal of Materials Science: Materials in Electronics	Springer	34 & 2233	1-15	2.8
30	Attri V.; Dahiya M.S.; Kumar R.; Hooda A.; Agarwal A.; Khasa S.	2023	Electrical, optical and high energy radiation shielding study of TMI-doped multi-component glasses	Journal of Materials Science: Materials in Electronics	Springer	34 & 16	1273	2.8
31	Chetan Sharma, M Barala, Sandeep Yadav, Devendra Mohan	2024	Impact of layer thickness on the architectural and Nonlinear Optical characteristics of Molybdenum Trioxide (MoO ₃)Films	J Mater Sci: Mater Electron https://doi.org/10.1007/s10854-024-13218-8	Springer	35:14 80	PP 1-10	2.779
32	Dimple, R Madan, V Kumar, D Mohan, R Garg	-2024	Acetone gas sensing behavior of polypyrrole/ZnO nanocomposites synthesized via chemical oxidation method	Journal of Materials Science: Materials in Electronics https://doi.org/10.1007/s10854-024-11931-y	Springer	35 (2), 130,	Pp 1-16	2.779

33	Chetan Sharma, M Barala, Getu Endale, Vinay Kumari, Devendra Mohan	2023	Effect of Thickness on Nolinear Properties of EZO Thin Films	Physica Scripta	IOP	98 (12) 2023		2.9
34	Rashmi Kajal, Asokan Kandasami, Bharat Kataria, Pankaj Solanki and Devendra Mohan	2023	Structural, optical, and dielectric characteristics of pulsed laser deposited SnO ₂ -TiO ₂ composite thin films"	Physica Scripta,	IOP	Volume 98, Number 8 Published 20 July 2023		2.9
35	Rashmi Kajal a, B.R. Kataria , K. Asokan , Devendra Mohan	2023	Effects of gamma radiation on structural, optical, and electrical properties of SnO ₂ thin films	Applied Surface Science Advances DOI:10.1016/j.apsadv.2023.100406	Elsivier	Volume 15, June 2023, 100406		6.04
36	Sunny Yadav, Monika Barala, Rakesh Dhar and Devendra Mohan	2023	Structural, morphological, and non-linear optical properties of thermally evaporated neodymium doped zinc oxide thin films.	Physica Scripta, DOI 10.1088/1402-4896/ac1ae	IOP	Volume 98, Number 4045215		2.9
37	Rahul Madan, Devendra Mohan, and Vinay Kumari	2023	Enhancement of thermoelectric power factor in nanostructured cadmium oxide via zinc doping for high-temperature thermoelectric applications	J Mater Sci: Mater Electron https://doi.org/10.1007/s10854-023-09988-2	springer	34:556		2.779
38	Dawood Kothawala, Sahil Saini	2024	Workshop on the limiting compactness objects: Black holes and Buchdahl stars	arXiv preprint:2402.15543	Cornell University	-	-	-
39	Poonam, Sunidhi, Nisha & Hardev S Saini	2023	Effects of Chromium (Cr) doping on Structural, Electronic and Magnetic Properties of Barium Selenide Compound: A Theoretical Investigation	Indian Journal of Pure & Applied Physics	CSIR-NIScPR	61	248-250	0.7
40	Narender Kumar, Nisha Sheoran, and Hardev S. Saini	2024	Thermoelectric Properties of Line-Node Dirac Semimetal and Topological Insulating Phase in Hexagonal Pnictide CaAgAs	Physica Status Solidi b	Wiley-VCH		2400187 (1-6)	1.78
41	Narender Kumar, Hardev S. Saini, Nisha Sheoran, and Manish K. Kashyap	2024	Thermoelectric properties of doped topological half-Heusler LuPdBi _{1-x} Z _x (Z=P, As, Sb) compounds	Journal of Materials Science: Materials in Electronics	Springer	35	793	2.8
42	Kavita Rani, Vivek Gupta, Ranjeet and Abhishek Pandey	2024	Enhanced thermoelectric performance of Mg and Se co-doped Bi ₂ Te ₃ nanostructures	Journal of Solid State Chemistry	Elsevier	330		3.2
43	Anita Bugalia, Vivek Gupta and Abhishek Pandey	2024	Improvement in thermoelectric	J. Phys. D: Appl. Phys.	IoP	57		3.1

44	Kavita Rani, Vivek Gupta, Ranjeet and Abhishek Pandey	2024	Enhancement in thermoelectric performance of hydrothermally synthesized Ca and Sb co-doped Bi ₂ Te ₃ nanostructures	Physica Scripta	IoP	99		2.6
45	Anita, Vivek Gupta and Abhishek Pandey	2024	Low thermal conductivity in Bi–Mg co-doped SnTe material via solvothermal synthesis	Bull. Mater. Sci.	Springer	47		1.9
46	Anita, Vivek Gupta and Abhishek Pandey	2024	Improvement in thermoelectric properties of Bi–Mg co-doped SnTe via band engineering and nano-structuring	J Mater Sci: Mater Electron	Springer	35	617	2.8
47	Kavita Rani, Vivek Gupta, Ranjeet and Abhishek Pandey	2024	Effect of solvents on morphological and electrical properties of Bi ₂ Te ₃ Nanostructures	J Mater Sci: Mater Electron	Springer	35	934	2.8
48	Komal Poria , Sunil Dhankhar , Rajesh Parmar , R.S. Kundu Rajni Bala	2023	Effect of ZnCl ₂ on structural and optical features of TeO ₂ –B ₂ O ₃ –Bi ₂ O ₃ –ZnCl ₂ glasses	Solid State Sciences		142	107239	3.4
49	Anuj Nehra, R.S. Kundu, Sweeti Ahlawat,, Krishna, Pal Singh, Kanchan Karki, Aryan Singh Lather, Kanika Poonia, Savita Budania , Vinay Kumar	2023	Current trends in biosensors for the detection of cattle diseases worldwide	Biosensors and Bioelectronics: X		14	100355	10.7
50	Asha Rani, Rajesh Parmar, R.S. Kundu	2023	Structural, physical and optical study of calcium modified bismuth borovanadate glasses: V ₂ O ₅ -B ₂ O ₃ -Bi ₂ O ₃ -CaO	Optical Materials		143	114135	3.9
51	Aryan Singh Lather, Kanika Poonia, R. S. Kundu, Neetu Ahlawat, Anuj Nehra and Shubhpreet Kaur	2023	Assessment of Conductivity through Impedance Analysis of CuO: Ho ₂ O ₃ Modified BaZr _{0.05} Ti _{0.95} O ₃	ECS Journal of Solid-State Science and Technology		12	093013	1.8
52	Aryan Singh Lather, Kanika Poonia, R S Kundu Neetu Ahlawat, Anuj Nehra and Shubhpreet Kaur	2023	Study of crystalline size and strain in rare earth doped Cu modified BZT	Journal of Physics: Conference Series		2663	0120240	
53	Kanika Rani, Neetu Ahlawat, R. S. Kundu, Deepa, Agam Rani and Jogender Singh	2023	Investigation of structural and nonlinear characteristics of Ca _{0.97} Ho _{0.03} Cu ₃ Ti ₄ O ₁₂ ceramic	AIP Conf. Proc.		2901	40040	

54	Kanchan Karki, Sonali Priyadarshini, Pi yush Kumar, Sanjay Kumar, R.S. Kundu, Krishna Pal Singh, Aryan Singh Lather, Kanika Poon, Anuj Nehra	2024	Review on current race for COVID-19 diagnosis	Biosensors and Bioelectronics: X		16	100432	10.7
55	Aryan Singh Lather, Kanika Poonia, R. S. Kundu, Neetu Ahlawat, Anuj Nehra and Shubhpreet Kaur	2024	CuO: V2O5 driven alterations in dielectric, ferroelectric and structural properties of Barium Zirconate Titanate ceramics	Journal of Advanced Dielectrics		14(5)	2350028	
56	Aryan Singh Lather, Kanika Poonia, RS Kundu, Neetu Ahlawat, Anuj Nehra, Shubhpreet Kaur	2024	Cu and Er modified barium zirconium titanate (BaZr0.05Ti0.95O3) ceramics: Composition-dependent dielectric properties	Processing and Application of Ceramics		18(1)	29	0.9
57	Komal Poria, Rajesh Parmar, Sunil Dhankhar, R.S. Kundu	2024	Electrical conductivity and hopping conduction mechanism by VRH model in halide-modified tellurite glasses	Solid State Sciences		148	107442	3.4
58	Asha Rani, Rajesh Parmar & R. S. Kundu	2024	Structural, Physical, Thermal, and Optical Analysis of Lead Modified Bismuth-Borovanadate Glassy System: V2O5-B2O3-Bi2O3-PbO	Journal of Inorganic and Organometallic Polymers and Materials		34	1589	4.0
59	Asha Rani, Rajesh Parmar, R.S. Kundu	2024	Formulation of conductivity, electric modulus and dielectric behaviour of calcium bismuth borovanadate glasses with varying temperature and frequency	Journal of Non-Crystalline Solids		631(1)	122910	3.2
60	Aryan Singh Lather, Kanika Poonia, R.S. Kundu, Neetu Ahlawat, Anuj Nehra, Shubhpreet Kaur	2024	Microstructure and dielectric properties of Cu and Ho-modified BaZrTiO3 ceramics for energy storage applications	Journal of Energy Storage		12	093013	1.8
61	Kanika Rani, Neetu Ahlawat, Pooja, R. S. Kundu, Deepak Saini & Deepa	2024	Study of microstructure and electrical heterogeneity of Ho and Mg co-doped CaCu3Ti4O12 lead-free ceramics	Applied Physics A		2663	0120240	
62	Komal Poria, Rajesh Parmar, Sunil Dhankhar and RS Kundu	2024	Structural, optical and dielectric studies of KCl-modified TeO2-Bi2O3-B2O3 glasses	Optical and Quantum Electronics		2901	40040	
63	Pooja, Neetu Ahlawat, Deepak, Kanika Rani, Deepa, Aarti, Navneet Ahlawat	2024	Structure analysis and Raman spectroscopy of La-doped Na0.5Bi(4.5-x)LaxTi4O15 ceramics	Journal of Materials Science: Materials in Electronics		14(5)	2350028	

64	Ritu, Priyanka, Vinod Kumar, Ramesh Kumar and Fakir Chand	2023	"A theoretical comparison of MAPbI ₃ , FAPbI ₃ and (FAPbI ₃) _{1-x} MAPb(Br _{3-y} Cl _y) _x based solar cells"	Journal of Optics	Springer	53	2625-2630	1.8
65	Rajesh Kumar, Jitender Kumar, Ramesh Kumar , Akshay Kumar, Aditya Sharma, S. O. Won, K. H. Chae, Mukhtiyar Singh, and Ankush Vij	2023	"Monoclinic to cubic structural transformation, local electronic structure, and luminescence properties of Eu-doped HfO ₂ "	Applied Physics A	Springer	129	712	2.7
66	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2023	"Numerical simulation of a mixed-halide perovskite solar cell using doping gradient"	Journal of Computational Electronics	Springer	22	1-9	2.1
67	Priyanka, Ramesh Kumar , and Fakir Chand	2023	"Tuning of electronic and optical properties of PtS ₂ monolayer using stacking engineering"	Phy. Status Solidi B	Wiley	260	2300132	1.6
68	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2024	"Performance optimization of FASnI ₃ based perovskite solar cell,"	AIP Conf. Proc.	AIP	2995	020142	
69	Priyanka, Ramesh Kumar and Fakir Chand	2024	"Stacking Impact on the Optical Properties of PdSe ₂ Layers,"	AIP Conf. Proc.	AIP	2995	020200	
70	Munish Kumar, Tanuj Kumar, Ratnesh K. Pandey, Ramesh Kumar et al.	2024	"Synthesis of noble metal nanostructures by ion beam irradiation and their characterization"	Nuclear Inst. and Methods in Physics Research,	Elsevier	554	165437	1.4
71	Ritu, Priyanka, Ramesh Kumar , Vinod Kumar, and Fakir Chand	2024	"Theoretical simulation of mixed organic-inorganic perovskite solar cell using SCAPS-1D simulator"	Journal of Photochemistry & Photobiology, A: Chemistry	Elsevier	455	115763	4.1
72	Priyanka, Ritu, Ramesh Kumar , Vinod Kumar and Fakir Chand	2024	"Tailoring the Electronic and Optical Properties of ReS ₂ Monolayer Using Strain Engineering"	Micro and Nanostructures	Elsevier	192	207873	2.7
73	Priyanka, Ritu, Ramesh Kumar , Vinod Kumar and Fakir Chand	2024	"First principle calculations to explore the electronic, mechanical and optical properties of 2D NiX ₂ (X = O, S, Se) monolayers"	Physica B	Elsevier	686	416066	2.8
74	Ritu, Priyanka, Ramesh Kumar , Vinod Kumar, and Fakir Chand	2024	"Performance analysis of ecofriendly Ge based perovskite solar cell using computational approach"	Materials Letter	Elsevier	361	136145	2.7
75	Ritu, Priyanka, Ramesh Kumar , Vinod Kumar, and Fakir Chand	2024	"Enhancement in MAPbI ₃ -xCl _x -based perovskite solar cell performance using numerical simulation"	Modern Physics Letter B	World Scientific	38	0245207	1.8

76	Priyanka, Suman Choudhary, Ritu, Ramesh Kumar , Vinod Kumar and Fakir Chand	2024	“Detailed investigations on stability and optoelectronic characteristics of the 1T-PdS ₂ monolayer”	Physica Scripta	IOP	99	025945	2.7
77	Anisha, Ramesh Kumar , Sunita Srivastava and Kumar Tankeshwar	2024	“Thermoelectric performance of 1T-ZrS ₂ bilayer using stacking engineering”	Physica Scripta	IOP	99	015914	2.6
78	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2024	“Optimization of mixed cation organic–inorganic lead halide perovskite solar cell performance”	International Journal of Modern Physics B	World Scientific	38	2450361	1.7

(XII) Participation of faculty in Seminars/Conferences/Workshops/Webinars and Refresher Courses etc. during the period

(a) Total Number of Seminars/Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Oral Presentations	1	0	1	1	0	1

(b) International Conferences/ Seminars/ Workshops/Webinars

Name of the Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar/ Workshop	Name of Host organization	Place	Dates
Dr. Vivek Gupta	Thermoelectric materials: State of the Art	Engineered Materials for Sustainable Development (EMSD 2024	Punjab Engineering College (Deemed to be University)	Chandigarh	July 24-26, 2024

(c) National Conferences/ Seminars/ Workshops : 2

(d) Regional/ State Level Conferences/ Seminars/ Workshops : Nil

(e) Refresher Courses/ Orientation Courses : 02

Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr Ramesh Kumar	UGC Sponsored two weeks online interdisciplinary refresher course on Blended Mode of Teaching & Learning	MMTTC GJUST Hisar		Hisar	November 16-29, 2023
Dr. Hardev Singh	UGC Sponsored two weeks online interdisciplinary refresher course on Blended Mode of Teaching & Learning	MMTTC GJUST Hisar		Hisar	November 16-29, 2023

(f) National/International Webinars Attended - Nil

(g) Total number of Refresher/ Oriented Courses attended:

i)	Refresher Courses	:	02
ii)	Oriented Courses	:	
iii)	Webinars	:	
iv)	Total	:	02

(XIII) Association with National and State Level Bodies (Give teacher-wise details)

i. Membership of Professional Bodies:

Prof. Devendra Mohan: Indian Laser Association, Optical Society of India
Prof. Sujata Sanghi: Indian Laser Association, Optical Society of India, Materials Research Society of India
Prof. Ashish Aggarwal: Materials Research Society of India
Prof. R S Kundu: Materials Research Society of India, Electron Microscope Society of India, Life member of International Forum of Chalcogenides, Life member of Electron Microscopy Society of India
Prof. Neetu Ahlawat: Materials Research Society of India, Electron Microscope Society of India
Dr. Ramesh Kumar: IAPT
Dr. Vivek Gupta: IAPT, Indian Science Congress Association (ISCA), Vijnana Bharti

(ii) Member of Expert Committees:

(iii) Member of Academic Bodies of the University:

Prof. Ashish Aggarwal, Director IQAC

(iv) Member of Academic Bodies of other institutions:

(XIV) Detail of Consultancy Project/Work in Department NIL

(XV) Lectures (other than class) delivered (Give teacher wise detail)

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1.	Prof. Ashish Aggarwal	Chairperson, Dept. of Physics Director, IQAC, GJUST, Hisar	01-12-2023 till date 22-05-2018 till date
2.	Prof. Sujata Sanghi	Coordinator –GIAN Chief Warden (Girls)	From Oct. 2022 till date 02-01-2023 till date
3.	Dr. Vivek Gupta	Warden (Boys Hostel)	Since October, 2018
4.	Dr. Vivek Gupta	UGC SWAYAM Co-ordinator	Since May, 2018
5.	Dr. Ranjeet	Departmental Coordinator of Training and Placement Cell, GJUST	Since 01-01-2018

(XVII) Training/Internship & Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
Held at central level		

*Note:- Please attach a list of companies along with number of students placed and dates of placement.

(XVIII) Detail of Academic Activities/Professional Activities/ Programmes Organized in Department during the year:**i. Seminar /Conference/Refreshers course/Workshop/Training Programme Nil**

Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
<i>National Conference</i> on “Photonics and <i>Materials</i> . Science (NCPMS-2024)	National	130	2 days	March 14-15, 2024

- ii. Extension lecture: (with resource person & date) Nil
- iii. Students tour - NIL
- iv. Industry interaction programs : (with name of company & date) - NIL
- v. Teacher’s day celebration organized by the Physics Association of the Department on 5 Sept. 2023.

(XIX) Awards/ Honours received by Faculty (Give teacher-wise details about title of award, awarding agency and date of conferment) NIL**(XX) Any other important Information/ Achievement of the Department**

- The Department is empowered with modern laboratories and has a vibrant research environment for conducting high quality programs at all levels.
- Faculty is actively involved in scientific research. The number of research publications of the department is **78** in Scopus database with a h-index **35**
- The department encourages various interdisciplinary collaborations with universities and industries in India and abroad. The alumni of the department are well placed in different Government and industrial/Academic organizations Globally.

Summary of Research Publications:

Total Research papers published in Journals	Total Published in UGC-CARE List Group 1	Total Published in UGC-CARE List Category 2	Highest Impact Factor
69	--	--	10.7
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
09	09	--	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	
65	11	15	

DEPARTMENT OF PHYSIOTHERAPY

(I) **NAME** : Department of Physiotherapy

(II) **Year of Establishment** : 2002

(III) (a) **State the vision of the Department:** Department is committed to serve the needs of the society at large by implementation of forward looking education & ample research in Physiotherapy. Therefore, to provide knowledge, so as to develop attitude, skills & ample values and to become leader in clinical practice.

(b) **State the mission of the Department:** To provide quality education & ample opportunities. To provide resources to undertake research & ample development. To advance the health of human kind by developing leaders in healthcare. To develop excellence in Physiotherapy education.

(c) **State the objective of the Department:**
(As resolved by Staff Council) -Copy Attached

(IV) Programme(s) offered in the department

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.	Nil	Nil
P.G	40 (MPT) 40+5*(M.Sc Yoga Science and Therapy)	26 (MPT) 37
U.G	50(BPT)	50
Any other	-	-

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	1	-	-	-
Associate Professor	3	-	-	-
Assistant Professor	5	4	-	-

***15 Assistant Professors (On Contract Basis)**

Sr. No.	Name	Designation	Qualification	Experience(in years)
1.	Dr. Shabnam Joshi	Professor	Ph.D. M.P.T. (Orthopaedics)	18 yr + 10 months
2.	Dr. Jaspreet Kaur	Professor	Ph.D. M.P.T.(Neurology)	18 yr + 4 months
3.	Dr. Manoj Malik	Assistant Professor	Ph.D. M.P.T.(Neurology)	19 yr + 4 months
4.	Dr. Kalindi Dev	Assistant Professor	Ph.D. M.P.T. (Cardiothoracic and pulmonary disorders)	13 yr
5.	Dr. Ramniwas	Demonstrator	B.P.T.	4 yr+9 months
6.	Mr. Pardeep Azad	Demonstrator	B.Sc. Physiotherapy	20 yr

7.	Dr. Sonu Punia	Assistant Professor (on contract)	Ph.D. M.P.T.(Neurology)	14 yr
8.	Dr. Sujata Sharma,PT	Assistant Professor (on contract)	M.P.T.(Orthopaedics)	13 yr
9.	Dr. RekhaChaturvedi	Assistant Professor (on contract)	Ph.D. M.P.T.(Sports)	13 yr
10.	Dr. Vandana Rani	Assistant Professor (on contract)	M.P.T.(Neurology)	10 yr
11.	Dr. Varun Singh	Assistant Professor (on contract)	M.P.T.(Orthopaedics)	10 yr
12.	Dr.MamtaBoora, PT	Assistant Professor (on contract)	M.P.T.(Neurology)	9 yrs+5 months
13.	Dr.Jyoti,PT	Assistant Professor (on contract)	M.P.T.(Orthopaedics)	06 yr
14.	Dr. Meenakshi Bagri,PT	Assistant Professor (on contract)	M.P.T.(Cardiothoracic and pulmonary disorders)	07 yr
15.	Dr. AlkaPawalia	Assistant Professor (on contract)	M.P.T.(Orthopaedics)	09 yr
16.	Dr.Charu	Assistant Professor (on contract)	M.P.T.(Neurology)	06 yr
17.	*Dr.Usha, PT	Assistant Professor (on contract)	M.P.T.(Sports)	05 yr+6 months
18.	Dr. Naveen Kaushik	Assistant Professor (on contract)	Ph.D (Yoga)	07 yr+5 months
19.	Ms.Niharika Singh Rojaria	Assistant Professor (on contract)	M.Sc Yoga Therapy + UGC NET	06 yr
20.	Mr. Parkash	Assistant Professor (on contract)	M.A (Yoga) + UGC NET	04 yr+10months
21.	Mr.Manav Kumar	Assistant Professor (on contract)	M.A (Yoga) + UGC NET	04 yr+9 months

*Relieved on 1.07.2024(AN)

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Demonstrator	2	2
Technical Asstt. Gr-I/ S.Keeper	1	1 (Sr. Technical Asstt.)
Asstt-cum-DEO	1	Nil
Lab Technician	1	1
Clerk-cum-JDEO	1	1 (On Contract Basis)
Steno	1	Nil
Lab Attendant-cum Cleaner	4	3(Lab Attendant) (2-Permanent ,1-On Contract Basis) 1(Cleaner on Contract Basis)
Peon	1	1

VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
MPT	40	24	26
M.Sc Yoga Science and Therapy	40+5*	20	37

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
50	50	-	40	38	50

(c) Detail of Foreign Students, if any, admitted in the Department: Nil.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
Nil	Nil	1	1

List of Registered Ph.D. Scholars

S.No	Registration No.	Name of Scholar	Name of Supervisor
1.	190170090101	Ms. Usha	Dr. Shabnam Joshi
2.	190170090102	Ms. Sujata Sharma	Dr. Shabnam Joshi
3.	190170090107	Ms. Mamta Boora	Dr. Jaspreet Kaur
4.	190170090104	Mr. Nitin Kumar Indora	Dr. Manoj Malik
5.	190170090108	Ms. Jyoti	Dr. Shabnam Joshi
6.	190170090105	Ms. Meenu	Dr. Jaspreet Kaur
7.	190170090106	Ms. Pinky	Dr. Jaspreet Kaur
8.	200170090101	Ms. Ritu Tomer	Dr. Manoj Malik
9.	200170090102	Ms. Meenakshi Bagri	Dr. Shabnam Joshi
10.	200170090103	Ms. Savita Mandhar	Dr. Manoj Malik
11.	210170090101	Mr. Amandeep Singh	Dr. Shabnam Joshi
13	210170090102	Rahul	Dr. Jaspreet Kaur
14	210170090103	Preeti Sharma	Dr. Kalindi
15	210170090104	Monika	Dr. Kalindi
16	210170090105	Madhuri	Dr. Kalindi
17	190170090106	Pinky	Dr. Jaspreet Kaur
18	220170090101	Shalu Rani	Dr. Manoj Malik
19	220170090102	Reena Kumari	Dr. Jaspreet Kaur
20	220170090103	Chanchal	Dr. Shabnam Joshi

21	220170090104	Sakshi	Dr.. Jaspreet Kaur
22	220170090105	Deepika	Dr. Shabnam Joshi
23	220170090106	Amita	Dr. Shabnam Joshi
24	220170090107	Monika	Dr. Kalindi Dev

List of Ph.D. Completed Reseach Scholar

Name	Regn. No.	Name of Supervisor/ Co-Supervisor	Topic	Date of Award of Degree
Ms. Charu	190170090001	Dr. Manoj Malik	Efficacy of Spinal Manipulations on Spinal Alignment, Cardiopulmonary and Psychological Parameters in Functional Scoliosis: A Randomized Controlled Trial	27.07.2023

(IX) Sponsored Research/ Consultancy Projects: Nil.

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
0	43	03	46	0	-

(XI) Faculty wise detail of publication during the academic year:

a) **Books/Book Chapters/ Monograph etc. : Nil.**

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor

Dr. Shabnam Joshi

- UshaPanihar, Monika Rathi, **Shabnam Joshi** and Charu Gera. Efficacy of whole body resistance band training on physical parameters in male cricketers: RCT Study. Sport & Exercise Medicine Switzerland, 2023;71 (3):13–19. <https://doi.org/10.34045/SEMS/2023/33>
- Poonam, **Shabnam Joshi**, AlkaPawalia, Charu Gera. Hip Abductor Strengthening vs. Iliotibial Band Stretching exercises in Conventional Knee Osteoarthritis Rehabilitation: A Comparative Trial. Comparative Exercise Physiology 2023;19(3):183-188.
- Mehla, P., **Joshi, S.**, Pawalia, A., &Gera, C. (2024). Hip abductor strengthening vsiliotibial band stretching exercises in conventional knee osteoarthritis rehabilitation: a comparative trial. Comparative Exercise Physiology, 20(2), 175-182. <https://doi.org/10.1163/17552559-20231009>

- Sheetal, SonuPunia, Varun Singh, **Shabnam Joshi**, Mamta Boora. Effect of Semontmaneuver and Brandt-Daroff exercises on Benign Paroxysmal Positional Vertigo. Romanian Journal of Neurology. Ref: Ro J Neurol. 2023; 22(1). Scopus. DOI: 10.37897/RJN.2023.1.3
- Panihar, U., **Joshi, S** (2023). Systematic review and meta-analysis on efficacy of various exercise programs to improve postural parameters, pain and disability in neck. Comparative Exercise Physiology. 19(2), 101-110. <https://doi.org/10.3920/CEP220074>
- Sabharwal, J., &**Joshi, S.** (2024). Effectiveness of neuromuscular exercises and neuromuscular electrical stimulation on pain, function and balance in patients with knee osteoarthritis – a randomised controlled trial. Comparative Exercise Physiology, 20(3), 263-271. <https://doi.org/10.1163/17552559-20230047>.
- RekhaChaturvedi, Monika Muwal, **Shabnam Joshi**, Meenakshi Bagri, Vandana Rani. Effect of short duration plyometric training on vertical jump and sprint speed in volleyball players. (2023). Journal of Physiotherapy Research, 13, e5028. <https://doi.org/10.17267/2238-2704rpf.2023.e5028>
- SujataSharma,**ShabnamJoshi**(2024).Effects of pulsed electromagnetic field and retrowalking In patients with chronic non-specific low back pain:a pilot study.RevistaPesquisaem Fisioterapia,14,e5608-e5608. <https://doi.org/10.17267/2238-2704rpf.2024.e5608>.
- SudhaYadav, Shabnam Joshi, SonuPunia. Efficacy of combined exercise training during different menstrual phases in young students with primary dysmenorrhoea. 2024; 29(4): e2131. <https://doi.org/10.1002/pri.2131>

Dr. Jaspreet Kaur

- Tanwar B, Rani V, Chaturvedi R, **Kaur J**, Malik M, Arora G, et al. Effectiveness of pelvic floor strengthening exercises in females with stress urinary incontinence – A systematic review. J DattaMegheInst Med SciUniv 2024;19:427-34.
- Boora, M., &**Kaur, J.** Efficacy of upper limb training on grip strength and muscle activity in individuals with type 2 diabetes: a feasibility study. Comparative Exercise Physiology, October, 2023, 19(4), 313-322. <https://doi.org/10.1163/17552559-20230009>
- **Kaur, J.**, Gera, C., Malik, M., Pawalia, A. Knee pain – thinking beyond degeneration: a systematic review. Comparative Exercise Physiology. 2023, 183-188. <https://doi.org/10.3920/CEP230006>
- Rahul Jogi, JaspreetKaur, MinaxiSaini, **Manoj Malik**.Effect of Physical training on target accuracy of archer athletes: A systematic review. Journal of Body works and movement therapies.2024.

Dr.Manoj Malik

- Tanwar B, Rani V, Chaturvedi R, Kaur J, **Malik M**, Arora G, et al. Effectiveness of pelvic floor strengthening exercises in females with stress urinary incontinence – A systematic review. J DattaMegheInst Med SciUniv 2024;19:427-34.
- Kaur, J., Gera, C., **Malik, M.**, Pawalia, A. Knee pain – thinking beyond degeneration: a systematic review. Comparative Exercise Physiology. 2023, 183-188. <https://doi.org/10.3920/CEP230006>.
- **Manoj Malik**, Sarita, SonuPunia, JaspreetKaur, Varun Singh.Effect of posture correction on blood pressure in persons with Forward Head Posture.Romanian Journal of Neurology. 2023,1453-4134.
- Rahul Jogi, JaspreetKaur, MinaxiSaini, **Manoj Malik**.Effect of Physical training on target accuracy of archer athletes: A systematic review. Journal of Body works and movement therapies.2024.

- Parul Sharma, Rajiv K. Tonk, **Manoj Malik**, Shweta Sharma, NeerjaThukral, Pooja Sharma.Knee Osteoarthritis: Pharmacological and therapeutic management .Bulletin of Environment, Pharmacology and Life Sciences,2024.
- Parul Sharma, Rajiv K. Tonk, **Manoj Malik**, Shweta Sharma.Evaluation of Novel Iontophoretic Gel containing SymphytumOfficinale on Knee osteoarthritic Patients .Journal of Advance Zoology,2024
- Parul Sharma, Rajiv K. Tonk, **Manoj Malik**, Shweta Sharma.Evaluation of Novel Iontophoretic Gel containing SymphytumOfficinale on Knee osteoarthritic Patients .Journal of Advance Zoology,2024.
- Charu Gera, **Manoj Malik**.Efficacy of spinal manipulations and Schroth exercises on psychological parameters in patients with functional scoliosis: a randomized controlled trial.Comparative Exercise Physiology, 2023

Dr.Kalindi

- RangaM,&**Dev K.** (2024). The Effect of Yoga Therapy in Premenstrual Syndrome: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Journal of Obstetrics and Gynaecology Canada, <https://doi.org/10.1016/j.jogc.2024.102579>.

Dr. Sujata Sharma

- **SujataSharma**,Shabnam Joshi(2024).Effects of pulsed electromagnetic field and retrowalkinginpatients with chronic non-specific low back pain:a pilot study.RevistaPesquisaem Fisioterapia,14,e5608-e5608. <https://doi.org/10.17267/2238-2704rpf.2024.e5608>.

Dr. SonuPunia

- Nimesh A, Singh V, **Punia S***, Boora M. Efficiency of pulsed electromagnetic field and neuromuscular electrical stimulation on painful shoulder following stroke.<http://dx.doi.org/10.17267/2238-2704rpf.2024.e5441>. J Physiother Res 2024; 14:e5441.Journal of Physiotherapy Research. ISSN: 2238-2704
- Kaushik M Singh V, **Punia S***, Boora M. Efficacy of ywtl exercises on posture in motor and cognitive dual task during smartphone use. Journal of Musculoskeletal Research. 2024; 2450003: 11. ISSN: 0218-9577. DOI: 10.1142/S021895 7724500039.
- SudhaYadav, Shabnam Joshi, **SonuPunia**. Efficacy of combined exercise training during different menstrual phases in young students with primary dysmenorrhoea. 2024; 29(4): e2131. <https://doi.org/10.1002/pri.2131>

Dr.Rekha Chaturvedi

- **Chaturvedi R**, Muwal M, Joshi S, Bagri M, Rani V. Effect of short duration plyometric training on vertical jump and sprint speed in volleyball players. J Physiother Res. 2023;13:e5028. [http:// dx.doi.org/10.17267/2238-2704rpf.2023.e5028](http://dx.doi.org/10.17267/2238-2704rpf.2023.e5028)
- Tanwar B, Rani V, **Chaturvedi R**, Kaur J, Malik M, Arora G, et al. Effectiveness of pelvic floor strengthening exercises in females with stress urinary incontinence – A systematic review. J DattaMegheInst Med SciUniv 2024;19:427-34.

Dr. Vandana Rani

- Chaturvedi R, Muwal M, Joshi S, Bagri M, **Rani V**. Effect of short duration plyometric training on vertical jump and sprint speed in volleyball players. J Physiother Res. 2023;13:e5028. [http:// dx.doi.org/10.17267/2238-2704rpf.2023.e5028](http://dx.doi.org/10.17267/2238-2704rpf.2023.e5028)
- Tanwar B, **Rani V**, Chaturvedi R, Kaur J, Malik M, Arora G, et al. Effectiveness of pelvic floor strengthening exercises in females with stress urinary incontinence – A systematic review. J DattaMegheInst Med SciUniv 2024;19:427-34.

Dr. Varun Poonia

- MuskanKaushik, **Varun Singh**, SonuPunia, Mamta Boora (2024). Efficacy of YWTL exercises on posture in motor and cognitive dual task during smartphone use. Journal of musculoskeletal research. April, 2024; 2450003. <https://doi.org/10.17267/2238-2704rpf.2024.e5441>
- AradhanaNimesh, **Varun Singh**, SonuPunia, Mamta Boora (2024). Efficiency of pulsed electromagnetic field and neuromuscular electrical stimulation on painful shoulder following stroke. J. Physiother. Res., Salvador, May, 2024; 2024;14:e5441. <https://doi.org/10.17267/2238-2704rpf.2024.e5441>

Dr.Mamta Boora

- **Boora, M.**, &Kaur, J. Efficacy of upper limb training on grip strength and muscle activity in individuals with type 2 diabetes: a feasibility study. Comparative Exercise Physiology, October, 2023, 19(4), 313-322. <https://doi.org/10.1163/17552559-20230009>
- MuskanKaushik, Varun Singh, SonuPunia, **Mamta Boora** (2024). Efficacy of YWTL exercises on posture in motor and cognitive dual task during smartphone use. Journal of musculoskeletal research. April, 2024; 2450003. <https://doi.org/10.17267/2238-2704rpf.2024.e5441>
- AradhanaNimesh, Varun Singh, SonuPunia, **Mamta Boora** (2024). Efficiency of pulsed electromagnetic field and neuromuscular electrical stimulation on painful shoulder following stroke. J. Physiother. Res., Salvador, May, 2024; 2024;14:e5441. <https://doi.org/10.17267/2238-2704rpf.2024.e5441>

Dr.Jyoti

- Sabharwal, J., &**Joshi, S.** (2024). Effectiveness of neuromuscular exercises and neuromuscular electrical stimulation on pain, function and balance in patients with knee osteoarthritis – a randomised controlled trial. Comparative Exercise Physiology, 20(3), 263-271. <https://doi.org/10.1163/17552559-20230047>.

Dr. Meenakshi Bagri

- Chaturvedi R, Muwal M, Joshi S, **Bagri M**, Rani V. Effect of short duration plyometric training on vertical jump and sprint speed in volleyball players. J Physiother Res. 2023;13:e5028. <http://dx.doi.org/10.17267/2238-2704rpf.2023.e5028>

Dr.Alka Pawalia

- Poonam, Shabnam Joshi, **AlkaPawalia**, Charu Gera. Hip Abductor Strengthening vs. Iliotibial Band Stretching exercises in Conventional Knee Osteoarthritis Rehabilitation: A Comparative Trial. Comparative Exercise Physiology 2023;19(3):183-188.
- Kaur, J., Gera, C., Malik, M., **Pawalia, A.** Knee pain – thinking beyond degeneration: a systematic review. Comparative Exercise Physiology. 2023, 183-188. <https://doi.org/10.3920/CEP230006>

Dr.Charu Gera

- **Charu Gera**, Sonulamba, AlkaPawalia, UshaPanihar (2022). Efficacy of various exercises in the Management of Upper Crossed Syndrome" is accepted for publication in Comparative Exercise Physiology, 2023;19(3):207-213.<https://doi.org/10.3920/CEP220039>
- Kaur, J., **Gera, C.**, Malik, M., Pawalia, A. Knee pain – thinking beyond degeneration: a systematic review. Comparative Exercise Physiology. 2023;19(3): 183-188. <https://doi.org/10.3920/CEP230006>
- UshaPanihar, Monika Rathi, Shabnam Joshi and **Charu Gera**. Efficacy of whole body resistance band training on physical parameters in male cricketers: RCT Study. Sport & Exercise Medicine Switzerland, 2023;71 (3):13–19. <https://doi.org/10.34045/SEMS/2023/33>

- Mehla, P., Joshi, S., Pawalia, A., & Gera, C. (2024). Hip abductor strengthening vs iliotibial band stretching exercises in conventional knee osteoarthritis rehabilitation: a comparative trial. *Comparative Exercise Physiology*, 20(2), 175-182. <https://doi.org/10.1163/17552559-20231009>

Dr. Usha

- Panihar, U., Joshi, S (2023). Systematic review and meta-analysis on efficacy of various exercise programs to improve postural parameters, pain and disability in neck. *Comparative Exercise Physiology*. 19(2), 101-110. <https://doi.org/10.3920/CEP220074>
- Gera, C., Lamba, S., Pawalia, A., & Panihar, U. (2023). Efficacy of Various Exercises in the Management of Upper Crossed Syndrome. *Comparative Exercise Physiology*. <https://doi.org/10.3920/CEP220039>

Mr. Parkash

- Parkash, Role of Yogic Lifestyle in Weight Management : A Review Study. Published in Vol 28 No 8, August 2023. *Madhya Pradesh Journal of Social Sciences* (ISSN:0973-855X). UGC-CARE list Group 1. Impact Factor 5.3.

Mr. Manav Kumar

- Mr. Manav Kumar, Dr. Monika Sharma, Dr. Saloni Malik . Effect of Pranayama on COPD Patients: A Review, Published in BTH, Volume 24, Issue 6, June 2024. *Bulletin For Technology*, An UGC CARE list Group-II. Approved journal. ISSN No: 0391-6715.

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	04	-	04	02	-	02
Associate Professor	-	-	-	-	-	-
Assistant Professor	24	08	32	26	-	26

(b) International Conferences/ Seminars/ Workshops:

(c) National Conferences/ Seminars/ Workshops:

(d) Regional/ State Level Conferences/ Seminars/ Workshops: Nil.

Dr. Shabnam Joshi

- Attended International Conference Spine Physio Con-2024 held at Raddison Hotel, Gurugram, Haryana, on 18 February, 2024.

Dr. Jaspreet Kaur

- Attended and Paper presented in International Conference titled International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) on Role of upper limb sensorimotor and strength training on muscular activity and manual dexterity in patients suffering from type 2 diabetes mellitus: a randomized controlled trial held on 20-21 March 2024 at CRS auditorium Guru Jambheshwar University of Science and Technology Hisar, Haryana.

- Attended and Paper presented in International conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Dual Task Training with Different Priority Instructional Sets on the Gait Parameters in Elderly Participants” held on 17th-18th November, 2023 organized by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Attended International Conference Spine Physio Con-2024 held at RaddisonHotel,Gurugram ,Haryana , on 18 February ,2024.

Dr. Manoj Malik

- Attended and paper presented on ‘Effect of Tibialis and peroneal muscles strengthening on balance and mobility of Diabetic patients’ in International conference on emerging goals and challenges in pharmaceutical technology and allied sciences held on 20/3/24 to 21/3/24/24 organized by Department of pharmaceutical sciences, Guru Jambheshwar University of Science and Technology.
- Paper (Platform) Presentation on the topic “Physiotherapy Management of Patellofemoral pain syndrome: A Review” in international level Physiotherapy Conference on the theme “Spine Physicon” From 17/2/24 to 18/2/24 organized by Physio Bharat in association with CK Birla Hospital at Radisson Hotel, Gurugram.
- Paper (Platform) Presentation on the topic “The factors responsible for patellofemoral pain Syndrome: A review paper” in International level Physiotherapy Conference on the theme “Emerging trends in Pharmacotherapy and Health Technology” on 24th May, 2023 to 25th May 2023 organized by Jayoti Vidyapeeth Women’s University, Jaipur .

Dr.Kalindi

- Presented a paper in International Conference on A Systematic Review and Meta Analysis On The Effect of McKenzie Exercise On Forward Head Posture, held on 17th-18th August, 2023 at Chaudhary Devi Lal University, Sirsa.
- Presented a paper in International Conference on Effect of PNF & MET on low back pain with tight hamstrings in female gym goers, held on 17th-18th August, 2023, at Chaudhary Devi Lal University, Sirsa.
- Presented a paper in International Conference on Effect of muscle energy technique with diaphragm exercise release on respiratory parameters and craniovertebral angle in forward head posture, held on 17th-18th August, 2023, at Chaudhary Devi Lal University, Sirsa.
- Presented a paper in International Conference on Effects of KAATSU training on strength in football players: A Systematic Review and Meta-Analysis held on 17th-18th August, 2023, at Chaudhary Devi Lal University, Sirsa.
- Presented a paper on the topic “Effect of posture correction exercises on respiratory functions in lactating mothers” in INCPT AIIMS-2023 organized by Physiotherapy Unit, Department of Anaesthesiology, Pain Medicine and Critical Care, AIIMS, New Delhi on 23rd and 24th December, 2023.

Dr.Rekha Chaturvedi

- Attended One day workshop on IPR awareness on October 11, 2023 organized by patent cell GJUS&T, Hisar.

Dr.Sujata Sharama

- Attended, paper presented in International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences(ICPTA 2024): “Comparing the efficacy of PEMF &Retrowalking in CNSLBP” on 20-21 March 2024 organized by Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology,Hisar.

Dr. Sonu Punia

- Paper presentation in International Conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Effects of multiple exercises training on prevention of falls in older people” held on 17th-18th November, 2023 at Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presentation in International Conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Efficacy of blood flow restriction training with theraband in knee osteoarthritis” held on 17th-18th November, 2023 at Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presentation in International Conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Efficacy of YWTL Exercises on Posture in Motor and Cognitive Dual Task during Smartphone Use” held on 17th-18th November, 2023 at Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presentation in International Conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Efficacy of combined exercise training during different menstrual phases in young students with primary dysmenorrhea” held on 17th-18th November, 2023 at Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presentation in International Conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Dual Task Training with Different Priority Instructional Sets on the Gait Parameters in Elderly Participants” held on 17th-18th November, 2023 at Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presentation in International Conference titled International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) on Effect of myofascial release with corrective exercise on cardiovascular parameter in kyphotic patient: a study protocol. held on 20-21 March 2024 at CRS auditorium Guru Jambheshwar University of Science and Technology Hisar, Haryana.

Dr. Vandana Rani

- Attended National Conference Physio Connect-4 National conference held at Panjab University, Chandigarh on 30-31 March, 2024.

Dr. Varun Poonia

- Paper presented in International Conference titled International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) on Effectiveness of Stretching and Strength Training of Quadriceps Muscle on Knee Flexion Range of Motion and Balance Control in Osgood Schlatter Disease: A Case Study held on 20-21 March 2024 at CRS auditorium Guru Jambheshwar University of Science and Technology Hisar, Haryana.

- Paper presented in International conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Efficacy of YWTL Exercises on Posture in Motor and Cognitive Dual Task during Smartphone Use” held on 17th-18th November, 2023 organized by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.

Dr. Mamta Boora

- Presented a paper entitled Effect of Upper Limb Sensorimotor Training Versus Resistance Training in Management of Patients with Type 2 Diabetes: A Randomized Controlled Trial in CDLU-AIMT SPRING International conference held during August 17-18, 2023 at Chaudhary Devi Lal University Sirsa, Haryana, India.
- Paper presented in International conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Dual Task Training with Different Priority Instructional Sets on the Gait Parameters in Elderly Participants” held on 17th-18th November, 2023 organized by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presented in International conference titled “Advances in Physiotherapy and Rehabilitation-AIPR-23” on theme “Emergent trends and evolving practices in Electrotherapeutic and Diagnostic Approaches: A Bottomless Ocean of Possibilities” entitled “Efficacy of YWTL Exercises on Posture in Motor and Cognitive Dual Task during Smartphone Use” held on 17th-18th November, 2023 organized by Department of Physiotherapy, Chitkara School of Health Sciences, Chitkara University, Punjab.
- Paper presented in International Conference titled International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA-2024) on Role of upper limb sensorimotor and strength training on muscular activity and manual dexterity in patients suffering from type 2 diabetes mellitus: a randomized controlled trial held on 20-21 March 2024 at CRS auditorium Guru Jambheshwar University of Science and Technology Hisar, Haryana.

Dr. Meenakshi Bagri

- Attended, paper presented in International Conference on Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences (ICPTA 2024): “Comparing the efficacy of PEMF & Retrowalking in CNSLBP” on 20-21 March 2024 organized by Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology, Hisar.
- Attended National Conference Physio Connect-4 National conference held at Panjab University, Chandigarh on 30-31 March, 2024.

Dr. Alka Pawalia.

- Attended International Conference Spine Physio Con-2024 held at Raddison Hotel, Gurugram, Haryana, on 18 February, 2024.

Dr. Usha

- Presented a paper entitled “Effect of Feedback Respiratory Exercises and Myofascial Release in Forward Head Posture: A Pilot Randomized Controlled Trial” in International Conference on “Advances in Physiotherapy and Rehabilitation” Emergent Trends and Evolving Practices in Electrotherapeutic & Diagnostic Approaches, A Bottomless Ocean of Possibilities organized by Chitkara University on 17-18 November, 2023.
- Presented a paper entitled “Efficacy of Myofascial Release and Feedback Respiratory Exercises on Respiratory Functions and Pectoralis Minor Length in Individuals with Forward Head Posture” in International Conference on Emerging Goals and Challenges in Pharmaceutical

Technology and Allied Sciences (ICPTA-2024) organized by Department of Pharmaceutical sciences, GJUST, Hisar on 20-21 March, 2024.

M/s Niharika Singh Rojaria

- Attended Work Shop on IPR Awareness, organised by Patent Cell, Guru Jambheshwar University of Science & Technology, Hisar on 11 October 2023.
- Attended One Week Online Faculty Development Programme on “Artificial Intelligence and Data Analytics” from 18 March to 23rd March 2024.
- Attended Financial Awareness Program conducted by Centre for Investment Education and Learning, dated 27/03/2023.

Mr. Parkash

- Attended Work Shop on IPR Awareness, organised by Patent Cell, Guru Jambheshwar University of Science & Technology, Hisar on 11 October 2023.

(e) Refresher Courses/ Orientation Courses:

Dr. Kalindi Dev

- Attended and participated in UGC sponsored 8 days online (live mode) “NEP Orientation & Sensitization Programme-1” under Malaviya Mission Teacher Training Programme (MMTTP) organized by MMTTC, GJUST, Hisar w.e.f. 13-12-2023 to 21-12-2023.
- Attended and participated in the UGC sponsored Two-weeks Online (Live Mode) Interdisciplinary Refresher Course on “Environmental Studies” conducted by UGC-HRDC, GJUST, Hisar w.e.f. 03-July-2023 to 15-July-2023 and obtained Grade A.

Dr. Sonu Punia

- Attended 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-1” under Malaviya Mission Teacher Training Programme (MMTTP) organized by MMTTC, GJUST, Hisar w.e.f. 13-Dec-2023 to 21-Dec-2023.

M/s Niharika Singh Rojaria

- Attended 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-III” under Malaviya Mission Teacher Training Programme (MMTTP) organized by MMTTC, GJUST, Hisar w.e.f. 19-Feb-2024 to 28-Feb-2024.

Mr. Parkash

- Attended 8 Days Online (Live Mode) “NEP Orientation & Sensitization Programme-III” under Malaviya Mission Teacher Training Programme (MMTTP) organized by MMTTC, GJUST, Hisar w.e.f. 19-Feb-2024 to 28-Feb-2024.

(f) National/International Webinars Attended :

(g) Total number of Refresher/ Orientation Course/Webinar attended:

i)	Refresher Course	: 01
ii)	Orientation Course	: 04
iii)	Webinar	: Nil
iv)	Total	: 05

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies:
- ii) Member of Expert Committees:
- iii) Member of Academic Bodies of other institutions:

iv) Any Other

Sr. No.	Name	Designation	Registration in HSCP	Registration in IAP
1.	Dr. Shabnam Joshi	Professor	HSCP/PT/2021/0061	L- 15591
2.	Dr. Jaspreet Kaur	Professor	HSCP/PT/2022/1298	L-11077
3	Dr. Manoj Malik	Assistant Professor	HSCP/PT/2021/0003	L-12532
4.	Dr. Kalindi	Assistant Professor	HSCP/PT/2022/1174	L-21783
5.	Dr. Ramniwas, PT	Demonstrator	HSCP/PT/2022/0263	-
6	Dr. Sonu Punia	Assistant Professor (on contract)	HSCP/PT/2021/0024	L-22110
7.	Dr. Sujata Sharma, PT	Assistant Professor (on contract)	HSCP/PT/2021/0312	-
8.	Dr. Rekha Chaturvedi	Assistant Professor (on contract)	HSCP/PT/2021/0291	-
9.	Dr. Vandana Rani	Assistant Professor (on contract)	HSCP/PT/2022/1022	-
10.	Dr. Varun Singh	Assistant Professor (on contract)	HSCP/PT/2021/0023	LA/39690
11.	Dr. Mamta Boora, PT	Assistant Professor (on contract)	HSCP/PT/2021/0622	-
12.	Dr. Jyoti, PT	Assistant Professor (on contract)	HSCP/PT/2021/0299	-
13.	Dr. Meenakshi Bagri, PT	Assistant Professor (on contract)	HSCP/PT/2021/0214	35034
14.	Dr. Alka Pawalia	Assistant Professor (on contract)	HSCP/PT/2021/0685	-
15.	Dr. Charu	Assistant Professor (on contract)	HSCP/PT/2021/0344	-
16.	Dr. Usha, PT	Assistant Professor (on contract)	HSCP/PT/2022/1052	-

Membership of Expert Committees

1. Dr. Shabnam Joshi

- Member of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T
- Member, Faculty of Medical Sciences, GJUS&T
- Chairperson (Ex- Officio) Faculty of Medical Sciences, GJUS&T

2. Dr. Jaspreet Kaur

- Chairperson of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T

3. Dr. Manoj Malik

- Member of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T

4. Dr. Kalindi

- Member of Departmental Research Committee (DRC), Board of Studies and Research (BOS&R) and Institutional Ethics Committee, Department of Physiotherapy, GJUS&T

Any Other

Dr. Shabnam Joshi

- Performed duties as the Chairperson of the department.
- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T

Dr. Jaspreet Kaur

- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T
- Performed duties as the Chairperson of the department.
- Member of Anti Eve Teasing Committee, GJUS&T

Dr. Manoj Malik

- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T

Dr. Kalindi

- Member of Academic, Technical, Administrative committee of Department of Physiotherapy, GJUS&T
- Training & Placement Coordinator, Department of Physiotherapy, GJUS&T
- Performed duty as the OPD incharge

Member of Academic Bodies of Other Institutions**Dr. Shabnam Joshi**

- Member of Board of Studies and Research (BOS&R) of Gurugram University, Gurugram

Dr. Manoj Malik

- Member of Executive Committee of Haryana State Council for Physiotherapy (HSCP)
- Registration & Equivalence cell member of Haryana State Council for Physiotherapy (HSCP)

(XIV) Detail of Consultancy Project/Work in Department: Nil.**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty-wise detail)**

Type	Topic/ Subject	Institution	Dates
Invited talk			
Extension lectures			
Any other			

Dr. Shabnam Joshi

- Participated as “**Panelist**” at International Conference Spine Physio Con-2024 held at Raddison Hotel, Gurugram, Haryana on 18 February, 2024.
- Participated as “**Eminent Expert**” at MM Shodhustav -2024 held at Maharishi Markandeshwar University, Mullana, Haryana on 18 February, 2024.

Dr. Kalindi Dev

- Participated as a Chairperson in INCPT AIIMS-2023 organized by Physiotherapy Unit, Department of Anaesthesiology, Pain Medicine and Critical Care, AIIMS, New Delhi on 23rd and 24th December, 2023.
- Attended 3rd National conference GAPTCO 2023 “Physiotherapy Advancement & Opportunities” held on 8th October, 2023 at Artemis Hospital, Gurugram as Scientific Committee member.

Dr. Sonu Punia

- Invited speaker on topic “**Role of Physiotherapy during Pregnancy and breast feeding**” at workshop on “**World breast feeding week (1st&7th August, 2023)**” on 2nd August, 2023 organized by District Programme Officer, Women and Child Development, Sirsa-125055, Haryana, India.

Dr. Vandana Rani

- Participated as a Chairperson in scientific committee National Conference Physio Connect-4 National conference held at Panjab University, Chandigarh on 30-31 March, 2024.

Dr. Meenakshi Bagri

- Participated as a scientific committee member in National Conference Physio Connect-4 National conference held at Panjab University, Chandigarh on 30-31 March, 2024.

Dr. Alka Pawalia

- Participated as “**Panelist**” at International Conference Spine Physio Con-2024 held at Raddison Hotel, Gurugram, Haryana on 18 February, 2024.

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Dr. Shabnam Joshi	Chairperson, Department of Physiotherapy	27.01.2021 to 27.01.2024
2	Dr. Shabnam Joshi	Member of Sports Council, GJUST	20.09.22 (For 2 Years)
3	Dr. Jaspreet Kaur	Chairperson, Department of Physiotherapy GJUST	28.01.2024 till date

(XVII) Training /Internship/ Placement Activities information of the Department

- **Note:-** Please attach a list of companies along with number of students for training and placement with dates, etc..

List of Bachelor of Physiotherapy (BPT)

S.No.	Name	Roll no	Placement
1	Vinay	190171710019	Own Clinic, Bahadurgarh
2	Bharti	190171710020	Worked at V.K. Neurocare and research Hospital, Hisar
3	Suraj	190171710034	Own Clinic, Gurugram
4	Jatin	190171710037	Own Clinic, Barwala
5	Pawan Kumar	190171710041	Own Clinic, Hisar
6	Chirag	190171710043	Worked at Military Hospital, Hisar
7	Priyanshi	190171710044	Own Clinic, Gurugram
8	Balram	190171710046	Own Clinic, Hisar
9	Satish Kumar	190171710054	Worked at Life Care Hospital, Kaithal

List of Master of Physiotherapy (MPT)

S.No.	Name	Name Roll No.	Placement
1	Anisha	220172660001	Working as Assistant Professor in MGM School of Physiotherapy, Navi Mumbai
2	Kartar	220172660002	Working as a Physiotherapist at Prognosis clinic, Gurgaon
3	Sushila	220172660003	Own physiotherapy clinic, Hisar.
4	Princy	220172660005	Working as Physiotherapist at Shanti Devi Hospital, Hisar
5	Nisha	220172660006	Shiv shakti charitable trust Kurukshetra
6	Mukul Yadav	220172660007	Assistant Professor Department of Physiotherapy Jagannath University, Sitapura, Jaipur, Rajasthan
7	Naveen	220172660008	IEC university Baddi, Himachal Pradesh
8	Deepika	220172670001	Working in Max hospital Saket, Delhi
9	Sakshi Sharma	220172670002	Own physiotherapy clinic, Hisar.
10	Anshu Yadav	220172670003	Working in Kalyani hospital Gurgaon
11	Ajay Sharma	220172670004	Physiotherapist in Narayan Sewa Sansthan, Kaithal

List of M.Sc Yoga Science and Therapy (M.Sc Yoga)

S.No.	Name	Roll No.	Placement
1	Manjeet Kaur	220171780005	Guru Ravidas Ayurved University Punjab.VPO-Kharkan, Distt. Hoshiarpur.
2	Tejveer Singh	220171780007	Guru Ravidas Ayurved University Punjab.VPO-Kharkan, Distt. Hoshiarpur
3	Jaisika	220171780015	Guru Ravidas Ayurved University Punjab.VPO-Kharkan, Distt. Hoshiarpur
4	Manisha	220171780022	Guru Ravidas Ayurved University Punjab.VPO-Kharkan, Distt. Hoshiarpur

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i. Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/International	Number of participants	Dates/ Duration
Physiotherapy Day	National	200	8 th September 2023/ One day
10th International Yoga day	National	250	21 June 2024/ One day

ii. Extension lecture: Nil.

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge

iv. Industry interaction programmes: Nil.

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred

Dr. Shabnam Joshi

- Awarded “**Professional Contribution AWARD- Academics**” at International Conference Spine Physio Con-2024 held at Raddison Hotel, Gurugram, Haryana on 18 February ,2024.

Dr.Jaspreet Kaur

- Awarded “**Significant Contribution AWARD- Academics** ” at International Conference Spine Physio Con-2024 held at Raddison Hotel, Gurugram ,Haryana , on 18 February ,2024.

Dr.Kalindi Dev

- Honored with ‘Teaching Excellence Award’ at Physio Connect 4th National Conference held on 30th -31st March, 2024 at Panjab University, Chandigarh.
- Appreciated as a Chairperson in INCPT AIIMS-2023 organized by Physiotherapy Unit, Department of Anaesthesiology, Pain Medicine and Critical Care, AIIMS, New Delhi on 23rd and 24th December, 2023.
- Honored with ‘Outstanding Contributor Award’ in 3rd National GAPTCO-2023 organized by Global Association for Physiotherapy at Artemis Hospital, Gurgaon, on 8th Oct. 2023.
- Appreciated as Chairperson in 3rd National GAPTCO-2023 organized by Global Association for Physiotherapy at Artemis Hospital, Gurgaon, on 8th Oct. 2023.
- Awarded as ‘Best Paper’ on “Effect of PNF & MET on low back pain with tight hamstrings in female gym goers”, at International Conference on Innovations in Science, Management and Technology [ICISMT], held on 17th-18th August,2023, at Chaudhary Devi Lal University, Sirsa.

Dr. Rekha Chaturvedi

- Awarded “**BEST ACADEMICIAN AWARD**”(Senior) at International Conference Physio Connect-3 held at ManavRachna International Institute of research and Studies ,Faridabad on 19 February ,2023.

Dr.Vandana Rani

- Awarded “**Teaching Excellence Award**” National Conference Physio Connect-4 National conference held at Panjab University, Chandigarh on 30-31 March ,2024.

Dr. Meenakshi Bagri

- Awarded “**Academic Eminence Award**” National Conference Physio Connect-4 National conference held at Panjab University, Chandigarh on 30-31 March ,2024.

Dr. Alka Pawalia

- Award of Appreciation for “**Academic Excellence Award**” in Spine Physiocon-2024 an International conference by Physio Bharat in collaboration with C.K. Birla Hospital, Gurugram on 18th February, 2024.

Dr. Mamta Boora

- Awarded “**Professional Contributor Award**” in 3rd National Conference GAPTON, 2023 held on 8th October, 2023 at Auditorium, Artems Hospital, Gurugram.

Dr. Sonu Punia

- Awarded “**Certificate of Appreciation**” on occasion of International Women’s Day for commendable work in the field of Physiotherapy on 13th March, 2024 by District Programme Officer, Women and Child Development, Sirsa-125055.
- Awarded “**Teaching Excellence Award**” at 'PHYSIOCONNECT 4' National Conference, taking place on March 30th-31st, 2024, at the prestigious Law Auditorium, Panjab University, Chandigarh.

(XX) Any other important Information/ Achievement of the Department:

1. Affiliation received from Haryana Council for Physiotherapy.
2. MoU with two reputed hospitals of Hisar for Clinical exposure of the students

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Nil	Nil	Nil	
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
46	03	44	2.0
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
Nil	Nil	Nil	
Total number of funded research projects	Completed	Ongoing	-
Nil	Nil	Nil	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
06	01	01	

Overall recommendations of the Chairperson based on the Annual Report and Academic & Research plan for the next year, through Academic Committee of the Department is as follows:

1. It was also resolved that faculty members should be encouraged to apply for research projects in various funding agencies in order to improve the research achievements of the department.
2. Faculty members should be encouraged to publish paper in high impact factor journals and also encouraged to publish books & chapters in various publishing house.
3. Faculty members should be encouraged to apply for patents.

DEPARTMENT OF ZOOLOGY

(I) **NAME** : DEPARTMENT OF ZOOLOGY

(II) **Year of Establishment** : 2023

(III) (a) **Vision of the Department** :

To create a centre of excellence in the field of Zoology in teaching and innovative research, considering the welfare of society and the well-being of all species.

(b) **Mission of the Department:**

- To develop knowledge, soft skills, and leadership qualities among students, ensuring that graduates from the department are accepted by the world of work.
- To offer a wide range of career opportunities, including roles as research scientists, wildlife biologists, conservation biologists, educators, environmental consultants and more.
- Empower students and researchers with comprehensive knowledge and practical skills in Zoology, thereby creating opportunities for personal and professional growth.
- Enable students to become ethical and responsible leaders in respective fields, emphasizing the importance of lifelong learning, professional integrity, and social responsibility in shaping a positive impact on society.

(c) **Objective of the Department:**

(As resolved by Staff Council)

Imparting quality teaching and research activities in diverse areas including Animal Diversity, Animal Physiology, Taxonomy, Vertebrate Anatomy, Development Biology & Reproduction, Economic Zoology and Ecology.

(IV) **Programme(s) offered in the Department**

Programme (s)	Sanctioned intake	Present strength(total)
P.G		
M.Sc. 1 st Year (Zoology)	50+5*	48
M.Sc. 2 nd Year (Zoology)	30+5*	35

*No. of seats + (i) Two supernumerary seats for Single Girl Child of Haryana +(ii) One supernumerary seat for north- eastern candidate/ward of deceased due to COVID19 of Haryana + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar and (iv) One supernumerary seat for Kashmiri Migrants

(V) **Faculty detail**

(Attach a list of the Faculty along with their qualifications and Experiences)

Professor		Readers		Lecturers	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
--	-	--	--	--	--

Name	Designation	Specialization
Prof. Asha Gupta	Chairperson	Bioremediation

VI) Office/Tech. staff detail:

Position	Sanctioned	In Position
Tech. Assistant	-----	00
Lab Technician	-----	00
Steno- Typist	-----	00
Clerk	-----	01
Peon	-----	01
Lab Attendant	-----	01

(VII) (a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc. Zoology	50+5* (1 st Yr) + 30+5* (2 nd Yr)	50	35

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes: N.A.

(c) Detail of Foreign Students, if any, admitted in the Department: Nil.

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor): N.A.

(IX) Sponsored Research/ Consultancy Projects: N.A.

X) Number of Publications of Faculty (in Total): N.A.

(XI) Faculty wise detail of publication during the academic year: N.A.

b) Books/Book Chapters/ Monograph etc.

b) Research Papers/ Articles in Journals : Nil.

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:2023-24: N.A.

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

(b) International Conferences/ Seminars/ Workshops: N.A.

(c) National Conferences/ Seminars/ Workshops: N.A.

(d) Regional/ State Level Conferences/ Seminars/ Workshops: N.A.

(e) Refresher Courses/ Orientation Courses: N.A.

(f) National/International Webinars Attended: N.A.

(g) Total number of Refresher/ Orientation Course/Webinar attended: N.A.

- i) Refresher Course :**
- ii) Orientation Course :**
- iii) Webinar :**
- iv) Total**

Orientation Course: N.A.

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details): N.A.

- i) Membership of Professional Bodies:**
- ii) Member of Expert Committees:**
- iii) Member of Academic Bodies of other institutions:**
- iv) Any Other**

(XIV) Detail of Consultancy Project/ Work in Department: N.A.

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)

Type	Topic/ Subject	Institution	Dates
N.A.			

(XVI) Additional Duties Performed/Positions held in the University: N.A.

(Teacher-wise)

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	NIL	NIL
Placement	NIL	NIL

Note:- Please attach a list of companies along with number of students for training and placement with dates, etc.

(XVIII) Detail of Academic activities/Professional Activities/ Programmes Organized in Department during the year:

i Seminar/Conference/Refreshers course/Workshop/Training Programme

Sr. No.	Name of the Event	National/ International	Number of Participants	Dates/ Duration
1.	“International Conference on Global Challenges in Environment, Food and Biotechnology”	International	Aprx. 350	Feb 21-23, 2024

**DEPARTMENT OF GURU JAMBHESHWAR JI MAHARAJ INSTITUTE OF
RELIGIOUS STUDIES**

(II) **NAME** : Guru Jambheshwar Ji Maharaj Institute of Religious Studies

(II) **Year of Establishment** : सन् 1994

(III) (a) State the vision of the Department:

गुरु जम्भेश्वर धार्मिक अध्ययन संस्थान तुलनात्मक धर्म दर्शन के लिये स्थापित हुआ है। जिसमें प्रमुख रूप से गुरु जम्भेश्वर और जाम्भाणी साहित्य के साथ हिन्दू, बौद्ध, जैन, सिक्ख, इस्लाम, धर्मों का पर्यावरण के साथ तुलनात्मक अध्ययन अनुसंधान और विश्लेषण करने के लिए संस्थान की संरचना की गई है। इसके अतिरिक्त भारतीय दर्शन में हिन्दू दर्शन, वैदिक दर्शन, बौद्ध दर्शन, जैन दर्शन, उपनिषद दर्शन, सांख्यदर्शन, अद्वैत दर्शन, वेदांतदर्शन, द्वैताद्वैत दर्शन, भेदोभेददर्शन व प्राचीन व अर्वाचीन संतों सिद्धों, ऋषि-मुनियों, सिद्ध-साधकों व पीर पैगम्बरों के विषयों में गहन शोध व अनुसंधान करना तथा साथ ही भारतीय संस्कृति व साहित्य में उनके योगदान का मूल्यांकन करना।

(b) State the mission of the Department:

विश्व के सभी धर्मों में पारस्परिक समन्वय, सहिष्णुता एकता और व्यापकता की भावना की आधार शीला तैयार करना, धर्म निरपेक्षता व मानव मूल्यों की स्थापना करना भारतीय संस्कृति में संस्कारों की उपयोगिता को बनाये रखना धर्मों की सापेक्षता तथा अनेकता की निरपेक्षता को जीवन और जगत में क्रियान्वित करना, भारतीय संस्कृति व साहित्य के नैतिक मानदंडों की स्थापना करना व तुलनात्मक दर्शन की कठिनाइयों का निवारण करना व आदर्श और मर्यादाओं की स्थापना करना सभी धर्मों की आधार भूत सत्ता को एक ही मानना और विभिन्न देवीय शक्तियों को एक ही सत्ता के आत्मसात करना सभी धर्मों में साम्यनुमान के सिद्धान्त को स्वीकार करना, इसके साथ ही भारतीय धर्म परम्परा का पैगम्बरी धर्म परम्परा के साथ तुलनात्मक अध्ययन करना। पैगम्बरी धर्म परम्परा में यहूदी ईसाई तथा ईस्लाम धर्म आते हैं। इन तीनों धर्मों को एकेश्वरवाद की संज्ञा दी गई है प्राचीनता की मौलिकता के आधार पर इन तीनों धर्मों की परम्पराएं भारतीय धर्म और दर्शन के साथ गहरा संबंध रखती है।

(c) State the objective of the Department:

(As resolved by Staff Council)

गुरु जम्भेश्वर जी ने जीवन से संबंध अन्तः साक्ष्य और बहिः साक्ष्य रूप सामग्री और सम्पादन तथा अनुसंधान परक अध्ययन और अध्यापन। गुरु जम्भेश्वर जी के जीवन चरित्र व व्यक्तित्व और कृतित्व से संबंध भ्रातिपूर्ण धारणाओं का खण्डन करना। गुरु जम्भेश्वर व उनके शिष्यों-प्रशिष्यों तथा जाम्भाणी पंथ परम्परा के प्रमुख तीर्थ, धामों भण्डारों, साथरियों, में भ्रमण करके संबंध सामग्री का संग्रह, संकलन तथा सम्पादन करना। ऐतिहासिक गजेटियरों, शिलालेखों, भाटों की बहियों, पट्टों-परवानों, लिखतों, विगतों, व हस्तलिखित ग्रंथों का संग्रह, संकलन और सम्पादन तथा अनुसंधानपरक अध्ययन व अध्यापन। गुरु जम्भेश्वर द्वारा स्थापित बिश्नोई पंथ। परम्परा का व्यापक अध्ययन और अध्यापन तथा उनका शोधपूर्ण आंकलन। गुरु जम्भेश्वर और जाम्भाणी संतों की वाणियों का भारतीय भाषाओं में अनुवाद, पाठान्तर रूपान्तर तथा संकलन। जम्भवाणी का (सबदवाणी) का पाठान्तर और रूपान्तर सहित संकलन, सम्पादन तथा लिप्यान्तरण। सम्पूर्ण जम्भवाणी साहित्य का वर्गीकरण, मूल्यांकन एवं उसका साहित्यिक अवदान का महत्व। सम्पूर्ण जाम्भाणी वाङ्मय का भाषा शास्त्रीय व काव्यशास्त्रीय अध्ययन व अध्यापन और अनुसंधान परक अध्ययन। बिश्नोई पंथ का उद्भव और विकास प्रहलादपंथी परम्परा, बिश्नोई धर्म दर्शन की मूल मान्यताएं, पंथ का स्वरूप, कार्यक्षेत्र प्रमुख संस्कार तथा रीति-रिवाज, भाषा शैली, वेषभूषा, खानपान और इनकी जीवन पद्धति। गुरु जम्भेश्वर और जाम्भाणी संत परम्परा का भक्ति आन्दोलन अखिल भारतीय संत परम्परा में योगदान और आंकलन। मध्यकालीन संत परम्परा और जाम्भवाणी संतों के साथ उसका तुलनात्मक अध्ययन व अध्यापन तथा अनुसंधानपरक शोधकार्य। भारतीय धर्म और साधना में गुरु जम्भेश्वर का योगदान, अध्यात्म परम्परा में उनका आंकलन। मध्यकालीन संत-दर्शन का जाम्भाणी संत-परम्परी के साथ तुलनात्मक अध्ययन व अध्यापन। जिसमें प्रमुख रूप से शंकराचार्य, रामानंद, जयदेव, कबीर, तुलसीदास, सूरदास, नानक, दादूदयाल, संत ज्ञानेश्वर, नामदेव, एकनाथ, तुकाराम, रविदास, सुन्दरदास, मीराबाई, सहजोबाई, धन्ना, पीपाजी व सेनभक्त, इत्यादि मध्यकालीन संतों का भारतीय संस्कृति में योगदान। भारतीय संस्कृति का संत-संस्कृति की देन। सगुण और निर्गुण संत काव्य परम्परा का तुलनात्मक अध्ययन। हरियाणवी भाषा और साहित्य में जाम्भाणी संत-परम्परा का योगदान और आंकलन। भारतीय संत-परम्परा में जाम्भाणी आख्यान काव्य परम्परा का अध्ययन व अध्यापन। गेय परम्परा, डिंगल-पिंगल व लोकसाहित्य की परम्परा के साथ तुलनात्मक अध्ययन। गुरु जम्भेश्वर जाम्भाणी पंथ परम्परा का पर्यावरण संरक्षण की दृष्टि से महत्व, सार्थकता तथा वर्तमान युग में उनकी पर्यावरण प्रासंगिकता, उनकी पर्यावरणीय शिक्षाएं और उसकी अनुपालना। विश्व के

सभी धर्मों का पर्यावरण प्रासंगिकता की महत्ता, सार्थकता और उपयोगिता। गुरु जम्भेश्वर की नैतिक शिक्षाएं, भारतीय नैतिकता परम्परा के साथ जम्भवाणी की नैतिक शिक्षाओं का तुलनात्मक अध्ययन व अध्यापन। भारतीय नैतिक परम्परा की प्रमुख मान्यताएं उनका प्रभाव क्षेत्र, परिभाषाएं और प्रमुख नैतिक नियम। अठाहरवीं और उन्नसवीं शताब्दी के प्रमुख दार्शनिक, चिंतकों और विचारकों पर संत परम्परा का प्रभाव और उनका योगदान तथा अमर संदेश। भारतीय संत परम्परा का धर्म निरपेक्षता पर प्रभाव, भारतीय संविधान में संत परम्परा की प्रमुख मान्यताओं का अवदान। भारतीय संत-परम्परा का भारतीय संस्कृति में योगदान। प्रादेशिक संत साहित्य और भारतीय लोकपरम्पराएं, लोक संस्कृति का तुलनात्मक अध्ययन और अध्यापन तथा प्रमुख पाश्चात्य व भारतीय दार्शनिकों का व्यक्तित्व और कृतित्व। उनकी विश्व को देन। गुरु जम्भेश्वर कृत उन्नतीस धर्म-नियमों के साथ तुलनात्मक अध्ययन।

(IV) Programme(s) offered in the department

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.		05
P.G		
U.G		
Any other	Shri Madbhagwaad Gita Diploma Course	

(V) Faculty detail

(Attach a list of the Faculty alongwith their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01			
Associate Professor	02			
Assistant Professor	01		—	

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Clerk/Assistant	01	Contract Basis
Steno Typist	01	Nil
Care Taker	01	HKRNL
Library Attendant	01	HKRNL
Pujari	01	Contract Basis
Peon	01	HKRNL
Cleaner	01	HKRNL

VII)

a) Students detail in respect of M.Sc., M.Tech., M.Pharm., M.Ph.Th., M.Com., MBA and MCA Programmes NA

b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes NA

(c) Detail of Foreign Students, if any, admitted in the Department: NA

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
22

(IX) Sponsored Research/ Consultancy Projects: NA

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
01					

(XI) Faculty wise detail of publication during the academic year: 01

b) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books(Text/Reference/Report)	Publishers
Prof. Kishna Ram Bishnoi, Research Scholar Mrs. Kamlesh	संत साहित्य तथा संत वाणी	2023	Text	Vikas Book Company, New Delhi-110002
Prof. Kishna Ram Bishnoi, Prof. Krishan Kumar Kaushik, Dr. Ravi Kumar	संत वाणी घर में घर की खोज	2024	Text	A.R Publishing Co. K-37 Ajit Vihar Delhi-110084

b) Research Papers/ Articles in Journals NA

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
डा. करुणा शंकरउपाध्याय, डा. पुष्पा बिश्नोई, डा. रामस्वरुप	2024	भक्ति आन्दोलन में गुरु जाम्भोजी का योगदान		Jambhwani Sahitya Aakadmi Bikaner	01	01-08	978-93-83415-56-14	

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:01

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented NA

(b) International Conferences/ Seminars/ Workshops: NA

(c) National Conferences/ Seminars/ Workshops: NA

(d) Regional/ State Level Conferences/ Seminars/ Workshops: NA

(e) Refresher Courses/ Orientation Courses: NA

(f) National/International Webinars Attended NA

(g) Total number of Refresher/ Orientation Course/Webinar attended:NA

i) Refresher Course :

ii) Orientation Course :

iii) Webinar :

iv) Total :

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

i) Membership of Professional Bodies:

ii) Member of Expert Committees:

iii) Member of Academic Bodies of other institutions:

iv) Any Other-i)समराथल धारा पत्रिका

(XIV) Detail of Consultancy Project/Work in Department: NA

**(XV) Lectures(other than class) (Invited talks/Extension Lectures) delivered
(Give Faculty wise detail) NA**

**(XVI) Additional Duties Performed/Positions held in the University
(Teacher-wise) NA**

(XVII) Training /Internship/ Placement Activities information of the Department: NA

**(XVIII)Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year:**

i) Seminar/Conference/Refreshers course/Workshop/Training Programme

Name of the Event	National/ International	Number of participants	Dates/ Duration
Seminar	National	100	18.01.2024
Conference	International	250	22-23, August 2024

ii. Extension lecture: NA

iii. Students tour NA

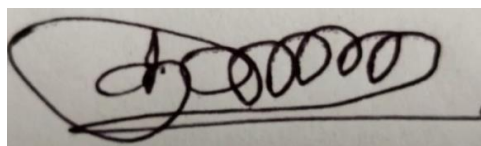
iv. Industry interaction programmes : NA

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Prof. Kishna Ram Bishnoi	Award of Honor	Tamil Culuture Resarch Centre (TCRC)	international	25.04.2024

(XX) Any other important Information/ Achievement of the Department:

- 22 जनवरी, 2024 को गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा अयोध्या में भगवान श्री राम की प्रतिमा की प्राण प्रतिष्ठा के पावन पर्व के उपक्षय में भव्य कार्यक्रम का आयोजन किया गया था।
- 26 अगस्त, 2024 को गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा गुरु जम्भेश्वर जी भगवान के जन्मोत्सव के अवसर पर हवन यज्ञ व गुरु जम्भेश्वर जी की शिक्षाओं पर भक्ति संगीत, व्याख्यान, प्रवचन का आयोजन किया गया था।
- गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा 5जून 2024 को पर्यावरण दिवस के उपलक्ष्य में वृक्षारोपण किया गया।
- गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा इस विषय(**Essence of Indian Traditional Knowledge**) को ECE - 03 Period, ME- 03 Period, Electrical – 03 Period, Printing – 03 Period, Packing – 03 Period कक्षाओं में नियमित रूप से पढ़ाना शुरू किया गया।



Signature of the Chairperson

DEPARTMENT OF PRINTING TECHNOLOGY

(I) **NAME** : Department of Printing Technology

(II) **Year of Establishment** : 1996

(III) (a) **State the vision of the Department:** To develop Guru Jambheshwar University of Science & Technology as a center of excellence for quality teaching & consultative research to produce competent technocrats and knowledge power house capable to support the growth of economy and welfare of society.

(b) **State the mission of the Department:** To facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, Pharmacy, Environmental studies, non-conventional energy sources and Management studies and also to achieve excellence in these and connoted fields.

(c) **State the objective of the Department:** To transform this university into a globally recognized “Center of Excellence” for imparting technical education by providing:

- Experienced and qualified faculty members.
- Involving a process for admission of right potential candidates.
- “State-of-the- art” lecture hall, Laboratories, Workshops & Library.
- Personality Development through language labs.
- Ethical educations,
- Quality shorts facilities for physical development.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	----	05
P.G	20	7+7 =14
U.G	60+30	264+70 =334
Any other	----	

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications and Experiences)

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	02	00	02	
Associate Professor	04		03	
Assistant Professor	10		07	

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Dy. Suptd.	01	Nil
Technical Asstt.	01	Nil
Assistant-cum-DEO	01	01
Lab. Tech.	Nil	03
Clerk	01	01
Lab Attendant	09	05
Steno Typist	01	Nil
Peon	01	02

(VII) a) Students detail in respect of M.Sc., M.Tech., M.Pharm., Ph.Th., M.Com., MBA and MCA Programmes

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
M.Tech	20	7	6

(b) Students detail in respect of B.Tech, B.Pharm. and B.P.Th. Programmes

1st year		2nd year		3rd year	4th year
<i>Sanctioned Intake</i>	<i>Students admitted</i>	<i>Sanctioned intake through LEET</i>	<i>Students Present</i>	<i>Students Present</i>	<i>Students Present</i>
60+10(other and above)	70	60+6	65+9=74	53	67
30	13	30+3	05	19	33

(c) Detail of Foreign Students, if any, admitted in the Department: NIL

(VIII) Research Scholars: Attach a separate list (Reg. No, Name, Name of Supervisor/ Co-Supervisor)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
05	01	10	08

(IX) Sponsored Research/ Consultancy Projects:**(a.) Consultancy Projects**

Total no. of Projects (EDP)in Progress during the academic current year	Total No. of Projects(EDP) awarded during the academic current year	Total No. of Projects (EDP)Completed during the academic current year
01	01	01

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month &Year of award
EDP	Dr.A.K Baral, Dr.Bijender, Dr.Mohit	Completed	Consultancy	March 2024

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	

(XI) Faculty wise detail of publication during the academic year:**a) Books/Book Chapters/ Monograph etc. Nil**

Authors	Title	Year of publication	Type of books (Text/Reference/Report)	Publishers

b) Research Papers/ Articles in Journals 08

Sr. No	Authors	Year	Title of paper	Name of journal	Vol.& No.	Pages	SCI/ Scopus (Y/ N)	Impact Factor Thoms on Reuter
1	Dr. A.K Baral	2023	Printing Ink Density related Issues in Dry Electrophotography (DEP) Presses & Possible Solutions in Relation to the Surface Characteristics of Printing Paper for the Optimization of Solid Ink Density (SID)	European Chemical Bulletin,	12 (Special Issue-4)			
2.	Dr. A.K Baral	2023	A Survey of Printability related Issues in Dry tonner Based digital Print Engines	European Chemical Bulletin	12 (Special Issue-4)			
3	Dr. A.K Baral	2023	Factors Contributing for Optimizing Solid ink Density (SID) in Injet Presses with Relation to Strength & Surface Proprieties of Printing Paper Substrates	European Chemical Bulletin	12 (Special Issue-4)			
4	Dr. A.K Baral	2023	Comparative Analysis of Dot Gain in Continuous Injet and Drop-on-demand (Piezoelectric) Printing systems on Uncoated, Matte Coated and Gloss coated Paper Stocks	European Chemical Bulletin	12 (Special Issue-4)			

5	Dr. Bijender	2023	Printing Ink Density related Issues in Dry Electrophotographic (DEP) Presses & Possible Solutions in Relation to the Surface Characteristics of Printing Paper for the Optimization of Solid Ink Density (SID)	European Chemical Bulletin,	12 (Special Issue-4)			
6	Dr. Bijender	2023	A Survey of Printability related Issues in Dry tonner Based digital Print Engines	European Chemical Bulletin	12 (Special Issue-4)			
7	Dr. Ankit Boora	2023	Factors Contributing for Optimizing Solid ink Density (SID) in Injet Presses with Relation to Strength & Surface Proprieties of Printing Paper Substrates	European Chemical Bulletin	12 (Special Issue-4)			
8	Dr. Ankit Boora	2023	Comparative Analysis of Dot Gain in Continuous Injet and Drop-on-demand (Piezoelectric) Printing systems on Uncoated, Matte Coated and Gloss coated Paper Stocks	European Chemical Bulletin	12 (Special Issue-4)			

(XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period:

(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor,						
Associate Professor						
Assistant Professor						

(b)International Conferences/ Seminars/ Workshops: 08

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DS T CSIR/AI CTE/ Univ./etc .
Dr. Ankit Boora	Tensile Strength Analysis of 3D printed PLA, ABS and PET-G Materials used for Industrial Applications	Research and Innovation for Sustainable Development	MDU	Rohtak	May 04-05, 2024	
Dr. Ankit Boora	IZOD Impact Strength Analysis of 3D printed PLA, ABS and PET-G Materials used for Industrial Applications	Research and Innovation for Sustainable Development	MDU	Rohtak	May 04-05, 2024	

Dr. Ankit Boora	Comparative Analysis of Glass and Plastic-Based Packaging Material for Pharmaceutical Syrup Packaging Applications	Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences	Department of Pharmaceutical Sciences	GJUST, Hisar	March 21, 2024	
Dr. Ankit Boora	Comparative Evaluation of Biaxially Oriented Polypropylene Film Manufacturing Machine Downtime	Research and Innovation in Sciences, Social Sciences & Spirituality	CRII	Ayodhya	June 18-19, 2024	
Dr. Bijender	Tensile Strength Analysis of 3D printed PLA, ABS and PET-G Materials used for Industrial Applications	Research and Innovation for Sustainable Development	MDU	Rohtak	May 04-05, 2024	
Dr. Bijender	IZOD Impact Strength Analysis of 3D printed PLA, ABS and PET-G Materials used for Industrial Applications	Research and Innovation for Sustainable Development	MDU	Rohtak	May 04-05, 2024	
Dr. Bijender	Comparative Analysis of Glass and Plastic-Based Packaging Material for Pharmaceutical Syrup Packaging Applications	Emerging Goals and Challenges in Pharmaceutical Technology and Allied Sciences	Department of Pharmaceutical Sciences	GJUST, Hisar	March 21, 2024	
Dr. Bijender	Comparative Evaluation of Biaxially Oriented Polypropylene Film Manufacturing Machine Downtime	Research and Innovation in Sciences, Social Sciences & Spirituality	CRII	Ayodhya	June 18-19, 2024	

(c)National Conferences/ Seminars/ Workshops: 04

Name of Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc .
Dr. Ankit Boora	Factors Influencing in Printing time in 3D Printing on Polyactic Acid (PLA) Material	Photonics and Material science	Department of Physics	GJUST, Hisar	March 14-15, 2024	
Dr. Ankit Boora	Comparative Print-Material Characteristics Analysis of Polylactic	Photonics and Material science	Department of Physics	GJUST, Hisar	March 14-15, 2024	

	Acid (PLA), Acrylonitrile Butadiene Styrene (ABS) and Poly Ethylene Terephthalate Glycol (PET-G Material for 3d Printing))					
Dr. Bijender	Comparative Analysis of Glass and Plastic Based Packaging Materials Used for Liquid Fill Packaging Applications	PVG's COET and GKPWIM's	Department of Printing Technology	GJUST, Hisar	April 16, 2024	
Dr. Bijender	Permeability Comparison of Polyethylene Terephthalate (PET) and Polyvinyl Chloride (PVC) Material Used for Blister-Based Packaging Applications	PVG's COET and GKPWIM's	Department of Printing Technology	GJUST, Hisar	April 16, 2024	

(d)Regional/ State Level Conferences/ Seminars/ Workshops: NIL

Name of Faculty	Title of paper presented	Theme of Conference/ Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE /Univ./etc.

(e)Refresher Courses/ Orientation Courses:09

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place	Dates/ Duration
Dr.Bijender	8 days online "NEP Orientation & Sensitization Programme-III"	GJUST	MMTTC	Hisar	19.02.2024 to 28.02.2024
Dr.Bijender	Emerging Trends in Computational Intelligence"	GJUST	Department of CSE	Hisar	15.01.2024 to 20.01.2024.
Dr.Ankit	8 days online "NEP Orientation & Sensitization Programme-III"	GJUST	MMTTC	Hisar	19.02.2024 to 28.02.2024
Dr.Ankit	Emerging Trends in Computational Intelligence"	GJUST	Department of CSE	Hisar	15.01.2024 to 20.01.2024.
Dr.Pankaj	8 days online "NEP Orientation & Sensitization Programme-I"	GJUST	MMTTC	Hisar	13.12.23 to 21.12.23

Dr.Vikas	8 days online “NEP Orientation & Sensitization Programme-I”	GJUST	MMTTC	Hisar	13.12.23 to 21.12.23
Mrs.Chetna	8 days online “NEP Orientation & Sensitization Programme-I”	GJUST	MMTTC	Hisar	13.12.23 to 21.12.23
Sh.Sukhdev	8 days online “NEP Orientation & Sensitization Programme-III”	GJUST	MMTTC	Hisar	19.02.2024 to 28.02.2024

(f) National/International Webinars Attended: NIL

(g) Total number of Refresher/ Orientation Course/Webinar attended:

i)	Refresher Course	:09
ii)	Orientation Course	:00
iii)	Webinar	:00
iv.	Total	:09

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details):

- i) Membership of Professional Bodies:**
- ii) Member of Expert Committees:**
- iii) Member of Academic Bodies of other institutions:**
- iv) Any Other**

(XIV) Detail of Consultancy Project/ Work in Department: NIL

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered

(Give Faculty wise detail): NIL

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training		
Placement	76	19

- **Note: - Please attach a list of companies alongwith number of students for training and placement with dates, etc. ANNEXURE -A**

**(XVIII) Detail of Academic activities/Professional Activities/ Programmes
Organized in Department during the year: NIL**

- i Seminar/Conference/Refreshers course/Workshop/Training Programme
- ii. Extension lecture: NIL
- iii. Students tour: NIL
- iv. Industry interaction programmes: NIL

(XIX) Awards/ Honor's received by Faculty: NIL

(XX) Any other important Information/ Achievement of the Department: NIL

ANNEXURE

**DEPARTMENT OF PRINTING TECHNOLOGY
Summary of Research Publications:**

Total Books Published	Books published with International publisher	Books published with National publisher	-
Nil	Nil	Nil	-
Total Research papers published in Journals	Total Published in UGC-CARE List Group 1 (Journals found qualified through UGC-CARE protocols)	Total Published in UGC-CARE List Category 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
08	08	nil	
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
15			-
Total number of funded research projects	Completed	Ongoing	-
NIL	NIL	NIL	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
01	10	08	-

ANNEXURE -A

Total number of placement of outgoing students during the year

Year	Name of student placed	Program graduated from	Name of the employer with contact details	Pay package at appointment (in INR/annum)
2023-2024 (1June, 2023- 31 Aug, 2024)				
2024	Mohit	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Sahil Verma	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Manan Ahuja	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Atul kumar	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Aman	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Sundram	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	LOUIE FERER R	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Anjali yadav	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Lakshya Mishra	Printing Technology	Oji India Packaging Pvt. Ltd.	₹ 304,400
2024	Manish Kaushik	Printing Technology	Fujifilm India Pvt. Ltd.	₹ 800,000
2024	HARSH MUDGAL	Printing Technology	Fujifilm India Pvt. Ltd.	₹ 800,000
2024	Monu	Printing Technology	Saraswati Offset Printers Pvt. Ltd.	₹ 360,000
2024	Ankit	Printing Technology	Flipkart Pvt. Ltd.	₹ 360,000
2024	Ankur Kirori	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Gurpreet Singh	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Kunal	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Mohit	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Ravi	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Ankit Kumar	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Anvee kapoor	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Chandan	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Nidhi	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Yashi Gupta	Printing Technology	AmulFed Dairy	₹ 1,000,000
2024	Lokesh	Printing Technology	Yansefu Inks & Coating Pvt. Ltd.	₹ 240,000
2024	Shivank Tyagi	Printing Technology	Yansefu Inks & Coating Pvt. Ltd.	₹ 240,000
2024	Aman Tyagi	Printing Technology	Yansefu Inks & Coating Pvt. Ltd.	₹ 240,000
2024	Tushar kumar	Printing Technology	Yansefu Inks & Coating Pvt. Ltd.	₹ 240,000
2024	Gagan	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Himanshi	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Manish Kumar	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Nikita	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Sahil Sheoran	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Sonu	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Gourav	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Nikhil	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000

2024	Shivam Sharma	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Sumit Gupta	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Kamal deep singh	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Tushar kumar	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	AKASH SONI	Printing Technology	Kanodia Technoplast Ltd.	₹ 300,000
2024	Gourav	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Manish Kumar	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Yash Sharma	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Vinay	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Nikhil kumar	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Pankaj	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Abhi verma	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Abhinav Srivastava	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Shivank Tyagi	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Aman Tyagi	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Nikhil	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Sandeep Kumar	Printing Technology	Monotech Systems Limited	₹ 300,000
2024	Deepanshu	Printing Technology	Mimaki India Private Limited	₹ 420,000
2024	Gourav	Printing Technology	Mimaki India Private Limited	₹ 420,000
2024	Ankit	Printing Technology	Mimaki India Private Limited	₹ 420,000
2024	Surender singh	Printing Technology	Mimaki India Private Limited	₹ 420,000
2024	Akash Soni	Printing Technology	Mimaki India Private Limited	₹ 444,000
2024	Roshan lal	Printing Technology	P.R. Packagings Pvt. Ltd	₹ 240,000
2024	Lokesh chauhan	Printing Technology	P.R. Packagings Pvt. Ltd	₹ 240,000
2024	Monu Jangra	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	Navdeep	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	Nikhil kumar	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	Rohit kumar	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	M Sri lohitha	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	Pokala.Nagakrishnaveni	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	Faisal Ansari	Printing Technology	Toyo Ink India Pvt. Ltd.	₹ 400,000
2024	Abhishek Vishwakarma	Printing Technology	Fujifilm Sericol India Pvt. Ltd.	₹ 300,000
2024	Prateek Vishwakarma	Printing Technology	Fujifilm Sericol India Pvt. Ltd.	₹ 300,000
2024	Saurabh Modanwal	Printing Technology	Fujifilm Sericol India Pvt. Ltd.	₹ 300,000
2024	Lokesh Chauhan	Printing Technology	Fujifilm Sericol India Pvt. Ltd.	₹ 300,000
2024	Aryan Bamel	Printing Technology	Popli Graphics Pvt. Ltd.	₹ 300,000
2024	Manish Kumar	Printing Technology	Popli Graphics Pvt. Ltd.	₹ 300,000
2024	Sudheer Kumar	Printing Technology	Nutech Print Services	₹ 264,000
2024	Soumya Singh	Printing Technology	Nutech Print Services	₹ 264,000
2024	Roshan lal	Printing Technology	Paneliq Technologies Pvt. Ltd.	₹ 700,000
2024	Prateek Vishwakarma	Printing Technology	Paneliq Technologies Pvt. Ltd.	₹ 700,000