



ANNUAL REPORT

2022 - 2023

(JULY 2022 TO JUNE 2023)



A⁺

Grade NAAC Accredited State Govt. University

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND
TECHNOLOGY, HISAR-125001 (HARYANA)**

(Established by State Legislature Act, 17 of 1995)

www.gjust.ac.in

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‘A+’ Grade NAAC Accredited University
801-1000 Rank Band in Engineering Category in the Times Higher Education World University Rankings 2024
Rank Band 101-150 in the University Category in NIRF-2023
1001-1200 Rank Band in the Times Higher Education World University Rankings 2023
601-800 Rank Band in the ‘Physical Science’ subject category Rankings in the Times Higher Education World University Rankings 2023
Scopus h-Index: 120 (Highest in Haryana HEIs)
Average Research Paper Citation: 20.08
Ranked 49th in Pharmacy Category in NIRF-2023
Rank 100th in Management Category in NIRF-2023
Graded Autonomous of Category-II by UGC-2018

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND
TECHNOLOGY, HISAR (Haryana)**
(State Govt. University)
(Established by State Legislature Act 17 of 1995)
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CONTENTS		
Chapter	Particulars	Page(s)
	Preface, Officers of the University, Deans of Faculties, Administrative Officers	
1.	About the University	1-24
2.	Authorities of the University i) Court ii) Executive Council iii) Academic Council iv) Finance Committee	25-32
3.	Faculties, Departments and Courses of Studies	33-35
4.	Programme-Wise Number of Seats for the Academic Session 2022-23	36-38
5.	Examination Results	39-40
6.	Finances	41
7.	Construction Activities	42
8.	Schedule of Budgeted Sanctioned Non-Teaching Posts & their pay Scales & Teaching Faculty strength	43-48
9.	List of Scholars registered for Ph.D. programme	49-59
10.	Training & Placement Cell	60
11.	Directorate of Distance Education	61-63
12.	Internal Quality Assurance Cell	64
13.	List of Foreign Students	65
14.	UGC-Human Resource Development Centre	66-72
15.	National Cadet Corps (NCC)	73-74
16.	Directorate of Sports	75-77
17.	National Service Scheme (NSS)	78-81
18.	University Teaching Departments/School/ Institute: 1. Applied Psychology 2. Bio & Nano Technology 3. Chemistry 4. Civil Engineering 5. Computer Science & Engineering 6. Communication Management & Technology 7. Data Science 8. Economics 9. Electrical Engineering 10. Electronics & Communication Engineering 11. Emerging Technology 12. English & Foreign Languages 13. Environmental Science & Engineering 14. Food Technology 15. Guru Jambheshwar Ji Maharaj Institute of Religious Studies 16. Haryana School of Business 17. Hindi 18. Mathematics 19. Mechanical Engineering 20. Pharmaceutical Sciences 21. Physics 22. Physiotherapy 23. Printing Technology	82-91 92-120 121-137 138-140 141-162 163-166 167-168 169-177 178-181 182-196 197-202 203-205 206-214 215-226 227-229 230-255 256-261 262-271 272-279 280-298 299-311 312-331 332-344



Prof. Narsi Ram Bishnoi
Vice-Chancellor

PREFACE

Guru Jambheshwar University of Science & 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, 26 Teaching Departments classified under 09 Faculties which houses 72 regular programmes on the campus and 09 programmes through Distance mode, 02 online courses along with Ph.D. degree programmes in most of the departments.

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 Seminars, Workshops, Cultural programmes, etc. are organized at both national and international levels. It has a spacious Library with around 2 Lakh 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 2023. The University has secured 49th rank in Pharmacy category and 100th rank in Management category under NIRF-2023. The University has also been ranked in band 1001-1200 in the Times Higher Education World University 2023 and ranked in band 601-800 in Physical Science Category. 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 been **ranked 607th World's Most Sustainable** University in 2022 UI Green Metric World University Rankings announced by University of Indonesia, Jakarta.

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 4000 research papers have been published by the faculty in peer reviewed journals of repute which are listed in SCOPUS with >85000 citations. The h-index of the University has also gone upto 120. 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 their 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



Prof. Vinod Chhokar
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 2 Lakh 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.

Prof. Vinod Chhokar

OFFICERS OF THE UNIVERSITY

HON'BLE CHANCELLOR
Shri Bandaru Dattatreya,
Governor, Haryana

Vice-Chancellor	Prof. Narsi Ram Bishnoi	Telephones 01662-276192, 263101 Fax: 01662-276240 e-mail: vc@gjust.org
Registrar	Prof. Vinod Chhokar	01662-263104, 276025 Fax: 01662-276025 registrar@gjust.org
Dean Academic Affairs	Prof. Devinder Kumar	01662-263674 daa@gjust.org
Proctor	Prof. Vinod Chhokar	01662-263563
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. Devinder Kumar
Dean, Faculty of Physical Sciences &
Technology
01662-263120

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

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

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

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

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

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

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

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

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 & 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 7.2.1997. **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.** In addition to this, the university has been placed at the rank band 101-150 in the University Category in NIRF-2023 and ranked 49th in the 'Pharmacy' category. The university is in the rank band 1001-1200 in the Times Higher Education World University Rankings 2023.

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 nine (four boys, four girls and one working women) hostels.

Name of the Hostels:

1. Kasturba Bhawan (Girls Hostel-I)
2. Saraswati Bhawan (Girls Hostel-II)
3. Mani Karnika Bhawan (Girls Hostel – III)
4. Amrita Devi Bhawan (Girls Hostel –IV)
5. Kalpana Chawla Bhawan (Working Women Hostel)
6. J.C. Bose Sadan (Boys Hostel – I)
7. Aryabhatt Sadan (Boys Hostel – II)
8. Madan Lal Dhingra Sadan (Boys Hostel – III)
9. Vivekanand Bhawan (Boys Hostel-IV)

Nine Hostels (four for Boys, four for Girls and one for Working Women) are functional on the University Campus. All 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 for its kitchen 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 have 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, chess boards, carom boards, Chinese checkerboard, table tennis are available 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.

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 Warden and Chief Warden. 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 premises.

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

A. Post Graduate Programmes

1. M.Tech. (Computer Science & Engineering)
2. M.Tech. (Environmental Science & Engineering)
3. M.Tech. (Electronics & Communication Engineering)
4. M.Tech. (Mechanical Engineering)
5. M.Tech. (Printing Technology)
6. M.Tech. (Nano Science and Technology)
7. M.Tech. (Food Technology)
8. M.Tech. (Geo-informatics)
9. M.Pharm. (Pharmaceutical Chemistry)
10. M.Pharm. (Pharmaceutics)
11. M.Pharm. (Pharmacology)
12. M.Pharm. (Pharmacognosy)
13. Master of Physiotherapy (Orthopaedics)
14. Master of Physiotherapy (Sports)
15. Master of Physiotherapy (Neurology)
16. Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)
17. Master of Computer Applications (MCA)
18. Master of Business Administration (MBA)
19. MBA-Finance
20. MBA-Marketing
21. MBA-International Business
22. MBA-Business Analytics
23. M. Com.
24. M.Sc. (Biotechnology)
25. M.Sc. (Chemistry)
26. M.Sc. (Economics)
27. M.Sc. (Environmental Sciences)
28. M.Sc. (Food Technology)

29. M.Sc. (Mathematics)
30. M.Sc. (Microbiology)
31. M.Sc. (Physics)
32. M.Sc. (Psychology)
33. M.Sc. (Yoga Science and Therapy)
34. M.A. (English)
35. M.A. (Hindi)
36. M.A. (Mass Communication)

B. Dual Degree B.Sc. (Hons.)-M.Sc. Programmes (3+2=5 Years)

37. Dual Degree B.Sc. (Hons.) Physics-M.Sc. (Physics)
38. Dual Degree B.Sc. (Hons.) Chemistry- M.Sc. (Chemistry)
39. Dual Degree B.Sc. (Hons.) Mathematics- M.Sc. (Mathematics)
40. Dual Degree B.Sc. (Hons.) Biotechnology- M.Sc. (Biotechnology)

C. Under Graduate Programmes

41. B.Tech. (Computer Science & Engineering)
42. B.Tech. (Information Technology)
43. B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)
44. B.Tech. (Electronics & Communication Engineering)
45. B.Tech. (Mechanical Engineering)
46. B.Tech. (Printing Technology)
47. B.Tech. (Packaging Technology)
48. B.Tech. (Food Technology)
49. B.Tech. (Civil Engineering)
50. B.Tech. (Electrical Engineering)
51. B.Tech. (Electronics and Biomedical Engineering)
52. Bachelor of Pharmacy
53. Bachelor of Physiotherapy
54. B.Sc. (Hons.)-Economics
55. B.Sc. (Hons.)-Psychology
56. B.Sc. (Hons.)-Computer (Data Science)
57. B.A. (Mass Communication)
58. B.Voc. (Food Processing & Engineering)

D. Post-Graduate Diploma Level

59. P.G. Diploma in Guidance & Counseling
60. P.G. Diploma in Yoga Science & Therapy

1.6.2 DIRECTORATE OF DISTANCE EDUCATION PROGRAMME

Directorate of Distance 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)

Undergraduate 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 Resources, Marketing (MBA)

1.7 DR. BHIM RAO AMBEDKAR LIBRARY

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 2023, the Library has a collection of 126103 books and 6645 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 subscribed 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 8000 e-journals and 5 Databases. The library has purchased/subscribed 262203 e-books from EBSCO (Academic E-Books Collection), JSTOR, Emerald, Institute of Physics, MIT Press and Wiley-IEEE Press and Cambridge University Press. 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, 528 theses have been uploaded. The library recorded 146583 visitors during the period July 2022 to June 2023. During this period, the total issue for home lending were 27044 books and total 74612 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 DIRECTORATE OF YOUTH WELFARE

Hariyali Teej Festival: Directorate of Youth Welfare and Haryana Kala Parishad artist Subhash nagara & team intends organised Hariyali Teej Utsav 2022 in the campus on 29.07.2022

Independence Day: Cultural Activities, National Anthem and Vande Matram etc. were organized on the occasion of Independence Day celebration on 15th August, 2022. In this celebration students of our University participated in several events with the common theme of patriotism.

Poetry Competition: The Poetry Competition for UTD students was organised on 8.9.2022 in association with UDAAN a student cultural group.

NAAC peer team: NAAC peer team is proposed from 10.10.2022 to 12.10.2022 in the University. The Directorate of Youth Welfare organised a Cultural Evening as directed by

IQAC office during the visit of the above said team. The detailed but tentative budget requirements for the Cultural Evening.

Talent Search: Talent Search Competition 2022-23 for all the UTD students was held on 02.11.2022 to 03.11.2022.

Diwali Mela: Diwali Mela is organised on 21.10.2022 in front of PDUCIC Ground.

University Youth Festival: 10th University Youth Festival-2022 was organized from November 29th to December 02, 2022

North Zone Inter University Youth Festival: 36th North West Inter University Zonal Youth Festival 2022-23 was organized by the Maharishi Markandeshwar University Mullana-Ambala from 24-28 January, 2023 where the University participated in the above said programme.

National Youth Festival: National Youth Festival 2022-23 was organized by Association of Indian Universities (AIU) held at Jain University, Bangalore from 24-28 February, 2023 where the University participated in one event i.e. On Spot Photography. The Participant Ms. Nimisha Suryavanshi received 2nd position in 36th North West Inter University Zonal Youth Festival 2022-23.

Celebration of Republic Day: Cultural Activities, National Anthem and Vande Matram etc. were organized on the occasion of Republic Day celebrated on 26th January, 2023.

International Youth Festival : 2nd AIU's International Youth Festival was organized by Lovely Professional University, Jalandhar from 06th-08th April 2023 where the University participated in the International Youth Festival.

1.9 OFFICE OF THE DEAN STUDENT'S WELFARE

1. 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 some needy students for departments/office related work for some fixed hours in a week with remuneration @ 80/- per 60 minutes of duration subject to maximum of Rs. 2400/- per month. During 01.07.22 to 30.06.23, 15 (Fifteen) student were selected in this scheme as under:-

Sr. No.	Roll No.	Name of Candidate	Department	Engaged in Deptts./Offices
1.	220202010054	Sagar	B.Tech, 1st year Electrical Engg.	Hindi
2.	220202010058	Karamvir	B.Tech, 1st year Electrical Engg.	SC/ST/Cell
3.	200090940044	Jyoti	B.Sc Hons 5 th Sem Bio-Nano & Tech	Director of Sports
4.	220101010002	Harkesh	MBA Gen 1 st Year HSB	Director of Sports
5.	200030320055	Sundram	B.Tech, Printing Tech.	Executive Engg. (Maintenance office)
6.	190090940031	Venus Panchal	B.Sc Hons 7 th Sem Bio-Nano & Tech	Executive Engg. (Maintenance office)
7.	20030320048	Nikhil	B.Tech, Printing Tech.	Executive Engg. (Maintenance office)
8.	220101080010	Satish	MBA (B) 1 st Year HSB	Training Placement Cell
9.	200151529003	Sania Vaid	B.Tech (ECE)	IQAC
10.	220181070048	Shalu	M.Sc Economics	Economics
11.	220090930017	Kirti	M.Sc 1 th Sem Bio-Nano & Tech.	Accounts Branch Fee Section

12.	210050520026	Nisha	B.Sc (Chemistry)	Chemistry
13.	200030320042	Gourav	B.Tech, Printing Tech.	DYW
14.	190090940032	Garima	B.Sc Hons 7 th Sem Bio-Nano & Tech	Girls Hostal-04
15.	220101040013	Pooja	M.Com 1 st Year HSB	Girls Hostal-02

2. Financial Assistance to the Needy Students.

Dean Students Welfare office arranged financial assistance to the needy students of various departments. The selection of 40 students was made based on the criteria eg father/family income of less than Rs. 170000/-, parent/fatherless children etc. for the duration 01.07.22 to 30.06.23 Financial Assistance Scheme. The students details are given below:-

Sr. No	Roll No.	Name of Candidate	Department	Class/ Sem	Amount in Rs.
1	200070720028	Pratibha	Physics	M.Sc	8000/-
2	210151520023	Amit Kumar	ECE	B.Tech	8000/-
3	210171780018	Vickey Sharma	Yoga Science	M.Sc	8000/-
4	200080820008	Deepika	Food-Tech	M.Sc	8000/-
5	190230449010	Surender	Civil Engg.	B.Tech	8000/-
6	200040410014	Sandeep	Env. Sc, & Engg	M.Tech	8000/-
7	200101030061	Ritu	HSB	M.Com	8000/-
8	170090940030	Parth Saini	Bio-Nano & Tech.	B.Sc.	8000/-
9	2100101010030	Priyanka	HSB	MBA	8000/-
10	190161620011	Deepak Patel	Mechanical Engg.	B.Tech	6000/-
11	190161620029	Pankaj Yadav	Mechanical Engg.	B.Tech	6000/-
12	190202019006	Anuj Kumar	Electrical Engg	B.Tech	6000/-
13	190030320055	Virendra Patel	Printing & Packaging Tech.	B.Tech	6000/-
14	210151520032	Suraj Singh	ECE	B.Tech	6000/-
15	200202019004	Teerath Raj Singh	Electrical Engg	B.Tech	6000/-
16	190161620002	Akshay Kumar	Mechanical Engg.	B.Tech	6000/-
17	180040449007	Juber	Civil Engg.	B.Tech	6000/-
18	200010120023	Kusum	CSE	MCA	6000/-
19	210101010011	Deepanshu	HSB	MBA (G)	6000/-
20	200161629019	Suraj	Mechanical Engg.	B.Tech	6000/-
21	210151520057	Shudhanshu Shekar	ECE	B.Tech	6000/-
22	190161629006	Kaushal Vashishtha	Mechanical Engg.	B.Tech	6000/-
23	210010140007	Rakesh Jha	CSE	B.Tech	6000/-
24	210101010027	Barkha	HSB	MBA (G)	6000/-
25	210161620040	Ganisht Rohilla	Mechanical Engg.	B.Tech	6000/-
26	200161620005	Ankit Saini	Mechanical Engg.	B.Tech	6000/-
27	200161629002	Kushwant Singh	Mechanical Engg.	B.Tech	6000/-
28	190070730041	Sudeep Kumari	Physics	B.Sc	6000/-
29	210010140004	Aakash Tiwari	CSE	B.Tech	6000/-
30	210202010006	Shubham	Electrical Engg	B.Tech	6000/-
31	210080820022	Piyush	Food-Tech	M.Sc	6000/-
32	210101010003	Akanksha	HSB	MBA (G)	6000/-
33	210101010025	Vidhi	HSB	MBA (G)	6000/-

34	210151520067	Neeraj	ECE	B.Tech	6000/-
35	210161620043	Naman	Mechanical Engg.	B.Tech	8000/-
36	200171780010	Deepak	Yoga Science	M.sc	8000/-
37	200070730006	Deepak Sharma	Physics	B.Sc	6000/-
38	21016160002	Puneet Agarwal	Mechanical Engg.	M.Tech	6000/-
39	190010140047	Rajiv Nehra	CSE	B.Tech	6000/-
40	180161620017	Chirag Gupta	Mechanical Engg.	B.Tech	6000/-

3. Funding of Educational & Industrial Tours

Office of Dean Students Welfare bears 50% of expenditure incurred on Educational & Industrial tours for the regular students of the University. The University also provides free of cost bus facility to the students for participation in various sports tournaments, inter-university youth festival and industrial visits, if they are part of course curriculum etc. Bus services are also provided in the campus for commuting from Bus Stand, Hisar to TB-VII during morning and evening hours. During 2022-2023, twenty four (24) Educational/Industrials/Cultural/Sports tours were arranged for the students of different departments of the university. The list of the tours is as under:-

Sr. No.	Departments	Date	Tour	Number of Students
1.	NSS	20.07.2022	CCS HAU, Hisar	100
2.	Electrical Engineering	20.07.2022	Jhajjar	45
3.	HRDC	23.08.2022	Agroha & Kajla Dham, Hisar	45
4.	Physiotherapy	01.09.2022	GJU to All Hospitals of Hisar	-
5.	SBSB	22.09.2022	Welfare Centre for person with speech & Hearing impairment, Hisar	-
6	DYW	06.10.2022 to 10.10.2022	Maharani Luxmi Bai College	-
7	Physics	14.10.2022	IUAC, Delhi	25
8	Food Tech.	26.11.2022	Trade fair, Delhi	-
9	Electrical Engineering	16.11.2022 to 17.11.2022	Thermal Power Plant, Khedar (Barwala)	30
10	NCC	14.11.2022	Siwani	12
11	Bio-Nano & Tech.	21.11.2022	CCS HAU, Hisar	21
12	Department of Environmental Science & Engg	09.12.2022	Gaushala, Ladwa, Hisar	45
13	T & P Cell	08.12.2022	Jindal Stainless Still, Hisar	60
14	Department of Bio & Nano Technology	13.12.2022 to 14.12.2022	Indovax Pvt. Ltd, Hisar	37
15	Physics	26.12.2022	Panorma Science Centre, Kurukshetra	40
16	NCC	02.02.2022 to 09.02.2022	Hindu Public School, Chaudhriwas, Hisar	25
17	Physiotherapy	10.02.2022	Robotics Neuro Rehabilitation Centre, Faridabad	29
18	T&P Cell	30.04.2023	Cabinet Secretariat, New Delhi	49
19	T&P Cell	11.05.2023	M/s Bush Vacuum India Pvt Ltd. Manesar, Gurugram	35

4. Students Insurance Safety Policy

The Regular students of the University Teaching Departments are insured for Rs. One Lac. It also covers Medical Expenses under accidental cases upto Rs.25000/-. During the year 2022-2023, 4000 students were insured under “Students Insurance Safety Policy” with The Oriental Insurance Co. Ltd. Hisar.

5. 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. A large number of students were provided this facility.

6. Financial help for various functions

The office extends financial help for organization of students functions/ seminars/ workshops by various University Teaching Departments. The list is as under:-

Sr. No.	Departments/Offices	Date	Programme	Amount
1.	Director of Sports	28.10.2022	Cash awards 2019-20	34000-00

1.10 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 and 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, are 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 Coordinators, 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 a "**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.

1.11 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 the leading newspapers like The Times of India, Hindustan Times, The Statesmen, 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, Samast Haryana, 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 facilitate them. This office also completes the assignments of cultural and other activities as and when given by the Higher authorities.

1.12 UNIVERSITY HEALTH CENTRE

About Health Centre:

- UHC is a primary health center established in 1997 for medical needs of students, staff and their family members.
- It is spacious enough with doctor's cabins for OPD, Dental clinic, an observation room with three beds facility, minor O.T, dispensing room, Laboratory and Medicine store.
- It is well equipped with equipments like ECG machine, nebulizer, autoclave, foetal monitor, autoanalyser, hematology analyser etc. Dental clinic is also very well equipped with modern equipments like RVG, Apex locator, scaler etc.

Health Centre Staff :

Staff of Health Centre includes one Senior Medical Officer, four Medical Officers, one Homoeopathic doctor, one Dental Surgeon, Three Nurses, Two Pharmacists, Three L.A., one ECG Technician and one Dental Assistant.

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. Free medicines with budget of Rs.16 lacs per year are provided to students and staff.
- Health Centre provides medical care during the cultural and sports events at the event site.
- Health Centre runs the Medical Reimbursement cell which deals with medical reimbursement cases as per Haryana re-imbursement policy.
- Health Centre fully participates in Children vaccination programs in collaboration with the Civil hospital, Hisar. It has also been part of national pulse polio campaign from time to time.
- Covid vaccination camps are also organized at UHC from time to time.
- Health camps and talks are 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 take the patients to the approved hospitals for further management.
- Health Centre is a day care Centre. For indoor services, all the hospitals empaneled with Govt. of Haryana are on our panel.

1.13 UNIVERSITY STATISTICAL CELL

Sr. No.	Department/Office	Subject/Topic
1.	District Statistical Officer, Hisar	Statistical Book for the year 2021-22 Total Student strength including SC Category Students (2021-22) <ul style="list-style-type: none"> • Total Teaching & Non-teaching Staff with Salary
2.	Director General Higher Education Haryana, Panchkula (AISHE)	University Data for All India Survey of Higher Education for the year 2021-22. University basic information <ul style="list-style-type: none"> • Details of faculty/department wise courses offered by the University. • Details of Numbers Computers and Laptops • Staff information teaching & non-teaching staff • Number of students enrolled in the University • Foreign Students • Examination Results
3.	University Grants Commission, New Delhi	Strict Observation of reservation policy of the University during the year 2021-22. <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 • Details of Backlog Post (in all Category) • Percentage of Reservation in SC, ST, OBC and EWS • Category-wise position of vacant post Teaching & Non-teaching Staff • Students Admission • Number of Students Residing in Hostels • Details of SC, ST, OBC, EWS, PWD, Muslim and Other minor community in Hostels (Girls & Boys)
4.	Research Office Director, Higher Education Haryana, Panchkula	ROD-Higher Education Haryana, Panchkula <ul style="list-style-type: none"> • Students & Teacher Strength in the Educational Institutes in Haryana as on 31.12.2021 for the year 2021-22
5.	Collected University ICT Data for NAAC Peer Team	Data of Computational for NAAC Peer Team <ul style="list-style-type: none"> • Computer, Laptop and Printer etc.
6.	Education India – MHRD Web portal	EI-MHRD Web Portal <ul style="list-style-type: none"> • Uploaded details of University Programmer Details • International Students Details Placement Record.
7.	Time Table (Computer Lab)	<ul style="list-style-type: none"> • Maintain session wise time table computer practical classes of all departments.

1.14 ALUMNI RELATIONS

- Establish a link with the GJUS&T alumni and enroll 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:

1. Ms. Sumedha Kataria, IAS (Retd.), (Vice-President)
2. Dr. Vijender Pal Saini, (Joint Secretary-cum-Treasurer).
3. EC members:
 - i. Mr. Aditya Ranoliya, CEO, Ad Make, Goregaon, Film City, Mumbai.
 - ii. Er. Vijay Singh, Sr. Manager (Environment Health and Safety), Jindal Stainless, Hisar.
 - iii. Dr. S.D. Attri, Additional Director General, IMD, New Delhi.
 - iv. Mr. Anand Kumar, Director, AICTE, New Delhi.
 - v. Mr. Anand Gupta, M. D. Gupta Oxygen, Pvt. Ltd. 152, Sector 27-28, Hisar.
 - vi. Dr. Pawan Kachoria, Clinical Psychologist, Brain and Body Analysis Centre. 29, Inderprasth Colony, Opp. Cloth Market, Hisar.
 - vii. Mr. Mukesh Kumar, Director (PDUCIC), GJUS&T, Hisar
 - viii. Prof. Neeraj Dilbaghi, Dept. of Bio & Nano Technology, GJUS&T, Hisar
 - ix. Prof. Sandeep Rana, Dept. of Psychology, GJUS&T, Hisar
 - x. Mr. Partap Malik, Director Training & Placement Cell, GJUS&T, Hisar
 - xi. Dr. Mohit, Dept. of Printing Technology, GJUS&T, Hisar

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

1. 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.
2. The registered alumni are being issued Privilege Card which can be used by them for availing certain specified University facilities.
3. 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 as 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 2400 nodes and 220 Wi-Fi Access Points (Approx.) The internet connectivity has been provided through 1 Gbps (Through NKN link) leased line free of cost to Faculty, Staff and Students of the University. A redundant link of 100 Mbps has also been setup to provide 24x7 internet facilities to the University. The network security has been provided through high secured firewall. This cell ensures that proper network security rules are adhered to. During Calendar year 2022-23 this office has undertaken following projects:

Sr. No.	Name of the Project	Scope	Status
1.	Networking of Teaching Block-8	To provide the network facility.	Completed
2.	CCTV at UWD Store	For Surveillance of Store.	Completed
3.	UTM upgradation	For Cyber Security of Network	Completed

1.17 Centre for Industry-Institute Partnership (CIIP)

- (1) CIIP office has filed following 02 Patents:
 - (i) Prof. Neeraj Dilbagi & his scholar, Department of Bio & Nano Technology, GJUS&T, Hisar.
 - (ii) Prof. Vinod Chhokar & his scholar, Department of Bio & Nano Technology, GJUS&T, Hisar
- (2) Advisory Committee constituted to plan the annual calendar of activities related to CIIP office for the year 2023-24.
- (3) All Dean/Directors/Chairpersons of the Departments have been requested to supply the specific information regarding areas of Interest in Academic/Administrative Expertise: for suitable consulting assignments and joint collaboration with Industries and Government Departments.

1.18 PANDIT DEENDAYAL UPADHYAYA COMPUTER & INFORMATICS CENTRE

The summary of activities is as follows –

- ✓ **Software development & Enhancement for admission in UG/PG/Ph.D. programme of UTD and Education/P.G. Programme of Affiliated Colleges for CDLU Sirsa under MoU**
 - Application form as per prospectus guidelines with integration of PPP ID has been developed.
 - 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 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. 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.
 - 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 software regarding Online submission of Application form for admissions in Ph.D. programme under AICTE Doctoral Fellowship Programme.**
- ✓ **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**
 - Independent admin panel maintained for updating college details, opening and closing dates, student application form details, fees status, documents etc.
 - Independent panel has been provided to B.Ed. admission coordinator to verify the online application forms.
 - Automatic generation of the merit list and admit students in different colleges as per their preference and merit.
 - Reporting panel has been provided to affiliated colleges to update the status of allotted students (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.
- ✓ **Development of software regarding Online submission of Application form with integration of PPP ID for admissions in PG programme of affiliated colleges of University**
 - New application form as per prospectus guidelines with integration of PPP ID has been developed.
 - Independent admin panel developed to maintain the complete software for updating college details, opening and closing dates, student application form details, fees status, documents etc.
 - Attendance Chart for the entrance examination has been developed and provided on dashboard.

- Automatic generation of the merit list and admit students in different colleges as per their preference and merit of entrance.
 - Reporting panel has been developed for affiliated colleges to update the status of allotted students (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.
- ✓ **Enhancement and Maintenance of Online Application form for engagement of Assistant Professor on regular basis**
 - Independent admin panel developed and provided to Faculty branch to download application form.
- ✓ **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.
- ✓ **Developed and Maintain University all expenses and their cashbook of Plan, Self, Distance, IGC Projects, Hostel budgets and other funding agencies. Maintaining and developing Audit reports for all above budgets.**
- ✓ **Software of pay of all Regular Employees, their taxes (Form-16), loans and payroll software (Audit Reports).**
- ✓ **Software for individual Employee PF ledger has been developed and running online.**
- ✓ **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 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.
- ✓ **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 of Distance Education.**

- ✓ 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**.
- ✓ 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.
- ✓ PDUCIC provides exclusive lab facility with internet facility to teachers, research scholars and students from 09:00 am to 07:00 pm.
- ✓ PDUCIC hardware cell provides **maintenance & repair of Computers, Printers and other IT related items** to the other departments/branches of the University.
- ✓ Maintenance & message display on the **Digital floating Message Board** on the University City Gate.
- ✓ Propagating messages among students and staff on need basis through **SMS gateway**.
- ✓ PDUCIC provides technical assistance in VC Committee Room at the time of various meetings like Executive Council Meeting, Academic Council Meeting, University Court Meeting and other meetings of various departments of the various Departments of University through blended mode.
- ✓ Live webcast of various programs on University's official YouTube & Facebook channels.
- ✓ PDUCIC provides technical assistance at the time of various team like NAAC & NBA visits in the University through blended mode.

SERVICES & INFRASTRUCTURE FACILITIES PROVIDED and REVENUE GENERATION

Sr. No.	Test conducted by PDUCIC	Duration	Conducted by	Revenue Generation (Rs.)
1.	Provided services and infrastructure facility to Haryana Police to conduct online Lower School Entrance examination (B-I Test).	25-06-2022 to 15-07-2022	SP Office, Hisar	
2.	Provided services and Infrastructure facility to conduct practical exams to B.Sc.(Hons.) Computer Data Science 2 nd , 4 th & 6 th Sem, B.Sc. Dual Degree (Hons.) Mathematics 6 th , 8 th & 10 th Sem, M.Sc.(Mathematics)-2 ⁿ & 4 th Sem(Main/Re-appear) and Special Mercy Chance	04-07-2022 to 08-07-2022	Mathematics Department	
3.	Provided services and infrastructure facility to Haryana Police to conduct online Lower School Entrance (B-I Mock Test & Final Test).	09,10.07.2022 and 16,17.07.2022	SP Office, Hisar	
4.	Provided services to display "Tiranga Yatra" message on Display Board of University City Gate	12-08-2022	Sports office	
5.	Provided service and infrastructure facility to conduct Computer typing Test of Steno-typist	17-08-2022	Establishment Branch	
6.	Provided Live webcast of Hawan on YouTube.	19-08-2022	Deptt. of Religious Study	

7.	Provided services and Infrastructure facility to conduct practical exams of M.Sc.(Mathenatics- 2 nd & 4 th Semester of Distance	13-09-2022 to 14-09-2022 & 20-09-2022, 21-09-2022	Conduct Branch	
8.	Provided services and Infrastructure facility to conduct on campus placement drive.	10.11.2022	Training & Placement Cell	
9.	Provided services and Infrastructure facility to conduct on campus placement drive.	30.11.2022	Training & Placement Cell	
10.	Provided services and Infrastructure facility to conduct on campus placement drive of RADTech	05-12-2022	Training & Placement Cell	
11.	Provided services and infrastructure facility to conduct Computer Test for the recruitment of Contractual staff.	31-12-2022	Civil Surgeon, Hisar	11,400/-
12.	Provided services to display 23 rd Annual Athletic Meet(M&W) in Mahrana Pratap Stadium, GJUS&T, Hisar on Display Board of University City Gate and also live webcast the same	06-12-2022 And 07-12-2022	Sports Office	
13.	Provided services and Infrastructure facility to conduct practical exams to Dual Degree B.Sc.(Hons), M.Sc. Mathematics 5 th Sem and B.Sc(Hons.)-Computer Data Science 1 st , 3 rd and 5 th Sem.	23.01.2023 to 30.01.2023	Mathematics Department	
14.	Provided services and Infrastructure facility to conduct on campus placement drive.	25.01.2023	Training & Placement Cell	
15.	Provided services and infrastructure facility to Haryana Police to conduct Clerical Exam	03-03-2023	SP Office, Hisar	
16.	Provided services and arrangement of laptop and other communicating devices for power point presentation of online/offline 34 th meeting of the University Court in the VC Committee Room	25-04-2023	Academic Branch	
17.	Provided service and arrangement of laptop and other communicating devices for power point presentation for online/offline 95 th meeting of the Executive Council in the VC Committee Room	27-04-2023	Academic Branch	
18.	Provided service and arrangement of laptop and other communicating devices for power point presentation for online/offline Interface Expert Committee of meeting in the Committee Room	31-05-2023	Directorate of Distance Education	
19.	Provided services and infrastructure facility to conduct University Admissions/ counseling and B.Tech Admission/ Counseling	2023-24 Session	Chief Admission Coordinator	
20.	Provided service and arrangement of laptop and other communicating devices for power point presentation for online/offline emergent meeting of the Executive Council in the VC Committee Room	07-06-2023 At 10:30 AM	Academic Branch	
21.	Provided service and arrangement of laptop and other communicating devices for power point presentation for online/offline emergent meeting of the Academic Council in the VC Committee Room	07-06-2023 At 12.15 PM	Academic Branch	

PURCHASE OF NEW COMPUTERS and ALLIED PERIPHERALS/Software

Hardware	Qty.
Server	01
UPS 5.5 KVA	01
CCTV Cameras with NVR	26

UNIVERSITY WEBSITE

The website of the University has been indigenously designed and is being maintained by the PDUCIC. The site 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 is **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 & 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. Devinder Kumar
Dean, Faculty of Physical Sciences & Technology
 - 2. Prof. Sandeep Kumar Arya
Dean, Faculty of Engg. & Technology
 - 3. Prof. Sumitra Singh
Dean, Faculty of Medical Sciences
 - 4. Prof. Karam Pal Narwal,
Dean, Faculty/School of Haryana School of Business
 - 5. Prof. Manoj Dayal
Dean, Faculty of Humanities and Social Sciences
 - 6. Prof. V. K. Bishnoi
Dean, Faculty of Religious Studies
 - 7. Prof. Asha Gupta,
Dean, Faculty of Environmental and
Bio Sciences & Technology
 - 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. Yogesh Chaba
Department of Computer Science & Engineering
 2. Prof. Sandeep Kumar Arya
Department of Electronics & Communication Engineering
 3. Prof. Hem Chander Garg
Department of Mechanical
 4. Prof. Sunita Rani,
Department of Mathematics
 5. Prof. Pardeep Gupta
Haryana School of Business
- (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. Vandana
Associate Professor
Department of Printing Technology
 2. Dr. Manoj Malik
Assistant Professor
Department of Physiotherapy
 3. Dr. (Ms.) Kalindi
Assistant Professor
Department of Physiotherapy
- (iii) Principals/ Directors of Colleges**
- (i) Dr. Vikramjit Singh, Principal
Dayanand College, Hisar
 - (ii) Dr. Deep Mala, Principal
Govt. College, Hisar
 - (iii) Dr. Saroj Bishnoi, Principal
Govt. College, Mangali
 - (iv) Dr. Pavitar Mohan, Principal
Govt. College, Hansi
- (iv) Five eminent academicians and representatives from industry, commerce, engineering etc. to be nominated by the Chancellor on the recommendation of the Vice-Chancellor:**

UPDATED LIST OF MEMBERS OF THE EXECUTIVE COUNCIL OF THE GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & 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. Devinder Kumar, Dean
Faculty of Physical Sciences & Technology
2. Prof. Karam Pal Narwal, Dean,
Faculty/School of Haryana School of Business
3. Prof. Sumitra Singh, Dean,
Faculty of Medical Sciences

(b) Two Principals of colleges/institutions

1. Dr. Vikramjit Singh, Principal
Dayanand College, Hisar
2. Dr. Deep Mala, Principal
Govt. College, Hisar

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

1. Prof. Parveen Kumar, Deptt. of Environmental Sciences
Guru Jambheshwar University of Science and Technology, Hisar
2. Prof. Pardeep Kumar, Deptt. of Computer Science & Engineering,
Guru Jambheshwar University of Science and Technology, 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
GJUS&T, Hisar.
2. Sh.Som Dutt, Assistant Librarian,
Dr. Bhim Rao Ambedkar University Library, GJUS&T, Hisar.

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

1. Prof. Jagbir Singh,
State Information Commissioner
SCO 114-115, Sector-8C,
Chandigarh
2. Prof. B. B. Goel,
Public Administration (Retd.),
Punjab University, Chandigarh,
337, Sector-16, Panchkula
3. Prof. Atul Dhingra,
Department of Business Management,
CCS Haryana Agricultural University, Hisar
4. Prof. Amit Ludri, Dean,
Faculty of Law & Chairperson,
Department of Law,
Kurukshetra University, Kurukshetra
5. Prof. Som Nath
Vice-Chancellor,
Kurukshetra University, Kurukshetra
6. Prof. Sandeep Singh
Department of Applied Psychology
Guru Jambheshwar University of Science & Technology, Hisar

III. Ex-officio Secretary

Prof. Vinod Chhokar
Registrar

Secretary

**UPDATED LIST OF MEMBERS OF THE ACADEMIC COUNCIL OF THE GURU
JAMBHESHWAR UNIVERSITY OF SCIENCE & 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. Devinder Kumar
Dean, Faculty of Physical Sciences & Technology
 - 2. Prof. Sandeep Kumar Arya
Dean, Faculty of Engg. & Technology
 - 3. Prof. Sumitra Singh
Dean, Faculty of Medical Sciences
 - 4. Prof. Karam Pal Narwal,
Dean, Faculty/School of Haryana School of Business
 - 5. Prof. Manoj Dayal
Dean, Faculty of Humanities and Social Sciences
 - 6. Prof. Vinod Kumar
Dean, Faculty of Religious Studies
 - 7. Prof. Asha Gupta,
Dean, Faculty of Environmental and
Bio Sciences & Technology
 - 8. Prof. Vandana Punia,
Dean, Faculty of Education
 - 9. Prof. Rajeev Kumar
Dean, Faculty of Law

Ex-Officio Members

- (v- a) Dean Academic Affairs, GJUS&T, Hisar
- b) Dean of Colleges, GJUS&T, Hisar
- (vi) **Three Principals by rotation on the basis of their seniority**
 - (i) Dr. Vikramjit Singh, Principal
Dayanand College, Hisar

- (ii) Dr. Saroj Bishnoi, Principal
Govt. College, Mangali (Hisar)
- (iii) Dr. Pavitar Mohan Sharma, Principal
Govt. College, Hansi (Hisar)

(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. Dr. (Mrs.) Sunita Rani,
Faculty of Physical Sciences & Tech
- 3. Prof. Aradhita Barmanray,
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. Jyotsana Kamboj Shah,
Faculty of Humanities and Social Sciences

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

- 1. Dr. Mani Shreshtha
Haryana School of Business
- 2. Dr. M. R. Patra
Faculty of Media Studies
- 3. Sh. Pankaj Kumar
Faculty of Engg. & Technology
- 4. Dr. Rajesh Thakur
Faculty of Env. and Bio Sciences & Technology

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

- 1. Sh. Abhishek Saini
Faculty of Engg. & Technology
- 2. Dr. Santosh Bhukal
Faculty of Environmental and Bio Sciences & Technology
- 3. Dr. (Mrs.) Kalindi Dev
Faculty of Medical Sciences
- 4. Dr. Hardev Singh
Faculty of Physical Sciences & Tech.

5. Dr. (Mrs.) Vanita
Haryana School of Business

6. Dr. Taruna
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,
Kurukshetra University, Kurukshetra
2. Prof. Dharendra Singhal, Chairperson,
Department of Civil Engineering,
Deenbandhu Chhotu Ram University of Science & Technology,
Murthal (Sonapat)
3. Prof. Adya Prasad Pandey,
Former Vice-Chancellor,
Manipur Central University,
Residence G-20, Arvindo Colony,
BHU, Varanasi-221005
4. Prof. Sandeep Singh
Deptt. of Applied Psychology, GJUS&T, Hisar

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 & 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. CA Parv Gupta
Chartered Accountant,
H.No. 660/2, Jawahar Nagar, Behind PLA-3, No. Hisar
 - 2. Sh. O.P.Gupta,
Chartered Accountant
SCF-130, Green Square Market, Hisar – 125001.
(Mobile No.9812267555, email ID: opghsr@rediffmail.com)
- (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. Devinder Kumar, Dean,
Faculty of Physical Sciences and Technology

(2) Ex-officio

Prof. Vinod Chhokar Member-Secretary
Registrar

CHAPTER-3

FACULTIES, DEPARTMENTS AND COURSES OF STUDIES

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) B.Tech. (Computer Science & Engineering) |
| | iv) B.Tech. (Information Technology) |
| | v) B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning) |
| C. Electronics & Communication Engineering | i) M.Tech. (Electronics & Communication Engineering) |
| | ii) B.Tech. (Electronics & Communication Engineering) |
| D. Electrical Engineering | i) B.Tech. (Electrical Engineering) |
| E. Civil Engineering | i) B.Tech. (Civil Engineering) |
| F. Mechanical Engineering | i) M.Tech. (Mechanical Engineering) |
| | ii) B.Tech. (Mechanical Engineering) |
| G. Emerging Technology | i) B.Tech. (Electronics and Biomedical Engineering) |

2. FACULTY OF MEDIA STUDIES

Department

- | | |
|---|---|
| Communication Management and Technology | i) M.A. Mass Communication |
| | ii) B.A. Mass Communication (4 Years Programme) |

3. 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. Bio & Nano Technology | i) M.Tech. (Nano Science & Technology) |
| | ii) M.Sc. (Biotechnology) |
| | iii) M.Sc. (Microbiology) |
| | iv) Dual Degree B.Sc. (Hons.) Biotechnology-M.Sc. (Biotechnology) |
| C. Food Technology | i) M.Tech. (Food Technology) |
| | ii) M.Sc. (Food Technology) |
| | iii) B.Tech. (Food Technology) |
| | iv) B.Voc. (Food Processing & Engineering) |

4. FACULTY OF PHYSICAL SCIENCES & TECHNOLOGY

Departments

- | | |
|----------------|---|
| A. Chemistry | i) M.Sc. (Chemistry) |
| | ii) Dual Degree B.Sc. (Hons.) Chemistry-M.Sc. (Chemistry) |
| B. Mathematics | i) M.Sc. (Mathematics) |
| | ii) Dual Degree B.Sc. (Hons.) Mathematics-M.Sc. (Mathematics) |
| | iii) B.Sc. (Hons.)-Computer (Data Science) offered by Department of Mathematics being Mentor Department |
| C. Physics | i) M.Sc. (Physics) |
| | ii) Dual Degree B.Sc. (Hons.) Physics-M.Sc. (Physics) |

5. HARYANA SCHOOL OF BUSINESS

- | | |
|----------------------------|--|
| 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) M.Com. |

6. FACULTY OF MEDICAL SCIENCES

Departments

- | | |
|----------------------------|--|
| A. Physiotherapy | i) Master of Physiotherapy (Orthopaedics) |
| | ii) Master of Physiotherapy (Sports) |
| | iii) Master of Physiotherapy (Neurological) |
| | iv) Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders) |
| | v) Bachelor of Physiotherapy |
| | vi) M.Sc. (Yoga Science & Therapy) |
| | vii) Post Graduate Diploma in Yoga Science & Therapy (PGDYST) |
| B. Pharmaceutical Sciences | i) M.Pharm. (Pharmaceutical Chemistry) |
| | ii) M.Pharm. (Pharmaceutics) |
| | iii) M.Pharm. (Pharmacology) |
| | iv) M.Pharm. (Pharmacognosy) |
| | v) Bachelor of Pharmacy |

7. FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Departments

- | | |
|-----------------------|---|
| A. Economics | i) M.Sc. (Economics) |
| | ii) B.Sc. (Hons.)- Economics |
| B. Applied Psychology | i) M.Sc. (Psychology) |
| | ii) P.G. Diploma in Guidance & Counseling |
| | iii) B.Sc. (Hons.) Psychology |
| C. English | M.A. (English) |
| D. Hindi | M.A. (Hindi) |

8. 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.

9. FACULTY OF EDUCATION

The Faculty of Education, Guru Jambheshwar University Science & Technology was established in 2017. Under the Faculty of Education, there are 7 programmes i.e. B.Ed. 2year regular, M.Ed. 2-year regular, B.Ed. Part-time, B.Ed. M.Ed. Integrated 3-year regular, B.A. B.Ed. Integrated 4-year Course, B.Ed. Shiksha Shastri, B.El.Ed. All Teacher Education Programmes under the faculty of education provide diverse opportunities to acquire teaching competence through a wide range of curricular experiences, community outreach activities. Perspective teachers derive professional acumen with continuing mentoring to nurture their creativity, innovations and life skills through multiple mode approach to teaching-learning

PROGRAMMES OFFERED BY THE AFFILIATED EDUCATIONAL COLLEGES

1. Master of Education (M.Ed)-Two Year (Regular)
2. B.Ed.-M.Ed. – Three Years Integrated (Annual System)
3. Bachelor of Education (B.Ed.) -Two year (Regular)
4. B.Ed. (Shiksha Shastri) Two Year (Regular)

5. Bachelor of Elementary Education (B.El.Ed.) - Four year (Annual System)
6. Bachelor of Education (B.Ed.) –Three years (Part-time)
7. Diploma in Physical Education (D.P.Ed.) Two Year (Regular)

10. FACULTY OF LAW

Law education in the India generally refers to the education of legal profession for creating profound professional in the field. Law education is offered through Faculty of Law at our affiliating college namely, C.R. Law College, Hisar, which is a leading self-financing law college imparting law education in the State of Haryana. This Law College is committed to impart outstanding quality legal education at par with the premier Law institutions in India. This College, which was established in 2003 to conduct 3-years Postgraduation professional law course is also conducting B.A.LL.B (5-years) Integrated Professional law course since 2009 and Master of Laws (LL.M) since 2020. The students of this College have brought laurels to the college by getting selected in various State Judicial Services Examinations. This college ensures the vibrancy and youthful outlook, which is reflected in its updated course curriculum that may be dedicated to create a new breed of dynamic and future ready law graduates who will be in a position to use the knowledge acquired here towards the creation of a better law-abiding society vis-a-vis for the brighter future law education in the country.

CHAPTER-4

PROGRAMME-WISE NUMBER OF SEATS FOR THE ACADEMIC SESSION 2022-23

M.Tech. PROGRAMME(S)

Sr. No.	Name of Programme	No. of seats
1.	M.Tech. (Computer Science & Engineering)	30
2.	M.Tech. (Environmental Sc. & Engineering)	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)	20
8.	M.Tech. (Printing Technology)	20

M.PHARM, M.P.Th., MCA, M.Sc., 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 of COVID-19 (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar + (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 Disorders)	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)	30*
(ii)	M.Sc. (Biotechnology) under Self Financing Scheme	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.A. (Mass Communication)	50+2+1+1+1+1(Defense Person in Service)
29.	M.A. in English under CBCS	40+2+1+1+1
30.	M.A. in Hindi	40+2+1+1+1

* 30 seats in M.Sc. (Biotechnology) were DBT Supported and filled through Graduate Aptitude Test-Biotechnology (GAT-B) 2021.

Note

1. Two seats in each UGC Programme have been created as Supernumerary seats for Single Girl Child of Haryana.
2. One seat in each UGC Programme has been created as Supernumerary seat for north-eastern candidate /ward of deceased due to COVID-19 of Haryana.
3. One seat in each UGC Programme has been created as Supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar.
4. One seat has been created as Supernumerary seat for Kashmiri Migrants.
5. 15% seats in each Programme have been created as Supernumerary seat(s) for Foreign Nationals.
6. 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 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 + (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 + (iv) one supernumerary seat for Kashmiri Migrants
31.	M.B.A.	60
32.	MBA-Business Analytics	30
33.	MBA-Finance	30
34.	MBA-Marketing	30
35.	MBA-International Business	30
36.	M.Com.	80+2+1+1+1

P.G. Diploma Programmes

Sr. No.	Name of 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 of COVID-19 + (iii) One supernumerary seat for children (son/daughter) of permanent University Employees of GJUS&T, Hisar + (iv) one supernumerary seat for Kashmiri Migrants	
37.	PG Diploma in Guidance & Counseling	15+2+1+1+1	
38.	PG Diploma in Yoga Science & Therapy (PGDYST)	30+2+1+1+1	
Sr. No.	Name of the Programme	Duration	No. of seats + (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
39.	Dual Degree B.Sc.(Hons) Physics- M.Sc. (Physics)	3+2=5 years	45+2+1+1+1
40.	Dual Degree B.Sc.(Hons) Chemistry- M.Sc. (Chemistry)	3+2=5 years	45+2+1+1+1

41.	Dual Degree B.Sc.(Hons) Mathematics- M.Sc. (Mathematics)	3+2=5 years	45+2+1+1+1
42.	Dual Degree B.Sc.(Hons) Biotechnology- M.Sc. (Biotechnology)	3+2=5 years	40+2+1+1+1
43.	B.Sc. (Hons.)-Economics	3 years	45+2+1+1+1
44.	B.Sc. (Hons.)-Psychology	3 years	45+2+1+1+1
45.	B.Sc. (Hons.)-Computer (Data Science)	3 years	40+2+1+1+1
46.	Bachelor of Physiotherapy	4 years + 6 months compulsory internship	50+2+1+1+1
47.	B.A. (Mass Communication)	4 years	30+2+1+1+1
48.	B.Voc. (Food Processing & Engineering)	3 years	30+2+1+1+1

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

Sr. No.	Name of Programme	No. of seats
49.	B.Tech. (Computer Science & Engineering)	120
50.	B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)	60
51.	B.Tech. (Information Technology)	60
52.	B.Tech. (Electronics & Communication Engineering)	60
53.	B.Tech. (Mechanical Engineering)	60
54.	B.Tech. (Printing Technology)	60
55.	B.Tech. (Packaging Technology)	30
56.	B.Tech. (Food Technology)	30
57.	B.Tech. (Civil Engineering)	60
58.	B.Tech. (Electrical Engineering)	60
59.	B.Tech. (Electronics and Biomedical Engineering)	30
Undergraduate B.Tech. Regular Programmes in Hindi Medium		
60.	B.Tech. (Electronics & Communication Engineering)	30
61.	B.Tech. (Mechanical Engineering)	30
62.	B.Tech. (Computer Science & Engineering)	30
63.	B.Tech. (Information Technology)	30

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

64.	B.Pharma. 1 st year B.Pharma. 2 nd year (LEET)	60 06+ (Vacant/ left over seats of last year)
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CHAPTER-5
Examination Results
Annual Report for the year 2022-2023 (May-2023)

Level	Programme	Broad Discipline Group Name	Discipline/ Subject	Total Number of students Appeared	Total Number of students passed	Pass percentage
PGDG&C	PG Diploma G&C	UTD	PG Diploma G&C	17	17	100%
Post Graduate	MCA (2 Years)	UTD	Computer application	57	50	88%
Post Graduate	M.Sc. EVS	UTD	Envr. Sc. Engg.	45	30	67%
Post Graduate	M.Tech. EVS	UTD	Envr. Sc. Engg.		Result not declared.	
Post Graduate	M.Sc. Chemistry	UTD	Chemistry	48	38	79%
Post Graduate	M.Sc. Chem Dual	UTD	Chemistry	23	19	83%
Graduate	B.Sc. Chem Dual	UTD	Chemistry	47	42	89%
Post Graduate	M.Sc. Math	UTD	Mathematics	47	23	49%
Post Graduate	M.Sc. Math	Affiliated Institutes	Mathematics	219	33	15%
Post Graduate	M.Sc. Math Dual	UTD	Mathematics	17	4	24%
Graduate	B.Sc. Math Dual	UTD	Mathematics	48	23	48%
Post Graduate	M.Sc. Physics	UTD	Physics	45	37	82%
Post Graduate	M.Sc. Physics Dual	UTD	Physics	20	13	65%
Graduate	B.Sc. Physics Dual	UTD	Physics	45	35	78%
Post Graduate	M.Sc. Biotech	UTD	Biotech	30	28	93%
Post Graduate	M.Sc. Biotech Dual	UTD	Biotech	20	20	100%
Graduate	B.Sc. Biotech Dual	UTD	Biotech	38	29	76%
Post Graduate	M.Sc. Food Tech	UTD	Food		Result not declared	
Post Graduate	M.Sc. Micro	UTD	Microbiology	28	27	96%
Post Graduate	M.Sc. Economics	UTD	Economics	42	26	62%
Graduate	B.Sc Economics Hons	UTD	Economics	40	30	75%
Post Graduate	M.Sc. Psychology	UTD	Psychology	48	39	81%
Post Graduate	MBA General	UTD	General	53	44	83%
Post Graduate	MBA Finance	UTD	Finance	29	26	90%
Post Graduate	MBA Mkt	UTD	Marketing	29	23	79%
Post Graduate	MBA IB	UTD	International Business	26	19	73%
Post Graduate	MBA BA	UTD	Business Analytics	17	14	82%
Post Graduate	M.Sc. (MC)	UTD	Mass Comm.	40	31	78%
Post Graduate	M.T. Nano Sc. Tech	UTD	Nano sc. & Tech	Result not declared		
Post Graduate	M.T. Geo Info.	UTD	Nano Sc. & Tech.	Result not declared		

Graduate	B.TECH	UTD	INFORMATION TECHNOLOGY	62	50	81
			IT INTERNSHIP/T RAINING	12	11	92
Graduate	B.TECH	UTD	CIVIL ENGG.	47	41	87
			CE INTERNSHIP/T RAINING	20	19	95
Post graduate	M. TECH	UTD	PRINGTING TECHNOLOGY	RESULT AWAITED		
Graduate	BSC.-HONS	UTD	PSYCHOLOGY	45	38	84
Post graduate	M.Sc	UTD	Yoga Science & Therapy	RESULT AWAITED		
Diploma	PGDYST	UTD	Post Graduate Diploma in Yoga & Science Therapy	25	12	48
Graduate	B. Tech	UTD	Electronics & Communication Engg.	59	39	66
			ECE INTERNSHIP/T RAINING	12	10	83
Graduate	B. Tech	UTD	Mechanical Engg.	46	16	35
			ME INTERNSHIP/T RAINING	14	7	50
Graduate	B. Tech	UTD	Agriculture Engg.	2	0	0
Graduate	BSC.-HONS	UTD	Computer Data Science	40	33	83
Post graduate	M. TECH	UTD	Electronics & Communication Engg.	RESULT AWAITED		
Post graduate	M. TECH	UTD	Mechanical Engg.	RESULT AWAITED		
Graduate	B.A.	UTD	MASS. COMM.	START FROM 21 BATCH		
Post graduate	M. TECH	UTD	COM. SCI. ENGG.	RESULT AWAITED		
Graduate	B. Physiotherapy	UTD	B. Physiotherapy	44	39	88.64
Graduate	B. Tech.	UTD	B. Tech. (Food Tech.)	Result not declared yet		
Graduate	B. Pharmacy	UTD	B. Pharmacy	67	60	89.55
Graduate	B. Tech.	UTD	B. Tech. (PTG)	63	49	77.78
Graduate	B. Tech.	UTD	B. Tech. (PKG)	12	12	100
Post Graduate	M. Physiotherapy	UTD	M. Physiotherapy	Result not declared yet		
Post Graduate	M. Tech.	UTD	M. Tech. (Food Tech.)			
Post Graduate	M. Pharmacy	UTD	M. Pharmacy			
Graduate	B.Tech	UTD	CSE	144	104	77.22
Post Graduate	Master	UTD	Hindi	36	30	83.33
Post graduate	Master	UTD	English	31	23	74.19
Graduate	B.Tech.	UTD	EE	76	51	67.10
Graduate	B.TECH	UTD	Information technology	62	50	81
			IT internship/ training	12	11	92
Graduate	B.TECH	UTD	Information technology	62	50	81
			IT internship/ training	12	11	92

CHAPTER-6

FINANCES

TENTATIVE INCOME & EXPENDITURE STATEMENT FOR THE YEAR 2022-23

Income (Rs. in lacs) Approx.			Expenditure (Rs. in lacs) Tentative
1. Govt. Grant	10000.00	}	13028.89
2. Internal Income	3818.34		
3. UGC	101.52	}	532.91
4. Other Agencies	227.84		

MAJOR RESEARCH PROJECTS SANCTIONED BY UNIVERSITY GRANTS COMMISSION UPTO JUNE, 2022 (01.07.2022 TO 30.06.2023)

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

CHAPTER-7
Construction Activities

“A” Detail of Major works completed 2023

Sr. No.	Name of project	Date of completion
1	Extension Block of Boys Hostel No. 4	31.08.2022
2	Construction of Additional Room in ‘A’ Type Houses in New Campus	30.12.2022
3	Providing and Installation of Lifts in Administrative Block	03.04.2023

“B” Ongoing Construction Activities during 2022-23

Sr. No.	Name of project	Date of completion
1	Construction of 6 Nos. Warden Residence	Work in progress
2	Construction of 3 Nos. Laboratory Block for the Department of Chemistry in Teaching Block No. 3	Work in progress
3	Renovation of labs in Department of Pharmaceutical Science in Teaching Block No. 2	Work in progress
4	Construction of Dry and Wet Waste Processing Unit at Solid Waste Management Plant near STP	Work in progress

“C” Planned Construction Activities

New Works to be undertaken during 2023-24

Sr. No.	Name of project	Estimated Cost (Rs. In Lacs.)	Budget Provision 2023-24 (Rs. In Lacs.)
1	Construction of class rooms and labs for the Department of Physiotherapy	444.32	200.00
2	Construction of 2nd floor right wing of Haryana School of Business. (Against the budget head “Construction of Lecture Theatre Block for Teaching Block No. 1 & 2”).	167.20	100.00
3	Renovation of Boys Hostel No. 1 (Renovation of University Building)	81.95	150.00
4	Extension of building of Mechanical Engineering Workshop (construction of part of 1st & 2nd floors) for housing the Department of Civil Engineering	837.20	300.00
5	Construction of Girls’ Hostel No. 5 (for 510 students)	3915.00	10.00
6	Construction of Boys’ Hostel No. 5 (for 500 students)	3439.00	10.00
7	Construction of 20 Nos. 'E' Type Houses	1304.67	200.00
8	Construction of 20 Nos. 'Super-C' Type Houses	931.68	200.00
9	Construction of Multipurpose Hall of size 60m x 40m x 15m	1548.00	New work
10	Construction/Extension of Girls Hostel for SC Students under the Central Sponsored Scheme of PM-AJAY	630.87	New work
11	Construction of Teaching Block No. 8 {(Phase-II) i.e. left, right & rear wings}	3595.00	5.00
12	Providing and Installation of Lifts in Various Blocks	500.00	300.00

CHAPTER-8

SCHEDULE OF BUDGETED SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES & TEACHING FACULTY STRENGTH

(PLAN SCHEME)

Sr. No.	POST/DESIGNATION	GROUP	SANC-TIONED	FILLED	VACANT	PAY LEVEL	Remarks
1	VICE CHANCELLOR	A	1	1	0	2,10,000 fixed	
2	REGISTRAR	A	1	1	0	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	1	0	Level-12	
9	DY REGISTRAR/ COORDINATOR	A	1	1	0	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	8	8	0	Level-10	
16	DOCTOR (MALE)	B	1	1	0	Level-9 +25% NPA	
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	1	0	Level-9	01 ATO promoted against this post
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	1	0	Level-9	One SDE (Civil) promoted against this post
28	TRAINING & PLACEMENT OFFICER	B	1	1	0	Level-9	
29	PUBLIC RELATIONS OFFICER	B	1	1	0	Level-9	
30	LAW OFFICER	B	1	1	0	Level-7	
31	SUPERINTENDENT	B	14	13	1	Level-7	
32	PRIVATE SECRETARY	B	1	1	0	Level- 7	
33	JUNIOR PROGRAMMER	B	3	3	0	Level-7	01ATO promoted against vacant post
34	ASSTT. TECHNICAL OFFICER	B	1	1	0	Level-7	

35	NURSE	C	3	3	0	Level-6	01 T.A Gr-I promoted against vacant post
36	PERSONAL ASSISTANT	C	2	2	0	Level-6	
37	DEPUTY SUPERINTENDENT	C	11	11	0	Level-6	
38	TECH. ASSTT. GR.-I (NETWORKING)	C	1	1	0	Level-6	
39	TECH. ASSTT. GR.-I (HARDWARE)	C	1	1	0	Level-6	
40	TECHNICAL ASSISTANT GR.-I	C	9	9	0	Level-6	
41	RESEARCH CUM STAT. ASSISTANT	C	1	0	1	Level-6	
42	LAB. TECH. INSTRUMENTATION	C	1	1	0	Level-6	one T.A Grd-I promoted against this vacant post
43	JE (PH)	C	2	2	0	Level-6	01 Lady Warden promoted against vacant post
44	JE (ELECTRICAL)	C	3	3	0	Level-6	
45	JE (CIVIL)	C	4	3	1	Level-6	01 Electrician Grd-I and 01 Electrician Gr-II promoted against these posts
46	HEAD DRAFTSMAN	C	1	0	1	Level-6	
47	DIVISIONAL ACCOUNTANT	C	2	2	0	Level-6	One post Downgraded into Sub Divisional Clerk.
48	ASSISTANT	C	68	68	0	Level-6	
49	LADY WARDEN	C	4	4	0	Level-6	01 Promoted against the Lady Warden who is presently on deputation
50	SUPERVISOR YOUTH WELFARE	C	1	1	0	Level-6	
51	TECHNICAL ASSISTANT GR-II	C	2	2	0	Level-6	02 Lab Tech. promoted against these posts
52	SR SCALE STENOGRAPHER	C	3	3	0	Level-6 + 60SP	
53	SANITARY INSPECTOR	C	1	1	0	Level-6	
54	PHARMACIST	C	1	1	0	Level-6	
55	LAB TECHNICIAN	C	3	3	0	Level-6	
56	ACCOUNTANT	C	1	1	0	Level-6	01 Assistant promoted against this post
57	ELECTRICIAN GR-I	C	1	1	0	Level-6	
58	DRAFTSMAN	C	2	2	0	Level-6	One Electrician Gr-I & One Store Keeper promoted against these posts
59	STORE KEEPER	C	5	5	0	Level-6	
60	LAB TECHNICIAN (FOR UHC)	C	2	2	0	Level-6	
61	HOSTEL CARE TAKER	C	5	4	1	Level-4	
62	JUNIOR SCALE STENOGRAPHER	C	2	2	0	Level-4+40 SP	
63	DRIVER	C	9	7	2	Level-4+300 SP	
64	PLUMBER GR-I	C	1	1	0	Level-4	
65	JR LECTURE ASSTT.	C	2	1	1	Level-4	
66	FITTER	C	1	1	0	Level-4	
67	A.C.MECHANIC	C	1	1	0	Level-4	
68	ELECTRICIAN GR-II	C	3	3	0	Level-4	

69	CARPENTER GR-I	C	1	1	0	Level-4	
70	CAMERAMAN-CUM-STUDIO ATTD	C	1	1	0	Level-4	
71	SUB DIVISIONAL CLERK	C	1	1	0	Level-2	
72	CLERK	C	100	81	19	Level-2	15 Post advertized vide advt. No. 02/2022
73	STORE CLERK	C	1	1	0	Level-2	
74	STENO TYPIST	C	31	27	4	Level-2	02 posts converted into the post of Lady Attendant & 01 Sub Divisional Clerk has been recruited.
75	WORK INSPECTOR	C	1	1	0	Level-2	One Masson Gr-II promoted against this vacant post
76	PLUMBER GR-II	C	1	1	0	Level-2	
77	LIBRARY ATTD. CUM RESTORER	C	5	3	2	Level-2	
78	LADY ATTENDANT	C	2	2	0	Level-2	
79	LAB ATTENDANT	C	60	60	0	Level-2	
80	HEAD JAMADAR	D	1	1	0	Level-2	
81	TUBE WELL OPERATOR	D	2	2	0	Level-1	
82	DAFTRI	D	3	2	1	Level-1	Two posts converted into Waiter-cum-Cleaner
83	CARPENTER GR-II	D	1	1	0	Level-1	
84	MASON GR. II	D	1	1	0	Level-1	
85	COOK	D	5	3	2	Level-1	
86	HEAD CHOWKIDAR	D	1	0	1	Level-1	
87	WAITER CUM CLEANER	D	11	8	3	Level- DL	
88	HEAD MALI	D	1	0	1	Level- DL	
89	SWEEPER	D	18	15	3	Level- DL + 30SP	Dying cadre
90	MASON HELPER	D	1	1	0	Level- DL	
91	HELPER (PHE)	D	2	0	2	Level- DL	
92	CHOWKIDAR (CIVIL)	D	1	1	0	Level- DL	
93	CHOWKIDAR (PHE)	D	1	1	0	Level- DL	
94	ANIMAL ATTENDANT	D	1	1	0	Level- DL + 30SP	
95	PLUMBING HELPER	D	2	0	2	Level- DL	
96	HELPER (CIVIL)	D	4	3	1	Level- DL	
97	HELPER (ELECTRICIAN)	D	4	0	4	Level- DL	
98	ELECTRICIAN HELPER	D	1	0	1	Level- DL	
99	PEON	D	82	68	14	Level- DL+ 30 SP	12 Post advertised vide advt. No. 02/2022
100	MALI	D	5	3	2	Level- DL + 30SP	Dying cadre
101	BELDAR	D	4	2	2	Level- DL	
102	SEWERMAN	D	1	1	0	Level- DL	
103	GROUND MAN	D	2	2	0	Level- DL	
104	STUDENT ASSISTANT	D	2	2	0	Rs. 1200/- per month	
	Grand Total		583	510	73		

SCHEDULE OF SANCTIONED NON TEACHING POSTS & THEIR PAY SCALES (SELF FINANCING)							
SR. NO.	POST /DESIGNATION	GROUP	SANCTIONED	FILLED	VACANT	PAY LEVEL	REMARKS
1	DIRECTOR (DISTANCE)	A	1	1	0	Level-19	01 Dy. Registrar promoted against this post
2	DEPUTY DIRECTOR (DE)	A	1	1	0	Level-13	01 Dy. Registrar promoted against this post
3	WORKSHOP SUPERINTENDENT	A	1	1	0	Level-13	
4	ASSISTANT DIRECTOR (DE)	A	1	1	0	Level-11	One A.R promoted against this post
5	ASSISTANT WORKSHOP SUPERINTENDENT	B	2	2	0	Level-9	One A.T.O promoted and One PS against these posts
6	PROGRAMMER	B	1	1	0	Level-9	
7	SUPERINTENDENT	B	1	1	0	Level-7	
8	SR. TECH. ASSTT. (SR.PHY)	B	1	1	0	Level-7	
9	JUNIOR PROGRAMMER	B	1	0	1	Level-7	
10	ASSTT. 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	C	1	1	0	Level-6	One T.A Gr-I promoted against this post
14	ASSISTANT	C	6	6	0	Level-6	
15	TECHNICAL ASSTT. GR I	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 T.A Gr-I 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	3	17	Level -2	10 posts advertised vide advt No. 02/2022
22	PEON	D	7	0	7	Level- DL +30S.P	
	TOTAL		89	44	45		

POSTS SANCTIONED BY THE UNIVERSITY GRANTS COMMISSION FOR HRDC

Sr. No.	Name of the post	Group	Sanctioned posts	Filled	Vacant	Pay level	Remarks
1	Section Officer	B	1	1	0	Level-7	One Supdt. Promoted against thi post
2	Senior Assistant	C	1	1	0	Level-6	One Assistant Promoted against this post
3	Junior Assistant	C	1	0	1	Level-2+40 SP	
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-2	
7	Peon	D	1	0	1	Level-DL+30 SP	
8	Hostel Attendant	D	1	1	0	Level-DL+30 SP	
	Total		8	5	3		

(Faculty strength of the University as on 30.06.2023)

Sr. No.	Name of Deptt./ Subject	Sanctioned			Filled posts			Vacant		
		P	Assoc.P.	Asstt.P	P	Assoc.P	Asstt.P	P	Assoc.P	Asstt.P
1.	Environmental Sc. & Engineering	4	4	8	2**	1***	7	2	3	1
2.	Food Technology	1	2	4	-	-	3	1	2	1
3	Bio & Nanotechnology	2	3	8	-	1	7	2	2	1
4	Chemistry	1	4	8	1**	1	8	-	3	-
5.	Physics	2	4	11	-	2	9	2	2	2
6.	Mathematics	1	2	8	1	1	8	-	1	-
7.	Pharmaceutical Sciences	4	7	13	2	1	10	2	6	3
8.	Applied Psychology	1	2	4	1	1	4	-	1	-
9.	Physiotherapy	1	3	5	-	-	4	1	3	1
10.	Computer Sc. & Engg.	5	10	20	1**	5+1***	19	4	4	1
11.	Printing Technology	2	4	9	1**	2***	9	1	2	-
12.	Electronics & Comm.Engg.	2	7	14	-	2	13	2	5	1
13.	Mechanical Engineering	-	4	11	-	1	11	-	3	-
14.	Emerging Tech. (Biomedical Engg.)	1	2	4	-	-	3	1	2	1
15.	Mass Communication	2	3	5	-	1	4	2	2	1
16.	Haryana School of Business	5+1DP	11	23	-	6	19	5+1DP	5	4
17.	G.J.M.I. Religious Studies	-	-	1	-	-	-	-	-	1
18.	Directorate of Distance Education	-	1	3	-	1***	2	-	-	1
19.	UGC-Human Resource Development Centre	1-PD	1	1	-	1	1	1-PD	-	-
20.	Electrical Engg.	1	2	6	-	-	2	1	2	4
21	English and Foreign Languages	1	2	5	-	-	1	1	2	4
22	Hindi	1	2	4	-	-	3	1	2	1
23	Economics	1	3	4	-	1	4	1	2	-
24	Civil Engineering	1	2	4	-	-	-	1	2	4
Total		39+1DP+1PD	85	183	9	29	151	32	56	32
25.	Library	1-Lib	1-DL	4-AL	1-Lib.	-	3-AL	-	1-DL	1-AL
Grand Total		42	86	187	10	29	154	32	57	33

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

**Five posts of Professor has been filled up at the level of Assistant Professor.

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

CHAPTER-9

List of Scholars registered for Ph.D. programme - 01.07.2022 to 30.06.2023

Sr. No	Regn. No.	Name of Scholar	Topic of Research	Super-visor	Co-Supervisor	Date of Approval by BOSR	Date of Regn.	Date of Approval by AC
Department of Computer Science & Engineering								
1	200010 090105	Ms. Shuchita Sheokand	OPTIMIZED DEEP LEARNING MODEL FOR CREDIT CARD FRAUD DETECTION	Dr. Sunita Beniwal		28.09.2022	28.09.2022	08.02.2023
2	210010 090101	Ms. Uditia Malhotra	SECURE AND COMPATIBLE INTEGRATION OF CLOUD BASED ERP SYSTEM	Dr. Ritu	Dr.Amandeep Asstt. Professor, Deptt. of CSE, GJUST, Hisar	12.05.2023	12.05.2023	20.11.2023
3	210010 090104	Ms. Monika	ENERGY CONSUMPTION MINIMIZATION IN 6G ENABLED IoT WITH ENSEMBLED REINFORCEMENT LEARNING	Prof. Rishi Pal Singh		12.05.2023	12.05.2023	20.11.2023
Department of Mass Communication								
1	210020 090101	Mr. Manoj Kumar	हिंसा के पीड़ितों की पहचान और सहायता में वन स्टॉप सेंटर की भूमिका : हरियाणा में संबंधित समाचारों का विश्लेषण Role of One Stop Centre in identifying and assisting victims of violence: an analysis of related news in Haryana	Dr. Sunaina		27.02.2023	27.02.2023	20.11.2023
2	210020 090102	Mr. Vipin	मीडिया स्ट्रक्चरलिज्म ऑफ इंटेलेक्चुअल डिसऑनैस्टी थू मिसे.एन.सीन फॉर पॉलिटिकल नैरेटिव्स Media Structuralism of Intellectual Dishonesty through Mise-En-Scene for Political Narratives	Prof. Vikram Kaushik		27.02.2023	27.02.2023	20.11.2023
Department of Environmental Science & Engineering								
1	20004 00901 01	Mr. Anuj Sharma	SEQUESTRATION OF TEXTILE DYES FROM WASTE WATER USING ALGAL NANOPARTICLES	Prof. Praveen Sharma	Dr. Mona Sharma, Associate Professor	14.10.2022	14.10.2022	08.02.2023
2	19004 00901 01	Mr. Sumit Kumar	Impact Assessment of Environmental, Social and Governance Indicators on Business Sustainability	Dr. Santosh Bhukal	Dr. Mona Sharma	14.10.2022	14.10.2022	08.02.2023
3	190040 090104	Ms. Divya	Impact of Environmental Factors on Quality of Herbal Drugs and their Development	Prof. Praveen Sharma	Dr. Praveen Bansal Joint Director Research, Baba Faridkot University of Health Science, Faridkot	14.10.2022	14.10.2022	08.02.2023

4	190040 090114	Ms. Sujata	Evaluation of Thermophilic and Mesophilic Algal Compounds for Nutraceuticals	Dr. Santosh Bhukal	Dr. Mona Sharma	14.10.2022	14.10.2022	08.02.2023
5	190040 090115	Ms. Anjali Yadav	Evaluation of Marine Algal-Derived Metabolites for Cosmeceutical Applications	Dr. Santosh Bhukal	Dr. Mona Sharma	14.10.2022	14.10.2022	08.02.2023
6	200040 090103	Ms. Vibhuti Sharma	STUDY THE EFFECTS OF CO-COMPOSTED BIOCHAR ON MYCOREMEDIATION OF INDUSTRIAL WASTE CONTAMINATED SOIL	Prof. Parveen Sharma		14.10.2022	14.10.2022	20.11.2023
7	200040 090105	Mr. Ankur	SYNTHESIS OF NANOMATERIAL INFUSED BIOPLASTIC FROM BIOWASTE	Prof. Asha Gupta		14.10.2022	14.10.2022	20.11.2023
8	200040 090106	Ms. Minakshi	DEVELOPMENT AND CHARACTERIZATION OF POLYMER COMPOSITES USING HOSPITAL WASTE AND ITS APPLICATION	Dr. Anu Gupta		14.10.2022	14.10.2022	20.11.2023
9	200040 090108	Mr. Rishi	HEAVY METALS REMEDIATION FROM WASTEWATER USING ALGAL MEDIATED NANOMATERIALS	Dr. Santosh Bhukal	Dr. R Bhateria, Associate Professor Deptt. of Env Science, MDU, Rohtak	14.10.2022	14.10.2022	20.11.2023
10	200040 090110	Ms. Divya	EVALUATION OF GREEN SYNTHESIZED METALLIC NANOPARTICLES AS POTENTIAL TOOLS FOR SUSTAINABLE AGRICULTURAL PRACTICE	Dr. Santosh Bhukal	Dr. Sumistha Das, Assistant Professor Amity School of Biotech., Amity University, Haryana	14.10.2022	14.10.2022	20.11.2023
11	200040 090111	Ms. Divya	POTENTIAL APPLICATION OF CARBON-BASED MATERIALS / COMPOSITES FOR THE REMOVAL OF EMERGING POLLUTANTS FROM WATER	Dr. Santosh Bhukal	Dr. Navish Kataria, Assistant Professor Deptt. of ESE JCBUST, YMCA, Faridabad	14.10.2022	14.10.2022	20.11.2023
12	200040 090113	Ms. Vinita Sharma	DEVELOPMENT AND CHARACTERISATION OF SUGARCANE BAGASSE REINFORCED POLYMER COMPOSITE USING COCONUT COIR AND WOOD APPLE SHELL AS FILLER	Dr. Anu Gupta		14.10.2022	14.10.2022	20.11.2023
13	190040 090109	Ms. Jyoti Bala	Landfill Leachate Treatment By using Nanoparticles Loaded Adsorbents Prepared from Agro-waste	Prof. Rajesh Kumar		20.07.2021	20.07.2021	20.11.2023
14	200040 090104	Ms. Soniya Chaudhary	AGRICULTURAL USE OF FLUE GAS DESULPHURISED (FGD) GYPSUM AND ITS IMPACT ASSESSMENT ON SOIL AND PRODUCE	Prof. Parveen Sharma		14.10.2022	14.10.2022	20.11.2023

15	210040 090101	Ms. Shabnam	Removal of phosphate and nitrate from wastewater using nanomaterial loaded activated carbon prepared from agro-waste	Prof. Rajesh Kumar Lohchab		17.03.2023	17.03.2023	20.11.2023
16	210040 090105	Ms. Tamanna Kumari	Application of Rice Husk based Biosorbent for Removal of Dyes from Wastewater	Dr. Lakhvinder Singh		17.03.2023	17.03.2023	20.11.2023
Department of Chemistry								
1	190050 090109	Mr. Vikram	SYNTHESIS AND BIOLOGICAL STUDIES OF PYRAZOLE-IMIDAZOLE COMPOUNDS	Dr. Vikas Verma		16.05.2022	16.05.2022	08.02.2023
2	200050 090101	Mr. Ankit	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF ORGANOTIN(VI) COMPLEXES WITH NITROGEN/OXYGEN DONOR LIGANDS	Prof. Jai Devi		16.05.2022	16.05.2022	08.02.2023
3	200050 090104	Ms. Bharti	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL STUDIES OF DIORGANOTIN(VI) COMPLEXES DERIVED FROM LIGANDS HAVING NITROGEN/OXYGEN/SULPHUR DONOR ATOMS	Prof. Jai Devi		16.05.2022	16.05.2022	08.02.2023
4	200050 090106	Ms. Tanisha	SYNTHESIS AND BIOLOGICAL ACTIVITY OF TRANSITION METAL COMPLEXES WITH LIGANDS HAVING NITROGEN AND OXYGEN ATOMS	Prof. Jai Devi		16.05.2022	16.05.2022	08.02.2023
5	200050 090109	Ms. Pinki	ORGANOTIN(IV) COMPLEXES SYNTHESIS AND BIOLOGICAL STUDIES	Prof. Sonika		16.05.2022	16.05.2022	08.02.2023
6	200050 090102	Ms. Sonia	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF BIIMIDAZOLES	Dr. Vikas Verma		24.01.2023	24.01.2023	20.11.2023
7	200050 090112	Ms. Swati Rani	Synthesis, Characterization and biological activity of chloroquine derivatives, their complexes and nanocomposites	Prof. Jai devi	Dr. Anju Manuja, Principal Scientist NRCE, Hisar	24.01.2023	24.01.2023	20.11.2023
Department of Mathematics								
1	200060 090102	Ms. Deepika Rani	Lithospheric Deformation due to Seismic Faulting	Prof. Sunita Rani		23.04.2022	23.04.2022	08.02.2023
2	200060 090104	Ms. Neha Devi	Transient Thermoelastic Problems in Continuum	Prof. Kapil Kumar		23.04.2022	23.04.2022	08.02.2023
3	200060 090105	Ms. Riddhi	Weight Distributions of Some Irreducible Cyclic Codes	Prof. Pankaj Kumar		23.04.2022	23.04.2022	08.02.2023

4	200060 090106	Ms. Sonal	A Study of Thermodynamical Problems under Non-Classical Heat Conduction	Dr. Sandeep Singh		23.04.2022	23.04.2022	08.02.2023
5	200060 090103	Ms. Sonia	Deformation of Elastic and Poroelectric Media Under Surface Loads	Dr. Sunita Rani		23.04.2022	23.04.2022	08.02.2023
6	200060 090101	Mr. Ankit	Study of Multivalued Invariant Operators in Various Fuzzy Metric Spaces and Applications	Dr. Vizender Singh		23.04.2022	23.04.2022	08.02.2023
7	200060 090107	Mr. Rakesh Kumar	Mathematical study of Effects of surface and fluid Properties on Boundary layer characteristics	Prof. M. K. Sharma		26.04.2023	26.04.2023	20.11.2023
8	200060 090108	Ms. Madhu	Investigation of Transient Thermoelastic Problems in a Continuum	Prof. Kapil Kumar		26.04.2023	26.04.2023	20.11.2023
9	200060 090109	Ms. Shivani Dalal	Analysis of Thermoelastic Wave Propagation in Solids with Hyperbolic Heat Conduction	Prof. Kapil Kumar		26.04.2023	26.04.2023	20.11.2023
10	200060 090111	Mr. Kuldeep Singh	Study of Some Fixed Point Theorems for Solving Non Linear and Uncertainty Problems	Dr. Vizender Singh		26.04.2023	26.04.2023	20.11.2023
11	200060 090110	Mr. Rakesh	Thermoelastic Behaviour of Solids under Non-Classical Heat Conduction	Dr. Sandeep Singh		26.04.2023	26.04.2023	20.11.2023
12	200060 090112	Mr. Amit	Deformation of Elastic and poroelectric Media due to Seismic Sources	Dr. Sunita Rani		26.04.2023	26.04.2023	20.11.2023
13	200060 090114	Ms. Sonu Rani	Analysis of Some Dynamical Problems in Thermoelastic Continua	Dr. Sandeep Singh		26.04.2023	26.04.2023	20.11.2023
14	200060 090113	Ms. Heena Rani	Study of Thermoelastic Interaction in Solids under Non-Classical Models	Prof. Kapil Kumar		26.04.2023	26.04.2023	20.11.2023
Department of Physics								
1	190070 090102	Ms. Mamta Rani	Study on Phase Shifting Interferometry for 2-D Refractive Index distribution of liquid	Dr. Ajay Shankar	Prof. Sujata Sanghi	16.05.2022	16.05.2022	08.02.2023
2	190070 090117	Mr. Bhupesh	Investigation of Natural Radioactivity around the Khandela Region of Rajasthan, India	Dr. Ranjeet		16.05.2022	16.05.2022	08.02.2023
3	200070 090102	Mr. Naresh Kumar	Assessment of Natural Radioactivity in Soil and Water around Khetri Region of Rajasthan, India	Dr. Ranjeet	Dr. Vivek Gupta	16.05.2022	16.05.2022	08.02.2023
4	200070 090106	Mr. Deepak Saini	Study of A/B Site Doping Effect on Structure, Electrical & Dielectric Properties of ABO ₃ Ceramics	Prof. Neetu Ahlawat		16.05.2022	16.05.2022	08.02.2023
5	200070 090108	Ms. Kanika Poonia	Synthesis And Characterization of Barium Titanate Stannate Based Novel Ceramics	Prof. R.S. Kundu		16.05.2022	16.05.2022	08.02.2023
6	200070 090109	Mr. Bhim Singh	Performance Analysis of Multi-junction Solar Cell	Dr. Vivek Gupta		16.05.2022	16.05.2022	08.02.2023

7	190070090109	Ms. Kanta	Studies on Optical and Electrical Properties of Transparent Conducting Oxide Thin Films	Dr. Vivek Gupta		22.03.2023	22.03.2023	20.11.2023
8	230070090001	Ms. Dimple	SYNTHESIS AND CHARACTERIZATION OF NANO-COMPOSITES OF CONDUCTING POLYMER AND EXPLORATION OF THEIR APPLICATIONS	Prof. Devendra Mohan	Prof. Ravish Garg, Deptt. of Emerging Tech., GJUS&T, Hisar	22.03.2023	22.03.2023	20.11.2023
9	190070090113	Mr. Bajinder Singh	SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE NANOPARTICLES FOR SENSING APPLICATIONS	Prof. Devendra Mohan	Prof. Ravish Garg, Deptt. of Emerging Technology, GJUS&T, Hisar	22.03.2023	22.03.2023	20.11.2023
10	200070090104	Ms. Jyoti	Assessment of Natural Radioactivity along the Manali – Leh Highway of India	Dr. Ranjeet	Dr. Pushpendra P. Singh, Associate Professor, Deptt. of Physics, IIT Ropar.	22.03.2023	22.03.2023	20.11.2023
11	200070090107	Mr. Ravinder	Studies on utilization of nanoparticles for sensing environmental pollutants	Dr. Vivek Gupta	Dr. Sandeep Kumar, Associate Professor, Deptt. of Bio & Nano Tech, GJUS&T, Hisar	22.03.2023	22.03.2023	20.11.2023
Department of Food Technology								
1	230080090001	Mr. Ankur Luthra	Heat Treatment Mediation to Enhance Quality of Wheat Flour and its Selected Products	Prof. B.S. Khatkar		10.02.2023	10.02.2023	20.11.2023
2	230080090002	Mr. Mithun Kumar	Quality Assessment and Utilization of Differently Treated Garden Cress (Lepidium sativum) Microgreens	Prof. Alka Sharma		10.02.2023	10.02.2023	20.11.2023
Department of Bio & Nano Technology								
1	210090390101	Mr. Jagdish Parshad	Development of microbial consortium for rice residues management and its effects on soil health	Dr. Anil Kumar		26.12.2022	26.12.2022	20.11.2023
2	210090290101	Ms. Annu Yadav	Evaluation of Heavy metal ion removal efficiency from industrial effluent by using Nano impregnated fungal hyphae	Prof. Namita Singh	Dr. Nitai Debnath, Associate Professor, Amity Institute of Biotech., Amity University, Gurugram	26.12.2022	26.12.2022	20.11.2023
3	210090190101	Ms. Bhawna Vermani	Preparation and evaluation of nanoformulations of a neuroprotective agent for melioration of ischemic stroke	Dr. Rajesh Thakur	Prof. Dinesh Dhingra, Department of Pharm Sci, GJUS&T, Hisar	26.12.2022	26.12.2022	20.11.2023
4	200090190101	Mr. Assim Verma	Studies on the mechanisms underlying antiviral action of Hesperetin against Buffalopox virus	Dr. Santosh Kumari	Dr. Sanjay Barua, NCVTC, ICAR-NRCE, Hisar	26.12.2022	26.12.2022	20.11.2023

5	200090 290109	Ms. Swati	Synthesis, characterization, and pharmacological evaluation of Capparis decidua endophytic fungal nanoparticles	Dr. Anil Kumar		26.12.2022	26.12.2022	20.11.2023
6	200090 290103	Mr. Mohit Kumar	Biogenic synthesis of nanoparticles from plant extract of Zanthoxylum armatum and their biological activities	Dr. Anil Kumar		26.12.2022	26.12.2022	20.11.2023
7	200090 290108	Ms. Deepanjali Sodha	Identification and validation of polymorphic SSR markers for CLCuD Resistance in G. hirsutum	Prof. Vinod Chhokar	Dr. Surender Kumar Verma, Principal Scientist and Head, ICAR-CICR, Sirsa	26.12.2022	26.12.2022	20.11.2023
8	200090 290110	Ms. Chahat Bhatia	To study the biological application of pure and doped metal/metal oxide film	Prof. Namita Singh		26.12.2022	26.12.2022	20.11.2023
Haryana School of Business								
1	200100 090105	Ms. Bhawna	MICROFINANCE INSTITUTIONS IN INDIA: GROWTH AND PERFORMANCE ANALYSIS	Prof. Suresh Kumar Mittal		05.05.2022	05.05.2022	08.02.2023
2	200100 090120	Ms. Poonam	Foreign Inflows and Economic Growth: An Empirical Study on BIMSTEC Nation	Dr. Vijender Pal Saini		16.12.2021	16.12.2021	08.02.2023
3	200100 090135	Ms. Nisha Rani	CUSTOMERS' AWARENESS AND ADOPTABILITY OF ARTIFICIAL INTELLIGENCE IN INDIAN BANKING SECTOR	Prof. Tilak Sethi	Prof. Pardeep Gupta	16.12.2021	16.12.2021	08.02.2023
4	200100 090104	Ms. Preeti	PROSPECTS OF CONTRACT FARMING: A STUDY OF FARMERS IN HARYANA	Dr. Rajiv Kumar		05.05.2022	05.05.2022	08.02.2023
5	200100 090114	Ms. Isha Mittal	EFFECT OF DEMOGRAPHIC AND PSYCHOLOGICAL FACTORS ON INDIVIDUAL INVESTORS DECISION MAKING	Prof. Anju Verma		05.05.2022	05.05.2022	08.02.2023
6	200100 090116	Ms. Kavita	EFFECTS OF CORPORATE SOCIAL RESPONSIBILITY AND STAKEHOLDER ENGAGEMENT ON SUSTAINABLE COMPETITIVE ADVANTAGE OF MSMEs IN HARYANA	Prof. Tika Ram		05.05.2022	05.05.2022	08.02.2023
7	200100 090118	Mr. Parvesh	EXPLORING RELATIONSHIP BETWEEN INDIA VOLATILITY INDEX AND NSE SECTORAL INDICES: AN EMPIRICAL STUDY	Prof. Karam Pal Narwal		05.05.2022	05.05.2022	08.02.2023
8	200100 090119	Ms. Geetika Pahuja	A STUDY OF CUSTOMER EXPERIENCE QUALITY ON BRAND FIDELITY	Dr. Rajiv Kumar		05.05.2022	05.05.2022	08.02.2023

9	200100 090121	Ms. Geeta Rani	A COMPARATIVE STUDY REGARDING ECONOMIC VIABILITY OF BEEKEEPING IN NORTHERN ZONE IN INDIA	Dr. Vanita Ahlawat		05.05.2022	05.05.2022	08.02.2023
10	200100 090123	Ms. Riya	EMPIRICAL ANALYSIS OF DIRECT TAX REFORMS IN INDIA WITH SPECIAL REFERENCE TO ECONOMIC GROWTH SINCE POST LIBERALISED ERA	Prof. Karam Pal Narwal		05.05.2022	05.05.2022	08.02.2023
11	200100 090130	Ms. Sheetal	EFFECT OF GREEN HRM PRACTICES ON JOB SATISFACTION AND ORGANIZATIONAL CITIZENSHIP BEHAVIOUR	Dr. Suresh Kumar Bhaker		05.05.2022	05.05.2022	08.02.2023
12	200100 090133	Ms. Shristi Singla	STUDY OF FINANCIAL PRACTICES USED BY KIRANA STORES IN HARYANA	Prof. Suresh Kumar Mittal		05.05.2022	05.05.2022	08.02.2023
13	200100 090134	Ms. Sonali Poonia	EFFECTIVENESS OF LOYALTY PROGRAMS IN ENHANCING CUSTOMER LOYALTY	Prof. Harbhajan Bansal		05.05.2022	05.05.2022	08.02.2023
14	200100 090131	Ms. Samriti	STUDY OF RELATIONSHIP AMONG EMPLOYEES' TRAINING, CREATIVITY, PERSONALITY AND ORGANISATIONAL COMMITMENT IN THE INDUSTRIAL SECTOR OF NATIONAL CAPITAL REGION	Prof. Anil Kumar		16.12.2021	16.12.2021	20.11.2023
15	210100 090102	Ms. Shweta	EXPLORING THE ANTECEDENTS AND IMPACT OF ONLINE IMPULSE BUYING BEHAVIOR	Dr. Mani Shreshtha		10.01.2023	10.01.2023	20.11.2023
16	210100 090103	MS. Divya Jain	EFFECT OF ORGANIZATIONAL FACTORS ON JOB PERFORMANCE: THE MEDIATING ROLE OF INNOVATIVE WORK BEHAVIOUR AND DIGITAL TRANSFORMATION	Dr. Himani Sharma		10.01.2023	10.01.2023	20.11.2023
17	210100 090105	Ms. Shreya Garg	AWARENESS AND PERCEPTION OF CONSUMERS, BEAUTY EXPERTS AND SERVICE PROVIDERS TOWARDS HERBAL COSMETICS: A STUDY OF HARYANA	Prof. V.K. Bishnoi		10.01.2023	10.01.2023	20.11.2023
18	210100 090106	Ms. Pooja Goyal	ROLE OF EMOTIONS IN CONSUMER DECISION-MAKING	Prof. H Bansal		10.01.2023	10.01.2023	20.11.2023

19	210100 090107	Ms. Parul	ROLE OF SHOWROOMING INTENTION AND ITS DRIVERS IN CREATION OF USER-GENERATED CONTENT: A CUSTOMERS' PERSPECTIVE	Dr. Ubba Savita		10.01.2023	10.01.2023	20.11.2023
20	210100 090110	Ms. Mohini	EFFECT OF WORKING CAPITAL MANAGEMENT ON DIVIDEND PAYOUT: AN ANALYSIS OF LISTED MANUFACTURING FIRMS IN INDIA	Dr. Shveta Singh		10.01.2023	10.01.2023	20.11.2023
21	210100 090112	Ms. Sunaina	AN ANALYSIS OF MODERATORS AND CONSEQUENCES OF POST-PURCHASE REGRET ACROSS CONSUMER GENERATIONS	Dr. Mani Shreshtha		10.01.2023	10.01.2023	20.11.2023
22	210100 090113	Ms. Neha	IMPACT OF CORPORATE GOVERNANCE AND INTELLECTUAL CAPITAL EFFICIENCY ON CORPORATE PERFORMANCE: A COMPARATIVE STUDY ON INDIAN MANUFACTURING AND SERVICE SECTOR	Prof. Karam Pal Narwal		10.01.2023	10.01.2023	20.11.2023
23	210100 090116	Ms. Nistha	USAGE OF SOLAR POWER IN AGRICULTURE: AN ANALYSIS OF USERS AND NON-USERS IN HARYANA	Dr. Vanita Ahlawat		10.01.2023	10.01.2023	20.11.2023
24	200100 090136	Ms. Pooja Mittal	A STUDY OF RELATIONSHIP AMONG ETHICAL CLIMATE, ORGANIZATIONAL PRIDE AND EMPLOYEE PERFORMANCE IN THE INDUSTRIAL SECTOR OF NORTHERN INDIA	Prof. Anil Kumar		10.01.2023	10.01.2023	20.11.2023
25	200100 090117	Ms. Garima Bansal	SERVANT LEADERSHIP AND EMPLOYEE MINDFULNESS IN RELATION TO THEIR PROSOCIAL SERVICE BEHAVIOR, ATTITUDINAL AND PERFORMANCE OUTCOMES	Prof. B.K. Punia		16.12.2021	16.12.2021	20.11.2023
Department of Applied Psychology								
1	200110 090107	Mr. Dinesh Kumar Kataria	Sexual Dysfunction and Marital Satisfaction in Females with Major Depressive Disorder and Anxiety Disorder	Prof. Rakesh Kumar Behmani	Prof. Sandeep Singh, GJUST, Hisar. Prof. O S Ramesh Deptt. of Psychiatry, LadyHardinge Medical College, New Delhi	24.08.2021	24.08.2021	08.02.2023

2	200110 090104	Ms. Manju Arya	PSYCHOSOCIAL EXISTENTIAL FULFILLMENT AND TECHNOLOGICAL EXISTENTIALISM INTERFACE: A CROSS-SECTIONAL STUDY	Prof. Jyotsana		04.07.2022	04.07.2022	20.11.2023
3	200110 090105	Mr. Amit	PSYCHOSOCIAL DETERMINANTS OF INTERNET ADDICTION AMONG ADOLESCENTS	Dr. Sanjay Kumar		20.12.2021	20.12.2021	20.11.2023
4	200110 090108	Mr. Hemant Kumar	MALE'S PERSPECTIVE RELATED TO PSYCHOSOCIAL STATUS OF FEMALES OF WESTERN HARYANA	Prof. Rakesh Kumar Behmani	Prof. Sunita Rani, (LBSNAA), Mussoorie	04.07.2022	04.07.2022	20.11.2023
5	190110 090105	Ms. Priyanka Verma	MENTAL HEALTH OF COVID-19 SURVIVORS: RISK AND PROTECTIVE FACTORS	Prof. Sandeep Singh	Prof. Rakesh Kumar Behmani, GJUS&T, Hisar	04.07.2022	04.07.2022	20.11.2023
Department of Pharmaceutical Science								
1	210120 190101	Ms. Bharti	Studies on pyran-annulated fused heterocyclic analogs and their biological evaluation	Dr. Archana Kapoor		27.02.2023	27.02.2023	20.11.2023
2	210120 190102	Ms. Alka Yadav	3-Aryl substituted pyrazole derivatives: Synthesis, biological evaluation and in silico studies	Dr. Vikramjeet Singh		27.02.2023	27.02.2023	20.11.2023
3	210120 190103	Ms. Rekha Tanwar	Synthesis, biological evaluation and computational studies of some heterocyclic compounds bearing indole moiety	Prof. Sandeep Jain/	Dr. Vikramjeet Singh	27.02.2023	27.02.2023	20.11.2023
4	210120 490101	Ms. Diksha Kataria	Phytopharmacological evaluation and development of herbal formulation for the management of peptic ulcers	Prof. Sumitra Singh		27.02.2023	27.02.2023	20.11.2023
Department of Electronics & Communication Engineering								
1	210150 090101	Ms. Pravesh Kumari	Investigations on Multitone Optical Communication Systems for RoF Applications	Prof. Sandeep K Arya	Dr. Vinod Kumar, Assistant Professor, GJUS&T, Hisar	29.05.2023	20.11.2023	29.05.2023
Department of Physiotherapy								
1	21017 00901 01	Mr. Amandeep Singh	Efficacy of Instrument Assisted Soft Tissue Mobilization, Thoracic Manipulation and Pressure Biofeedback in Mechanical Neck Pain	Dr. Shabnam Joshi		20.12.2022	20.12.2022	20.11.2023
2	210170 090102	Mr. Rahul	Effect of different exercise protocols on accuracy and performance parameters of archery athletes: A Randomized Controlled Trial	Dr. Jaspreet Kaur		20.12.2022	20.12.2022	20.11.2023

3	210170 090103	Ms. Preeti Sharma	Comparison of Thoracic Joint Mobilization Along With Breathing Exercises and Scapular Stabilization Exercises Along With Pectoral Muscles Stretching Exercises in Kyphotic Postpartum Females	Dr. Kalindi		20.12.2022	20.12.2022	20.11.2023
4	210170 090104	Ms. Monika	A Study on Comparative Effects of Yoga Therapy and Pilates Training on Cardiopulmonary, Psychological Parameters and Quality of Life in Premenstrual Syndrome	Dr. Kalindi		20.12.2022	20.12.2022	20.11.2023
5	210170 090105	Ms. Madhuri	Comparison of Anti-Pronation Taping Along With Short Foot Exercises and Proprioceptive Neuromuscular Facilitation Training in Flexible Flat Foot	Dr. Kalindi		20.12.2022	20.12.2022	20.11.2023
Department of Economics								
1	200180 090101	Ms. Aakanksha	AN INVESTIGATION INTO RETURNS TO EDUCATION IN INDIA	Dr. Narender Kumar Bishnoi		15.02.2023	15.02.2023	20.11.2023
2	200180 090103	Ms. Sushma Nain	IMPACT OF SOCIO-ECONOMIC CONDITIONS ON WOMEN HEALTH: AN EVALUATION OF RURAL HARYANA	Dr. Kiran Devi		15.02.2023	15.02.2023	20.11.2023
3	200180 090104	Ms. Komal Sharma	ROLE OF WOMEN IN DECISION MAKING IN DIFFERENT HOUSEHOLD ACTIVITIES: A STUDY FROM HARYANA	Dr. Kiran Devi		15.02.2023	15.02.2023	20.11.2023
4	200180 090105	Ms. Manisha Devi	INDIA-CHINA BILATERAL TRADE RELATIONSHIP: AN ANALYSIS	Dr. Lalit Sharma		15.02.2023	15.02.2023	20.11.2023
5	200180 090106	Mr. Sumit Kumar	IMPACT OF ENVIRONMENTAL ISSUES ON INDUSTRIAL LABOUR PRODUCTIVITY: A CASE STUDY OF THE TEXTILES INDUSTRY	Dr. Manoj Kumar		15.02.2023	15.02.2023	20.11.2023
6	210180 090102	Ms. Poonam Devi	AN ANALYSIS OF THE PERFORMANCE OF INDIAN TEXTILE INDUSTRY	Dr. Somnath		15.02.2023	15.02.2023	20.11.2023

Department of Religious Studies								
1	2102400 90101	Sadhvi Suneeti	वर्तमान समस्याओं के समाधान में भगवान महावीर स्वामी के धर्म दर्शन की उपादेयता	Prof. Kishna Ram Bishnoi		21.11.2022	21.11.2022	08.02.2023
2	2102400 90102	Sadhvi Suvriti	जैन धर्म में पर्यावरणीय चेतना एवं सतत् विकास की अवधारणा: एक विश्लेषणात्मक अध्ययन	Prof. Kishna Ram Bishnoi		21.11.2022	21.11.2022	08.02.2023

CHAPTER-10

TRAINING & PLACEMENT CELL

1. Eighty five companies including Quinbay Technologies Pvt. Ltd., Cognizant Pvt. Ltd., Shree Ganga Industries Pvt Ltd., Oji India Packaging Pvt. Ltd., HDFC Bank Agri, Busch Vacuum Pvt. Ltd., S.B. Packaging Pvt. Ltd. conducted the On-campus/Off-Campus placements for students in which 232 students got placements with salary package ranging from 2.0 LPA to 14 LPA.
2. Training & Placement Cell conducted various career awareness and capability enhancement activities throughout the year through various clubs like Speakathon Club, Aptitude Club, Coding Club, SSB Club, Industry Interaction Club & Competitive Exams Club running in mentorship of Cell.
3. Four days Offline Campus Recruitment Training Programme for Final Year students passing out in 2024 in partnership with Rubicon Skill Development Pvt. Ltd. was held in April 2023, in which 875 students participated.
4. One Week Inauguration cum Pre-Placement Talk of “ABHYAS: Mega Campus Drive” was conducted by UDBHAVANA Club held in Sept. 2022 by T&P Cell. Approx. 800 students participated in this event.
5. Fifteen Industry Interaction programs have been conducted for the students of MBA, CSE, EE, ECE, Chemistry, Pharmaceutical Science Departments in which eminent industry experts such as Mr. Samrat Singh Global Head Quality Management & Manufacturing Systems, Mr. Harinder Singh, Chief Scientific Officer at M/s Sarvbio Labs Pvt. Ltd., interacted with students and apprised them about latest industry trends. Approx. 896 students participated in these programs.
6. Five days MDP on “Digital Marketing” was organized in collaboration with MSME Bhiwani on November 2022.
7. Two Entrepreneurship programmes were conducted for the students of all B.Tech in which experts such as Ms. Manisha Mani CEO ABIC, CCSHAU Hisar delivered the talk. Approx. 100 students participated in these programs.
8. Seven 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. 350 students have participated in these events.
9. Forty six Weekly online aptitude tests (GWOAT) were conducted by Aptitude Club of T&P Cell for sharpening the aptitude skills of students, in which approx. 4621 students gave the test on topics like quantitative Analysis, English. Reasoning & General Awareness.
10. A new program Monthly Mock Interviews was started by Speakathon Club of T&P Cell. Approx. 420 students have Participated in these events.
11. Twenty two different programme Fortnightly Group Discussion, Story Telling Competition, Online Debating Competition, Story Telling Competition were conducted by Speakathon Club. Approx 796 students participated in these programs.
12. Three Seminar were conducted by International Studies Club under T&P Cell.
13. Two Coding tests have been conducted by Coding Club GJUST-CODERS under T&P Cell.
14. 4 Seminar/Webinar have been conducted under UDBHAVANA Module of T&P Cell by Mrs. Meenu Soni, Mr. Sourabh Soni, Dr. Pramod Sharma & Dr. Sathyapriya R Sreejith, Dr. Sanjeev Vasishth for skill enhancement of students.

Chapter-11

DIRECTORATE OF DISTANCE EDUCATION

The Directorate of Distance Education was established in 1997. Currently, the following ODL and Online programmes are offered by the Directorate of Distance Education for the session 2022-23 approved by DEB-UGC vide letter no. F. No. 1-2/2021 (DEB-I) dated 16.08.2021, F.No. 40-5/2022(DEB-II) (ODL) dated 27.10.2022 and F. No. 39-2/2023(DEB-I) dated 28.04.2023.

DIRECTOR OF DISTANCE EDUCATION

Sr. No.	Names	Designation	Phone Nos.	E-mail-IDs
1	Prof. Kuldip Bansal	Director	01662-263157	dde@gjust.org dde.gjust@gmail.com

Programme Details and admission in Session 2022-23

PROGRAMMES THROUGH DISTANCE MODE:-

The Directorate of Distance 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)

Admission Report of ODL Programmes for the Session 2022-23

Sr.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	M.A. (Mass Communication)	242	-	242
2	Master of Science (M.Sc.) (Mathematics)	75	64	139
3	Master of Business Administration (MBA)	399	-	399
4	Master of Commerce (M.Com.)	121	87	208
5	Master of Computer Applications (MCA)	101	-	101
6	Master of Arts (English)	119	-	119
6	B.A. (Mass Communication)	42	4	46
7	B.A.(Bachelor of Arts)	901	886	1787
8	B.Com (Bachelor of Commerce)	116	238	354
Total		2116	1279	3395

Admission Report of Online Programmes for the academic session July 2022

Sr.	Name of the Programme	Direct Admission	Admission through Study Centre	Total Admissions
1	Bachelor of Commerce – General	12	-	12
2	Master of Business Administration – Human Resource, Marketing (MBA)	115	-	115
Total		127	-	127

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 (CF) Assistant Professor (CF)
2.	Master of Arts (English)	Dr. Pallavi Dr. Astha Gupta	Assistant Professor Assistant Professor (CF)
3.	M.Sc. (Mathematics)	Dr. Vizender Singh Dr. Joginder	Assistant Professor Assistant Professor (CF)
4.	Master of Business Administration (MBA) (Through ODL Mode)	Dr. Poonam Kaushik Dr. Jitender	Assistant Professor (CF) Assistant Professor (CF)
5.	Master of Computer Application (MCA)	Er. Vinod Mr. Neeraj	Assistant Professor Assistant Professor (CF)
6.	Master of Commerce (M.Com.) B.Com. (Bachelor of Commerce) (ODL Mode)	Sh. Ankit Ms. Chand Kiran Ms. Simran Arya	Assistant Professor (CF) Assistant Professor (CF) Assistant Professor (CF)
7.	B.A. (Bachelor of Arts)	Prof. Vandana Punia Dr. Hemant Kalra Dr. Somnath (AC) Dr. Shakuntla Devi Ms. Ritu Chopra	Professor Assistant Professor Assistant Professor Assistant Professor (CF) Assistant Professor (CF)
8.	Master of Business Administration (MBA) and B.Com. (Bachelor of Commerce) (Through Online Mode)	Dr. Rajiv Tamak Dr. Jitender Kumar Prof. Suresh K. Mittal Mr. Rakesh Kumar	Associate Professor Assistant Professor (CF) Professor Assistant Professor (CF)
9.	MCA (5 Yrs. Integrated course)	Mrs. Kapila Ms. Ritu Chopra	Assistant Professor (CF) Assistant Professor (CF)

PROGRAMMES CONDUCTED BY THE DIRECTORATE OF DISTANCE EDUCATION, GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

1. First **One Week Online Academic Orientation Programme** was organized by the Directorate of Distance Education in the month of November/December 2022 for the students admitted at the Directorate of Distance Education for the session 2022-23.
2. **Online mentoring session of one hour per week** has been organized for the students of all Programmes for ODL and Online programme.
3. For the admitted students, the Directorate of Distance 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.
4. The Directorate of Distance Education has started new programme namely M.A. (English) through Open and Distance Learning (ODL) mode from the session 2022-23.

5. The Directorate of Distance Education is at present offering **09 jobs oriented programmes** including MBA and B.Com. (Online Mode) which are approved by the UGC (DEB).

Administrative Staff details

Dy. Registrar	- 01
Supdt.	- 02
Hindi Officer	- 01
Assistant	- 05 (Regular – 03, On Superannuation basis – 02)
Clerk	- 15 (Regular – 02, On contract basis – 13)
Lab Attendant	- 01 (On contract basis)
ATO	- 01
Storekeeper	- 01
Programmer	- 03 (Regular – 02, On contract basis - 01)
Peon	- 04 (Regular – 01, On contract basis – 03)

List of Study Centre for 2022-23 session

Sr. No.	Study Centre Code	Study Centre Name	Courses
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. 9996850047, 9215839001 9728101040, 9466148484 Email: info.gdgc@gmail.com	B.A., B. Com.,
3.	4104	Asha Girls College, Panihar Chack, Hisar Mob. No. 9215547280, 9416547280 Email: drvkmaiya@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

Sr. No.	Description
1	The 11 th meeting of the IQAC was organized on 27/01/2023 under the Chairmanship of the Hon'ble Vice-Chancellor
2	The NAAC Peer Team visited this University from 10-12 October 2022 for assessment and accreditation of the University for the 4 th cycle.
3	The University has been first time accredited with A+ Grade with a score of 3.38 CGPA in the 4 th Cycle of assessment and accreditation from NAAC for a period of 05years w.e.f. 18.10.2022.
4	The University was ranked 101-150 Rank in the NIRF Rankings 2023 in the University Category.
5	The University was ranked 49 th Rank Band in the NIRF Rankings 2023 in the Pharmacy Category.
6	The University was ranked 100 th Rank in the NIRF Rankings 2023 in the Management Category.
7	The University has been ranked 1001-1200 Rank Band in the Times Higher Education World University Rankings 2023.
8	The University has been ranked 601-800 Rank Band in the 'Physical Science subject category rankings by the Times Higher Education World University Rankings 2023.
9	The University has been ranked 301-400 Rank Band in the 'Asia University Rankings category rankings by the Times Higher Education World University Rankings 2023
10	The University has been ranked 301-400 Rank Band in the Emerging Economics Rankings' category rankings by the Times Higher Education World University Rankings 2023
11	The University has applied for UI Green Metric World's Most Sustainable University Rankings.

CHAPTER-13

Office of the Dean International Affairs List of Foreign Students

List of Admitted Foreign Students of Ph.D Programme

Sr. No.	Name	F/Name	Regn. No.	Course Name	Country
1	Solomon	Shiferaw Hurisa	180060080003	Ph.D. Mathematics	Ethiopia
2	Getu	Getu Endale	190070090119	Ph.D Physics	Ethiopia
3	Tesfaye	Mokonnen Sifan	190100090169	Ph.D Management	Ethiopia
4	Tilahun kidane	Kidane Diko Adil	190100090170	Ph.D Management	Ethiopia
5	Bahareh dabaghiannejad	Abdolazize	190150090002	Ph.D (ECE)	Iran
6	Solomon	Zerfu	210060090101	Ph.D Mathemtics	Ethiopia

List of Admitted Foreign Students of UG/PG Programmes

1	Ashok Chaudhary	Shambhu Chaudhary	190161620008	B.Tech. Mechanical	Nepal
2	Simran Kumar	Devinder Kumar	190010130047	B.Tech. (C.S.E)	USA
3	Sevika Dhakal	Krishan Prased Dhakal	220101010060	MBA (GEN)	Nepal

CHAPTER-14

UGC - HUMAN RESOURCE DEVELOPMENT CENTRE

I. Name : UGC - Human Resource Development Centre

II. Year of establishment : 2009

III. Vision: To Facilitate Human Devolvment and Professional Excellence in Academics.

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

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.	Faculty Induction Programmes	00
2.	Subject Refresher Programme	02
3.	Interdisciplinary Refresher Programme	00
4.	Short Term Courses (Teachers)	03
5.	Short Term Courses (Non-Academic Staff)	01
6.	Short Term Courses (Research Scholars)	01
7.	Summer/Winter School	00
8.	RUSA Sponsored Short Term Programme (Faculty and Research Scholars)	00
9.	Webinars	00
10.	Professional Development Programme	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)	h-Index
1.	Prof. V. K. Bishnoi	Director (01.07.2022 to 17.03.2023)	Ph. D.	> 26	8
2.	Prof. Neeraj Dilbaghi	Director (20.03.2023 to Till Date)	Ph. D.	> 26	52
3.	Prof. Vandana Punia	Professor	Ph. D.	> 22	6
4.	Mr. Anurag Sangwan	Assistant Professor	M. Tech.	9	3

VI. Office Staff Detail:

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

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

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

b. Participant's Detail in respect of Subject Refresher Programmes:

Sr. No.	Course Title	Duration	Total Number
1.	Library and Information Sciences	01.09.2022 to 14.09.2022	27
2.	Commerce, Economics & Management	10.11.2022 to 23.11.2022	36

c. Participant's Detail in respect of Interdisciplinary Refresher Programmes: NIL

d. Participant's Detail in respect of Short Term Courses (Teachers):

Sr. No.	Course Title	Duration	Total Number
1.	Mindfulness for Well Being and High Performance	17.10.2022 to 22.10.2022	22
2.	Leadership Development Programme	19.12.2022 to 24.12.2022	35
3.	Advanced Instructional Strategies in Virtual Classroom	20.02.2023 to 22.02.2023	28

e. Participant's Detail in respect of Short Term Courses (Non-Academic Staff):

Sr. No.	Course Title	Duration	Total Number
1.	Professional Development Programme for Non-Teaching Staff	08.06.2023 to 10.06.2023	25

f. Participant's Detail in respect of Short Term Courses (Research Scholars):

Sr. No.	Course Title	Duration	Total Number
1.	Interaction Programme for Ph.D. Scholars	18.07.2022 to 23.07.2022	66

g. Participant's detail in respect of RUSA sponsored Short Term Programmes: NIL

h. Participant's detail in respect of Webinars

Sr. No.	Course Title	Duration	Total Number
1.	National Education Policy 2020: Changing Role of Teachers	09.09.2023	35

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).

- Completed UNESCO sponsored project on development of Open Education Resource (OER) for which I have been invited to present the same at University of Nova Gorica and UNESCO Chair at Slovenia (Europe) with full Travel Grant in September, 2022.

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

Books	Research Papers		Research Papers		Other Articles
	(International Foreign)	National (Indian)	Referred	Non-Referred	
01	01	04			

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

a. Books

Type of			Authors	Title	Year of Publication	Publisher
Books	Book Chapter	Monograph				
Open book		----	Prof. Vandana Punia	Emergency Remote Teaching: Response of Pandemic Pedagogy	2022	OER COMMONS https://oercommons.org/courses/emergency-remote-teaching-response-of-pandemic-pedagogy-as-a-new-normal-teaching

b. Papers

Author/s	Year	Title of Paper	Name of Journal	Vol. & No.	pp.	Publisher
Prof. Vandana Punia	2022	1. Workplace Implications of Psychological Empowerment on Emotional Exhaustion: Review and Outlook 2. Effect of School Intervention Programme on Nurturing Spiritual Development among School Students with reference to School Assemblies: An Indian Context" 3. Flipped Classroom in Teacher Education: A Review Between 2017 and 2022, 4. Will Artificial Intelligence (AI) Overpower Human Intelligence (HI)? A Peep into Future Business and Education	Delhi Business Review <i>Educational Quest- An International Journal of Education and Applied Social Sciences</i> , <i>Dogo Rangsang Research Journal</i> , Amity Management Analyst	23& 2 14&1 Vol.13, Issue 6 IX (1), Jan-June	33-42 1-9 26-137 5-16	Society for Human Transformation & Research New Delhi Publishers <i>Dogo Rangsang University Care List</i>
Poonam Punia*, Anupma Sangwan and Anurag Sangwan	2022	Determinants of Teacher's Attitude towards Online Teaching and Learning https://doi.org/10.5430/jct.v11n8p134	Journal of Curriculum and Teaching eISSN: 1927-2685	11 (8)	134-147	SCIEDU Press

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:

Positions	Attended			Papers presented		
	International	National	Total	International	National	Total
Professor	02		02	01	-	01
Assistant Professors	-	01	01	-	-	-

b. International Conferences/Seminar/Workshop:

Name of the Teacher	Title of the Paper presented	Theme of the Conference/ Seminar/ Workshop	Name of the Host organization	Place	Dates
Prof. Vandana Punia	Participation workshop	<i>Achieving Excellence in Analysis</i>	Department of Educational Technology, SNTD, Women University, Mumbai	Mumbai	May 25-27, 2022
	Participation webinar	<i>“Post Digital Teaching and Learning”</i>	Erasmus+ Bridges, Future Education Mundena,	Dr. Tel Amiel Josef Stephan Institute	March 23, 2023

c. National Conferences/Seminar/Workshop: NIL

d. Regional/ State Level Workshops/Seminars/Conferences: NIL

e. Total Number of Refresher/Orientation Programmes attended:

- i. Refresher programmes: 0
- ii. Orientation Programmes : --
- iii. MOOC : 01
- iv. Total : 01

f. Refresher/Orientation Programmes/MOOC:

Name of the Teacher	Title of Programme	Name of the Host organization	Department	University	Dates
Mr. Anurag Sangwan	Online Professional Development Programme on 'Implementation of NEP 2020 for University and College Teachers'	IGNOU, New Delhi	STRIDE	IGNOU, New Delhi	21 st to 29 th September, 2022

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	Till Date
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:

- Member of Board of NCC Studies of Centre for NCC, JCBUST (YMCA), Faridabad w.e.f. 05.07.2022 to till date.

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	Emerging Trends and Researches in Professional Development of Faculties in Multidisciplinary Domains"	JCD Vidyapeeth Sirsa in collaboration with Conference World	May 27,2023

Keynote Speaker	Pedagogical Innovations-NEP 2020"	Department of Education B.P.S. Mahila Vishwavidyalaya Khanpur Kalan, Sonipat	March 24,25 2023
Resource Person	2-week Refresher Course on the theme Higher Education: National Policy and Implementation	HRDC, Panjab University, Chandigarh	July 6, 2022
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	Teaching Learning Centre under PMMMNMTT Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth (New Delhi	February 17, 2023
Keynote Speaker	National Seminar on Paradigm Shift in Education in the Post COVID World	BCM College of Education, Ludhiana in collaboration with College Development Council, Panjab University, Chandigarh	February 21, 2023

Mr. Anurag Sangwan

Type	Topic	Session	Description	Dates
Resource Person	Use of Microsoft Word for Research Writing	02	One Day Workshop on 'Use of Microsoft Word for Research Writing' organized by Office of PhD programme, CURIN, Chitkara University, Punjab	23 rd Aug., 2022

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

Name of Teacher	Additional Positions	Duration	
		From	To
1. 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 ,GJUST, Hisar	2022	Till Date
	Chairperson, Department of Education	2023	Till Date
2. Mr. Anurag Sangwan	CTO, NCC	15 Feb 2021	30.5.23
	University Coordinator for AICTE Sponsored PDPs for Non Academic Staff	27 Sep. 2021	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):

- **Prof. Vandana Punia got Chankya Award 2023, by The Core Committee ICERT (March 25, 2023).**

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 INSPPIRARTIONS”. <https://hrdcascgju.blogspot.com/>.

UGC - HUMAN RESOURCE DEVELOPMENT CENTRE

- I. Total no. of Research Papers published:
 - a. National: 04
 - b. International: 01
- II. Total no. of Funded Research Projects:
 - a. Completed: 01
 - b. On Going: 01
- III. Total no. of Participated and Contributed Research Papers in Seminars & Conferences:
 - a. National Level: 01
 - b. International Level: 03
- 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: 69

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 NCC	Ph.D
2.	Dr. Meenakshi Bhatia	Teacher Incharge (G)	Ph.D

VI. Office Staff Detail:

Sr. No.	Name	Designation	Qualification
1.	Ms. Manisha	Instructor	B.Tech. - MBA
2.	Mr. Raj Kamal	Clerk	M.Com.
3.	Sh. Jagmohan	Peon	12 th

VII. Enrollment Details of Cadets:

Enrolment of Army Girls in the session 2022-23:

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR22SWA257600	Cadet	Poorvi Yadav	Rakesh Kumar	Monika Yadav
2	HAR22SWA257601	Cadet	Khushi Sujlana	Avninder Singh Sujlana	Inderpreet Sujlana
3	HAR22SWA257602	Cadet	Payal	Pawan kumar	Anita
4	HAR22SWA257603	Cadet	Mahak	Krishan Pal	Anita Devi
5	HAR22SWA257604	Cadet	Priyanka	Balraj	Kamlesh
6	HAR22SWA257605	Cadet	Priti Kumari	Kuldeep	Babli Rani
7	HAR22SWA257606	Cadet	Garima	Ramesh Kumar	Ram Bhateri
8	HAR22SWA257607	Cadet	Meenu Devi	Rajender	Sunita
9	HAR22SWA257608	Cadet	Nitika	Arjun dutt	Kirahana
10	HAR22SWA257609	Cadet	Sanjana	Subhash Chander	Nirmala
11	HAR22SWA257610	Cadet	Komal	Naresh Kumar	Anita
12	HAR22SWA257611	Cadet	Ravija	Dharmbir Singh	Savita Devi
13	HAR22SWA257612	Cadet	Muskan	Manoj	Pushpa

Enrolment of Air Wing (Boys & Girls) in the session 2022-23:

Sr. No	NCC No.	Rank	Name	Father's Name	Mother's Name
1	HAR/22/SDF/268776	Cadet	Govind dhanda	Randhir Singh	Krishna devi
2	HAR/22/SDF/268777	Cadet	Sahil	Rakesh Yadav	Rekha Yadav
3	HAR/22/SDF/268778	Cadet	Yaman kumar	Rajesh Kumar	Parmila Kumari
4	HAR/22/SWF/268779	Cadet	Khushi Kundu	Kuldeep Kumar Kundu	Aneeta
5	HAR/22/SWF/268780	Cadet	Sakshi	Jagbir	Bhagirathi

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

1. NCC, GJUS&T, Hisar has organized an Online 'Poem Recitation' competition on Kargil Vijay Diwas to commemorate our Martyrs on 26 July, 2023.. 25 cadets participated in that competition
2. NCC, GJUS&T, Hisar of our university organised a flag hoisting ceremony at the University campus from 12 to 15 August 2022 under theme Azadi ka Amarti Mahotsav 'Har Ghar Tiranga' campaign was a people's movement where everyone had come together in unity and displaying the National Flag. A total of 60 cadets from Army and Air wing participated in the campaign.
3. Independence Day of India is celebrated every year on 15th August. In this campaign, Parade was conducted by NCC Cadets of GJUS&T, Hisar on 15.08.2022, in which 55 NCC cadets had been participated.
4. NCC cadets give guard of honor to the NAAC peer team on 10.10.2022 on eve of NAAC inspection peer team visit in the presence of Vice-Chancellor.
5. Annual Training Camp organised by 3 Haryana Girls Battalion NCC at K.D.S. International School, Uklana, Haryana. Cadet Himanshi of GJUS&T, Hisar has been participated in this camp from 14-10-2022 to 21-10-2022.
6. National Unity Day was celebrated on 31/10/2022 by NCC, GJUS&T, Hisar on the occasion of Sardar Valabh Bhai Patel's 147th Birth Anniversary.
7. Annual Training Camp of 3 Haryana Battalion NCC, Hisar was organized at Shri Krishna Pranami Public School, Siwani from 07/11/2022 to 14/11/2022. 12 cadets of GJUS&T, has participated in this camp.
8. NCC, GJUS&T, Hisar was organized a "Poster Making Competition" on 30/11/2022. 32 cadets participated in this competition.
9. NCC, GJUS&T, Hisar was celebrated Fit India Week. A total of 65 cadets from Army wing & Air wing participated in the camp from 5th December to 9th December, 2022.
10. GJUS&T, Hisar has celebrated the 74 Republic day on 26 January, 2023 at Maharana Pratap Stadium, GJUS&T, Hisar. 55 cadets of NCC have participated in this parade.
11. NCC, GJUS&T, Hisar was organized "Quiz Competition" on 12.04.2023 in which 30 NCC cadets participated in this activity.
12. 10-Day Basic Leadership Camp organized by 6 Punjab Girls Battalion NCC at Malot, Punjab. Cadet Lakshmi of GJUS&T, Hisar has been participated in this camp from 24-04-2023 to 05-05-2023.
13. NCC, GJUS&T, Hisar (Haryana) was organized a Cleanliness Drive at Jambheshwar Bhawan, Human Resource Centre, GJUS&T, Hisar on 05 May, 2023 in which 40 NCC cadets participated in this activity.
14. NCC, GJUS&T, Hisar (Haryana) has conducted a Seminar on Disaster Management at Hall No. 2 Ch. Ranbir Singh Auditorium, GJUS&T, Hisar on 05 May, 2023 in which 40 NCC cadets participated in this activity.
15. GJUS&T, Hisar has celebrated 9th International Yoga Day under the theme 'Yoga for Vasudhaiva Kutumbakam on 21st June at Fragrance Garden, GJUS&T, Hisar.. On this Yoga Day, NCC cadets has been participated and also performed Yoga.
16. NCC, GJUS&T, Hisar has been taken lifestyle for environment pledge on 13 July 2023. (I pledge to make all possible changes in my daily life to protect the environment. I also commit to continuously motivate my family, friends and others about the importance of environmentally friendly habits)

CHAPTER-16

DIRECTORATE OF SPORTS

Result of Inter College Tournaments (17-11-2022 to 31-03-2023):

Inter College Game:				
Sr. No.	Game	Date	Venue	Results
1.	Football (M)	17-11-2022 to 18-11-2022	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. PG College, Hisar
2.	Cross Country (M)	21-11-2022	GJUS&T, Hisar	1 st Govt. College, Hansi 2 nd CRM Jat College, Hisar 3 rd Govt. PG College, Hisar
3.	NS Kabaddi (M)	23-11-2022 to 24-11-2022	CRM Jat College, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. College, Nalwa 3 rd Govt. PG College, Hisar
4.	NS Kabaddi (W)			1 st CRM Jat College, Hisar 2 nd MLB College, Bhiwani Rohilla 3 rd F.C College, Hisar
5.	Yoga (W)	28-11-2022	D.N College, Hisar	1 st F.C College, Hisar 2 nd Govt. PG College, Hisar 3 rd Govt. College, Hansi
6.	Chess (M)	29-11-2022 to 30-11-2022	GJUS&T, Hisar	1 st UTD, GJUS&T, Hisar 2 nd Govt. PG College, Hisar 3 rd D.N College, Hisar
7.	Chess (W)			1 st D.N College, Hisar 2 nd F.C College, Hisar 3 rd Govt. College, Hansi
8.	Basketball (M)	29-11-2022 to 30-11-2022	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd D.N College, Hisar
9.	Basketball (W)			1 st UTD, GJUS&T, Hisar 2 nd Govt. PG College, Hisar 3 rd D.N College, Hisar
10.	Volleyball (M)	01-12-2022 to 02-12-2022	Govt. PG College, Hisar	1 st Govt. PG College, Hisar 2 nd CRM Jat College, Hisar 3 rd FGM Govt. College, Adampur
11.	Volleyball (W)			1 st Govt. PG College, Hisar 2 nd CRM Jat College, Hisar 3 rd Govt. College, Hansi
12.	Athletic (M)	06-12-2022 to 07-12-2022	GJUS&T, Hisar	1 st CRM Jat College, Hisar 2 nd Govt. College, Hansi 3 rd City College of Education, Hisar
13.	Athletic (W)			1 st Govt. PG College, Hisar 2 nd CRM Jat College, Hisar 3 rd Govt. Women College, Hisar
14.	Handball (M)	09-12-2022 to 10-12-2022	Govt. PG College, Hisar	1 st CRM Jat College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. PG College, Hisar
15.	Table Tennis (M)	13-12-2022	D.N College, Hisar	1 st UTD, GJUS&T, Hisar 2 nd D.N College, Narnaund 3 rd Govt. College, Narnaund
16.	Cricket (M)	07-02-2023 to 09-02-2023	GJUS&T, Hisar	1 st D.N College, Hisar 2 nd UTD, GJUS&T, Hisar 3 rd Govt. College, Mangali

Inter University Positions/Participations (21-11-2022 to 31-03-2023):

Sr. No.	Game	Date	Venue	Results
1.	NZIU Football (W)	21-11-2022 to 27-11-2022	GNDU, Amritsar	Team Secured – 1st position and qualified for AIIU
2.	NZIU NS Kabaddi (M)	06-12-2022 to 11-12-2022	MDU, Rohtak	Participation
3.	NZIU NS Kabaddi (W)	07-12-2022 to 10-12-2022	BPSMV, Sonipat	Participation
4.	NZIU Football (M)	16-12-2022 to 24-12-2022	LPU, Jalandhar	Participation
5.	NZIU Volleyball (W)	17-12-2022 to 21-12-2022	Chitkara University HP	Participation
6.	NEZ Athletics (M&W)	20-12-2022 to 23-12-2022	KIIT, Bhubaneswar	Seema- 2nd (Javelin Throw)
7.	AIIU Archery (M&W)	23-12-2022 to 28-12-2022	GKU, Bhatinda	Women Team- 2 nd (Recurve Round) Women Team- 3 rd (Indian Round) Sangeeta- 3 rd (Recurve Individual) 70 mtr. Sangeeta- 3 rd (Recurve Individual) 70 mtr-II Sangeeta- 3 rd (overall)
8.	NZIU Basketball (M)	25-12-2022 to 30-12-2022	JMI University, New Delhi	Participation
9.	AIIU Yoga (M&W)	26-12-2022 to 29-12-2022	KIIT, Bhubaneswar	Men Team- 1 st Ram Goswami- 1 st (Individual) Praveen Kumar - 2 nd (Individual) Amit- 3 rd (Individual)
10.	AIIU Boxing (W)	26-12-2022 to 01-01-2023	MDU, Rohtak	Kusum- 2 nd (66-70 kg weight) Shaaluu- 3 rd (46-48 kg weight) Neetu Rani- 3 rd (48-50 kg weight)
11.	AIIU Taekwondo (M)	03-01-2023 to 06-01-2023	GNDU, Amritsar	Participation
12.	NZIU Table-Tennis (M)	02-01-2023 to 04-01-2023	D.U, New Delhi	Participation
13.	NZIU Basketball (W)	02-01-2023 to 07-01-2023	MBSPU, Patiala	Participation
14.	AIIU Judo (M)	02-01-2023 to 06-01-2023	LPU, Jalandhar	Participation
15.	AIIU Judo (W)	05-01-2023 to 12-01-2023	LPU, Jalandhar	Participation
16.	AIIU Wrestling (W)	06-01-2023 to 09-01-2023	SBPU, Pune	Simran- 3 rd (62 kg weight Category)
17.	AIIU Taekwondo (W)	03-01-2023 to 06-01-2023	GNDU, Amritsar	Participation
18.	AIIU Football (W)	12-01-2023 to 17-01-2023	LNIP, Gwalior	Team Secured – 3 rd
19.	AIIU Karate (M&W)	17-01-2023 to 22-01-2023	ABVU, Bilaspur	Overall Champion (Men) team Sagar- 1 st (-50 kg weight category) Vinay- 1 st (-67 kg weight category) Rohit- 2 nd (+84 kg weight category) Aarushi- 3 rd (+68 kg weight category)

20.	AIJU Wrestling FS (M)	22-01-2023 to 24-01-2023	SU, Kolahpur	Deepak- 3 rd (74 kg weight Category)
21.	AIJU Wrestling GR (M)	27-01-2023 to 29-01-2023	SU, Kolahpur	Participation
22.	AIJU Weight Lifting (W)	27-01-2023 to 29-01-2023	University of Calicut, Calicut	Participation
23.	AIJU Chess (W)	07-02-2023 to 09-02-2023	DU, New Delhi	Participation
24.	AIJU Wushu (M&W)	07-02-2023 to 11-02-2023	CU, Mohali	Ravina- 3 rd (48 kg weight category) Neeraj- 2 nd (75 kg weight category) Raju- 2 nd (48 kg weight category)
25.	AIJU Cross Country (M&W)	12-02-2023	Presidency Uni. Bangalore	Participation
26.	AIJU Chess (M)	13-02-2023 to 15-02-2023	DU, New Delhi	Participation
27.	NZIU Handball (W)	14-02-2023 to 17-02-2023	CRSU, Jind	Team Secured – 3 rd and qualified for AIJU
28.	NZIU Cricket (M)	23-02-2023 to 04-03-2023	KU, Kurukshetra	Participation
29.	AIJU Korfball (Mix)	07-03-2023 to 10-03-2023	Apex University, Jaipur	Participation
30.	AIJU Power Lifting (W)	09-03-2023 to 12-03-2023	Central University, HP	Komal- 2 nd (52 weight category)
31.	NZIU Handball (M)	10-03-2023 to 14-03-2023	KU, Kurukshetra	Participation
32.	AIJU Weight Lifting (M)	15-03-2023 to 18-03-2023	CU, Mohali	Participation
33.	AIJU Pencak Silat (M&W)	24-03-2023 to 26-03-2023	GNDU, Amritsar	Ankush- 3 rd (-55 weight category) Priyanka- 3 rd (-45 weight category) Sonia- 3 rd (-65 weight category)
34.	AIJU CS Kabaddi (M)	06-04-2023 to 08-04-2023	CDLU, Sirsa	Team Secured – 1 st
35.	AIJU Shooting (M)	01-04-2023 to 05-04-2023	SBU, Meerut	Participation
36.	AIJU Shooting (W)	05-04-2023 to 09-04-2023	SBU, Meerut	Participation

CHAPTER-17

National Service Scheme (NSS)

1. Seven Day Camp (25-07-2022 to 31-07-2022)

The National Service Scheme of Guru Jambheshwar University of Science and Technology, Hisar organized a Seven Day Special Camp from 25-07-2022 to 31-07-2022 at village Mirzapur. Inauguration of the camp was done by Prof. Avnesh Verma, Registrar, GJUS&T Hisar and the guest of Honour was Prof. Vinod Bishnoi, GJUS&T Hisar.

In this camp student enjoyed and participated in various competitions like clay modeling, essay writing, poster making, slogan writing, and declamation. Next 5 days volunteers organized cleanliness drive in the Senior Secondary School of village Mirzapur and planted 70 plants in the school campus in the morning and cultural activities in the evening. After cleanliness drive and plantation volunteers organized rallies on 3 different days on varied issues like 'Save Water', 'Save Girl Child', 'Save environment' and 'Say No To Drugs'. On day 6 volunteers surveyed the problems which the people of village come across in their day to day living. All the volunteers were divided into teams for the survey so as to cover every region of the village. After their activities in village, volunteers reported in seminar hall for lectures where they were enlightened about various topics. Dr. Sanjay Parmar taught the volunteers about ill effects of drug abuse and its addiction. Advocate Vikram Mittal taught the volunteers about cyber-crime and preventive measures. Shrimati Rajrani Malhan emphasized on the importance of culture and heritage of rural Haryana, she explained the difference between culture of India and other countries. Shri Vimal Nagpal enlightened the volunteers with the ways to invest their hard earned money. He highlighted the GDP increase of India. Dr Ashwani Kumar, program coordinator, NSS, GJU and other program officers Mrs. Anju Gupta, Dr. Vikramjit, Dr. Jyoti, Dr. Hemant Kalra, Dr. Sunil Kaushik, Dr. Mohit Anand, Dr. Lalit and Mr. Dalbir and Mrs. Sudesh Sharma made it easy and possible for the volunteers to interact with the people of village and ensured the successful completion of the Camp.

2. Har Ghar Tiranga(09 to 15 August,2022)

National Service Scheme of Guru Jambheshwar University of Science and Technology, Hisar participated in Har Ghar Tiranga Campaign from 8th August, 2022 to 15th August, 2022 (Iconic week) with extraordinary zeal and enthusiasm. The NSS Volunteers and University staff took Pledge for hoisting Tiranga and NSS volunteers distributed Tiranga to the university staff through four stalls on 8th, 9th and 10th August. On 10th August under “Har Bhawan Tiranga” programme the tricolor was hoisted on university entrance gates and 42 office buildings. The university organized “Tiranga Yatra” on 12th August in university campus and Hisar City. In this event NSS volunteers were main driving force. From 13th to 14th August the NSS volunteers visited the residential sites in the university campus for distribution of Flags and for assistance in its proper hoisting. In Independence Day Function the contingent of 25 NSS volunteers took part in march-past. The NSS volunteers invited old age people born before 15th August, 1947 along with tricolor on 13th and 14th August. The volunteers facilitated old age people during Independence Day Function for their sitting arrangements. Around 75% of the invited old age person attended the Independence Day Function.

3. Rashtriya Poshan Maah (14-09-2022)

During of 'National Nutrition Month', elocution, slogan writing and poster making competitions were organized under the banner of National Service Scheme of Guru Jambheshwar University of Science and Technology, Hisar. Worthy Registrar Prof. Avnesh Verma attended the event as Guest of Honor. Dr. Pragya Kaushik and Dr. Narendra Chauhan were the judges of the competitions. Dr. Monica Jain, Prof. of Anatomy, Maharaja Agrasen Medical College, delivered a lecture on the topic 'Nutrition for all'. Physiotherapist, Dr. Shalu Rani gave lecture on 'Yoga for Healthy Life' and Dietician, Mrs. Anuradha gave lecture on 'Balanced Diet'. NSS Program Officers Dr.

Anju Gupta, Dr. Hemant, Dr. Vikramjeet Singh and Program Coordinator Dr. Ashwani Kumar ensured the successful completion of the event. In the speech competition, Shiva from Hindi Department secured first position and Lalit from Electrical department secured second position. In the slogan writing competition, Sunil from Mechanical Department secured first position and Shweta from Civil Department secured second position. In the poster making competition, Sarita from Physics department secured first position and Sonika from Pharmaceutical department secured second position.

4. Blood Donation Camp (27-09-2022)

Blood donation camp was organized by National Service Scheme at Guru Jambheshwar University of Science and Technology, Hisar on 27th September, 2022 with a strong emphasis on the importance of voluntary blood donation. The camp was organized by NSS as part of its social responsibility campaign. Hon'ble Vice Chancellor of GJUS&T, Prof. Baldev Raj Kamboj, said that the university is fulfilling its social responsibilities along with academic, sports and cultural responsibilities very well. On this occasion, the Registrar of the University, Prof. Avnesh Verma was also present. Chief guest, Prof. Baldev Raj Kamboj said that even a single drop of blood donated can help save someone's life. He praised National Service Scheme of the University for organizing this camp. Registrar Prof. Avnesh Verma said that the university has been continuously organizing blood donation camps for several years. This camp will be helpful in making students more responsible towards the society. NSS Coordinator Dr. Ashwani Kumar said that 273 units of blood were donated in the camp. It was encouraging to see 24 girl students amongst the blood donors. The medical team led by Dr. Sarvek Bajaj of MAMC, Agroha collected 120 units of blood and the team of Civil Hospital, Hisar led by Dr. Yogesh collected 153 units of blood.

5. Communal Harmony Week (19th to 25th November, 2022)

National Service Scheme of GJUS&T, Hisar celebrated the National Communal Harmony Day. It is a significant occasion that celebrates the unity, diversity and mutual respect that form the cornerstone of our society. Volunteers were divided into teams to collect fund from teachers, students and residents of campus. A total fund of Rs. 23,290 /- was collected and given to the National Foundation of Communal Harmony. Communal Harmony Day reaffirms our commitment to preserving and celebrating this diversity.

6. International AIDS Day (01-12-2022)

On December 1st, 2022, Guru Jambheshwar University of Science and Technology, Hisar, commemorated World AIDS Day through a Red Ribbon Campaign organized by the National Service Scheme (NSS). This event aimed to raise HIV/AIDS awareness and promote solidarity. 40 NSS volunteers actively participated in this campaign. Red ribbons were pinned to teachers, students, and security guards. The event generated discussions and increased awareness about HIV/AIDS on campus. This effort marked the NSS volunteers' commitment to addressing public health issues and fostering a more informed and compassionate community.

7. National Youth Day (12-01-2023)

National Service Scheme of GJUS&T, Hisar celebrated National Youth Day on 12th January, 2023 to commemorate the birthday of Swami Vivekananda, one of the India's greatest spiritual and youth icons. The event began with lamp lighting and volunteers paid homage to Swami Vivekananda. A documentary on his life was shown to volunteers who encouraged them to contribute positively to society. The event concluded with renewed enthusiasm and a commitment to applying the principles of self-confidence, knowledge and service to make a meaningful impact on the nation.

8. National Voters Day (25-01-2023)

On the occasion of National Voter's Day on 25th January, 2023, volunteers of National Service Scheme of Guru Jambheshwar University of Science and Technology, Hisar were motivated to inspire youth of the university by reminding them the fundamental principles upon which our democratic nation is built and the power of its citizen's voice. 20 volunteers of NSS dedicated their day in honoring the importance of voting by making the youth thorough with their right to vote and encouraged the participation of eligible citizens in the electoral process. The inspired youth along with the volunteers took an oath as a promise to themselves and the nation to vote wisely and use their privilege of choosing the right candidates in elections.

9. University Level Seven Day Camp (30-01-2023 to 05-02-2023)

NSS Unit of Guru Jambheshwar University of Science and Technology, Hisar organized Seven Days University Level Camp from 30th January, 2023 to 5th February, 2023 on the theme "Kutumb". 200 NSS Volunteers and 14 Programme Officers from 14 affiliated Colleges and UTD registered themselves on the 1st Day of Camp. Volunteers learnt different activities by participating in this camp.

On Day 1, Prof. BR Kamboj, Vice Chancellor GJU & HAU hoisted the flag and then addressed the Volunteers, congratulated them for 1st University Level Camp and encouraged them for further participation in future NSS Events. After the Inaugural ceremony, Dr. VK Bishnoi, Director HSB & Human Resource Development center addressed the Volunteers on the special occasion. Then Mrs. Anju Gupta instructed Volunteers about camp activities, rules and regulations and conducted ice breaking and Team Division.

On Day 2 Volunteers walked for Prabhat Pheri and reached for Yoga session. Dr. Munish Ahuja guided the Volunteers about their life choices during his lecture Science of Manifestation and Dr. Sanjay Parmar spread awareness among Volunteers about drugs and how youth is affected by those substances. Team Badrinath, Gangotri and Neelkanth showcased their talent during the cultural evening.

On Day 3 Volunteers walked for Prabhat Pheri followed by Zumba session. Ex Nayak Ramphal Singh motivated the Volunteers to join Indian armed forces. Then Dr. Vimal Nagpal instructed the Volunteers on investments in share market and told them the whole process of investing. After that Volunteers participated in multiple activities like Declamation, Poster Making, Clay Modeling, Essay Writing, Mehndi and Slogan Writing competitions. Team Dwarika, Somnath and Kedarnath showed their cultural skills.

On Day 4 Prof. Deepa Mangla emphasized on the Volunteer's Role in National building and taught them the real Motto of NSS. Dr. Pragya Kaushik delivered lecture on Information Literacy and Critical thinking. She told Volunteer's most common biases. Then Volunteers organized Rally and Nukadd Natak on Water conservation, cleanliness and No to Plastic Use. Team Rishikesh, Haridwar and Vrindavan performed cultural activities.

On Day 5 Volunteers from all teams participated in Relay Race, Lemon Race, Three leg Race, Long Jump and Tug-of-war sports competition. A 400 meter race was organized for UTD Volunteers. After sports event Volunteers collected donation for needy people and Team Yamnotri participated in Cultural evening.

On Day 6 Volunteers joined Rally on Cancer Day. After Rally Volunteers attended the Film Mahotsav and watched Haryanvi Short films. Then Mr. Sandeep Dalmia spread awareness about curing Life Style Diseases and enlightened the Volunteers about increasing Cyber Crime. Volunteers showed their Cultural skills like Poem, Shayari, Songs and Dance performances. And the Day attended with special dinner and Dj night.

On the last day (Day 7) Valedictory function was held. Prof Avnesh Verma guided and congratulated all the Volunteers for the successful completion of Camp and awarded certificate to all the participating volunteers. Dr. Meenakshi Bhatia, Deputy Chief Warden (girls) also attended the function as Guest of Honor.

Dr. Ashwani kumar, Program Coordinator, NSS, GJUS&T and Program Officers, Mrs. Anju Gupta, Dr. Sunil Kaushik, Dr. Hemant Kalra, Dr. Jyoti Kataria, Dr. Mohit Anand, Dr. Lalit Sharma, Dr. Vikramjeet Singh and Mr. Dalbir Singh from GJUS&T, Hisar majorly contributed in the smooth conduct of the Camp.

Program Officers from Affiliated Colleges, Dr. Kumari Saroj, Mrs. Shaina Tehria, Sh. Subhash Chander, Dr. Kanupriya, Dr. Dharamveer, Mrs Neetu and Mrs Murti also played vital role in successful completion of the camp.

Sarvagya Munjal, Himanshu, Aniket Sharma, Shubham Mor, Shubham Malhotra, Deepika, Muskan Sharma and Teena played the role of Organizing Volunteers in the Camp.

10. Seven Day Special Camp (23-02-2023 to 01-03-2023)

The National Service Scheme of Guru Jambheshwar University of Science and Technology, Hisar organized a Seven Day Special Camp on the theme "Youth for Rural Transformation" from 23-02-2023 to 01-03-2023 at village Satroad. Inauguration of the camp was done by Prof. Avnesh Verma, Registrar, GJUS&T Hisar and the guest of Honour was Prof. Sujata Sanghi, Chief Warden (Girls), GJUS&T Hisar.

On the first day students enjoyed and participated in various competitions like clay modeling, essay writing, poster making, slogan writing, mehendi and declamation. Next 5 days volunteers organized cleanliness drive in the morning and cultural activities in the evening. After cleanliness drive volunteers organized rallies on 3 different days on varied issues like 'Save Water', 'Save Girl Child', 'Save environment' and 'Say No To Drugs'. A "Ram Ram" campaign was also organized in which volunteers interacted with villagers and learnt about rural living, struggles, achievements and culture. On day 6 volunteers surveyed the problems which the people of village come across in their day to day living. All the volunteers were divided into teams for the survey so as to cover every region of the village. After their activities in village, volunteers reported in seminar hall for lectures where they were enlightened about various topics. Dr. Sanjay Parmar taught the volunteers about ill effects of drug abuse and its addiction. Advocate Vikram Mittal taught the volunteers about cyber-crime and preventive measures. Shrimati Rajrani Malhan emphasized on the importance of culture and heritage of rural Haryana, she explained the difference between culture of India and other countries. Shri Devi Dayal, Inspector Home guard, Sirsa demonstrated to the volunteers the ways through which they can save & help others in case of disasters. Shri Vimal Nagpal enlightened the volunteers with the ways to invest their hard earned money. He highlighted the GDP increase of India. Dr. Mani Shreshtha talked about soft skills and how the volunteers can become great leaders in future.

Dr Ashwani Kumar, program coordinator, NSS, GJU and other program officers Mrs. Anju Gupta, Dr. Vikramjit, Dr. Jyoti, Dr. Hemant Kalra, Dr. Sunil Kaushik, Dr. Mohit Anand, Dr. Lalit and Mr. Dalbir and Mrs. Sudesh Sharma made it easy and possible for the volunteers to interact with the people of village and ensured the successful completion of the Camp.

CHAPTER- 18

DEPARTMENT OF APPLIED PSYCHOLOGY

(I) **Name** : Applied Psychology

(II) **Year of Establishment** : 1996

(III) (a) **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) **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) **Objective(s) of the Department:**

- 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.	42	33
P.G	50+6	53
U.G	45+5	47
PG Diploma	15+5	17

(V) **Faculty detail**

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

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

Sr.No.	Name of Teacher	Qualification	Experience (in years)
1.	Prof. Sandeep Singh	M.A, M Phil, Ph D.	24 years
2.	Prof. Jyotsana	M.A, M Phil, Ph D.	25 years
3.	Prof. Rakesh Kumar Bahmani	M.A, Ph D.	20 years 11 months
4.	Prof.. Manju	M.A ., Ph. D, UGC (NET)	16 years
5.	Dr. Sanjay Kumar	M.A., UGC (NET), PGDRP, Ph. D,	13 years
6.	Dr. Taruna	M.A., Ph. D, UGC (NET)	18 years

(VI) Office/Tech. staff detail:

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

<i>Programme</i>	<i>Sanctioned Intake</i>	<i>Students admitted 1st Year</i>	<i>Students Present in Final Year</i>
M.Sc.	56	53	51

(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: Attached 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
33	04	05	08

(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	
4	1				

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

a) Books/Book Chapters/ Monograph etc.

Authors	Title	Year of publication	Type of books (Text/ Reference/ Report)	Publishers
Amit, & Kumar, S.	Economical and psychological impact of Covid-19 pandemic	2023		Nirmal Publishing House, Kurukshetra
Amit, & Kumar, S.	Breaking of glass ceiling for women in the recent Era. <i>Women at work: A Holistic Outlook</i>	2023		Global Vision Publishing House. New Delhi. (ISBN – 978-93-90423-18-7).

Malik, V.S., Kumar, K., Behmani, R.K. & Kumar, S.	Stressors of menstruation in Adolescence. , Young Adulthood and Adulthood	2023		IGI Global
Malik, V.S., Behmani, S., Singh, V., Behmani, R.K., Kumar, S. & Kumar, K.	The effects of a Menstrual Distress Coping Education Program for adolescents and young adult females			IGI Global
Mittal, S., Supriya, Amit & Kumar, S.	Resilience and Stress Management among Academicians			Shree Publishers and Distributors, New Delhi-

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Pub-lishers	Vol.& No.	Pages	SCI/S copus (Yes/No)	Impact factor
Dr. Jyotsana								
Lavish Chugh & Jyotsana	2022	Parental bonding and Cognitive , emotional regulation in adolescents	Journal of Fundamental and Comparative Research		3(2)			
Dr. Sandeep Singh								
Priyanka & Singh ., S	2022	Effect of Mindfulness based Self Management therapy on life satisfaction among teachers	Indian Journal of Positive Psychology		13	294-298		
Hooda, R.S ., & Singh (2022).	2022	Occupational Stress in Relation to Work – Life Balance and Mindfulness : A study of Banking Sector	Indian Journal of Positive Psychology		17	412-417		
Bishnoi, R., Singh, S., & Pushpa	2023	Health Promoting Lifestyles among Adolescents: A Gender Perspective Study	Indian Journal of Health and Wellbeing		14(2)	202-207		
Seema. & Singh, S.	2023	Gender differences in Hypnotic Phenomena	Indian Journal of Psychological Science		16(1)	28-36		
Gunjan. & Singh, S.	2023	Effect of Personal Beliefs on Happiness: A Systematic Review	Indian Journal of Health and Wellbeing		14(2)	258-264		
Dr. Rakesh Behmani								
Yadav, G., Kumar, K& Behmani, R.K	2023	Dimensions of Religiosity: A Psychological view Point	Indian Journal of Community Psychology(IJCP)		17			
Dr. Manju								
Seema; Manju	2023	Emotional Intelligence and personality as correlates of the psychological wellbeing of adolescents: a cross sectional study in north India.	Health Prob Civil		17 (1)	49-61		
Dr. Taruna								
Gera, T., Bhardwaj, A., Singh, D., Boora, J.,	2022	Gratitude and Hope as Correlates of Psychological Well-being amongst COVID-19	Indian Journal Of Positive		13 (4),	419 - 422.		

Lohra, N., Boora, S., Singh, S., & Sharma, T. (2022).		Survivors.	Psychology,					
Gera, T., , Sarita., & Sharma, G. (2022).	2022	Spirituality as Predictor of Psychological Well-being amongst Adolescents	Indian Journal Of Positive Psychology, ISSN-		13 (4),	444 – 447		
Ohlan, A., &, Taruna. (2022).	2022	Academic Stress and Loneliness as Correlates of Suicide Ideation among University Students	International Journal Of Education And Management Studies,		12 (4),	309- 311.		
Gera, T., Bhardwaj, A., Singh, D., Boora, J., Lohra, N., Boora, S., Singh, S., & Sharma, T. (2023).	2023	Spirituality as a correlate of psychological well-being amongst survivors of COVID-19	The International Journal of Indian Psychology..		Vol- 11 (2)	(254- 262)		
Rani, S. ., & Gera, T.	2023	Savoring as a Predictor of Happiness and Positive Affect among Adolescents	<i>Mind and Society</i> , https://doi.org/10.56011/mind-mri-122-20235		12(02	44– 49.		
Dr. Sanjay								
Mittal, S., & Kumar, S. (2022).	. (2022)	Sociodemographic Perpects and psychological outcomes among juvenile delinquents and normal adolescents.	Indian Journal of Social Sciences and Literature Studies.		8 (03)	1-10.		
Devi, P., & Kumar, S. (2022).	(2022)	Psychological Manifestations of Infertility.	Indian Journal of Positive psychology.		13 (04)	448- 451.		
Amit., & Kumar, S. (2023).		Adverse Effects on the Indian Economy: Covid-19 Pandemic.	. Shodh Samiksha aur Mulyankan.		01 (02).	21-26		
Amit., & Kumar, S. (2023)..	2023.	Internet addiction and automatic thoughts among adults	The International Journal of Indian Psychology..					
Devi, P. & Kumar, S. (2023).		Self esteem and depression in fertile and infertile Women.	Indian Journal of Health and Wellbeing.].		02 (14).	2229- 5356		

(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	-

- (b) **International Conferences/ Seminars/ Workshops: Nil**
(c) **National Conferences/ Seminars/ Workshops as under:-**

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. Sanjay	Impact of Hostel Life on the Psychological Health and Wellbeing of students	School Psychology in Asia Specific Region	Department of Psychology, Central university of Haryana, Mahendergarh	Mahendergarh, Haryana,	15-16 March	
Dr. Sanjay	Role of Bhagavad Gita in inculcating emotional intelligence	Bhagavad Gita: An Eternal Repository of Multi Disciplinary Lessons for Mankind	Department of Psychology, FGM Govt. College, Adampur	Adampur	05-06 May, 2023.	

- (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:**

Prof. Sandeep Singh

- Member, P.G. Board of Studies of the Department of Psychology, KU, 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, Haridwar.
- 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, HPU, Shimla.
- Member, UG Board of Studies of the Department of Psychology, CDLU, Sirsa.
- Member, UG Board of Studies of the Department of Psychology, CBLU, 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 and 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

Prof. Jyotsana

- Member of admission committee
- Member of DRC and Member of PGBOS of university.

Dr. Rakesh

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

Dr. Manju

- Member of admission committee
- Chairperson of the department
- Member of DRC and Member of Board of Studies & Research

Dr. Sanjay Kumar

- 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 and Member of Board of Studies & Research
- Member of Editorial Board:
- Indian Journal of Contemporary Research, Gujarat.
- Indian Association of Health, Research and Welfare, Hisar.
- International Journal of Application or Innovation in Engineering & Management.

Dr. Taruna

- 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

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

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

Dr. Taruna

Type	Topic/Subject	Institution	Dates
Invited Talk	Drug Free India	NSS Special Camp held at Dayanand Brahm Mahavidyalaya by D.N College Hisar	01/04/2023
Extension Lecture	Career Opportunities in Psychology	D.N College, Hisar	06-May-2022
Extension Lecture	Mental Health	In Mental Health Checking Camp organized by D.N College Hisar on 20/05/2022 at Dayanand College Girls Hostel	17-May-2022 to 21-May-2022

Expert Lecture	Mindful Classrooms	UGC Sponsored Two-Weeks Subject Refresher Course on “Commerce, Economics & Management” by UGC-HRDC, GJUS&T, Hisar 10-09-2022 to 23-09-2022.	21/09/2022
Expert Lecture	Mindful Classrooms	UGC-Sponsored One-week STP on “Mindfulness for Well-Being and High Performance” by UGC-HRDC, GJUS&T, Hisar 17-10-2022 to 22-10-2022.	21/09/2022

Dr. Sanjay

- Delivered an Extension Lecture on “Schizophrenia: Indian Scenario” conducted by Department of Psychology, Central University of Haryana, Mahendergarh on May, 2023.

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Sandeep Singh	1. Member, NAAC steering committee, GJUS&T, Hisar 2. Member, Internal Quality Assurance Cell (IQAC), GJUS&T, Hisar 3. Member of NSS advisory board of the university 4. Member of Cultural council of the university 5. Member of sports council of the university 6. Organizing member of university alumni meet. 7. Organizing member of university convocation 8. Member, organizing committee for sports tournaments of the university. 9. Director of Center for Counseling and Wellbeing Cell (Since May, 2023)	

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

Internship is compulsory for the students.

Activity	No. of Students	No. of Companies *
Training		
Placement	20	20

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

(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
- Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Dehradun, Mussoorie	47	6 TH -9 TH April, 2023	Mr. Gobind (Assistant Prof on Contact)

iv. Industry interaction programmes: Nil

(XIX) Awards/ Honours received by Faculty :Nil

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

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
18	Nil	Nil	-
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
-	Nil	Nil	
Total number of funded research projects	Completed	Ongoing	-
Nil	Nil	Nil	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Thesis submitted	PhD. Degree awarded	-
04	05	08	-

List of company's alongwith number of students for training and placement:-

Sr. No.	Name of Student	Name of Company
1.	Ms. Sneha Mittal	CUH –Guest Faculty
2.	Mr. Akashay Ohlan	CUH –Guest Faculty
3.	Miss Surbhi	DSSSB, Delhi Counslor
4.	Mr. Arman	Universitty , Pamipat
5.	Mr. Vikram Jangra	Chandigarh University
6.	Mr. Anshul Girdhar	UP Government (Assistant Professor)
7.	Mr. Ravi	UP Government (Assistant Professor)
8.	Mr. Sanjay	DSSSB, Delhi Counselor
9.	Mr. Rajat	DSSSB, Delhi Counselor
10.	Ms Sunita	DSSSB, Delhi Counselor
11.	Mr. Gurmeet	DSSSB, Delhi Counselor
12.	Ms. Rehka	NVS, Counselor
13.	Ms. Kanika	NVS, Counselor
14.	Ms Prem Kumar	NVS, Counselor
15.	Mr. Sumit kumar	Kota Allen Academy, Counselor
16.	Mr. Kartik	Kota Allen Academy, Counselor
17.	Ms Monika	Manchanda Hospital
18.	Ms. Anchal	Psychologist
19.	Ms Sangeeta	NVS
20.	Ms. Preeti	ODM Girls College
21.	Ms. Anchal	ES, College

List of ongoing Ph.D research scholars during the year 01.07.2022 to 30.06.2023

Sr. No.	Registration No.	Name of the candidate	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	190110090003	Manisha Ranga	Prof. RakeshKumar	
7	190110090005	Akshay Ohlan	Dr. Taruna	
8	200110090001	Ms. Ancha Rani	Prof. Rakesh Kumar Behmani	
9	200110090002	Mr. Suresh Kumar	Prof. Rakesh Kumar Behmani	
10	200110090003	Ms. Soni	Dr. Sanjay Kumar	
11	200110090004	Ms. Supriya	Dr. Sanjay Kumar	
12	190110090101	Ms. Seema	Prof. Manju	
13	190110090102	Ms. Sunita Kumari Mann	Prof. Jyotsana	
14	190110090108	Ms. Sarita Rani	Dr. Taruna	
15	190110090109	Ms. Tamanna	Prof. Jyotsana	
16	210110090001	Mr. Sanjay	Prof. Sandeep Singh	Prof. Rakesh Kumar
17	190110090110	Mr.Gobind	Prof. Manju	
18	200110090101	Ms. Smarika Dalal	Prof. Sandeep Singh	
19	190110090106	Jyoti Singh	Prof. Manju	
20	190110090105	Priyanka Verma	Prof. Sandeep Singh	Prof. Rakesh Kumar

21	190110090111	Aruna Khanduja	Prof. Rakesh Kumar	
22	200110090102	Gobind	Prof. Rakesh Kumar	Dr. Krishan Kumar
23	200110090104	Manju Arya	Prof. Jyotsana	
24	200110090105	Amit	Dr. Sanjay Kumar	
25	200110090106	Satyander	Dr. Sanjay Kumar	
26	200110090107	Dinesh Kumar Kataria	Prof. Rakesh Kumar	
27	20011009108	Hemant	Prof. Rakesh Kumar	Prof. Sunita Rani
28	210110090101	Sher Singh	Prof. Manju	
29	210110090102	Minal	Dr. Taruna	
30	210110090103	Sunita Devi	Prof. Sandeep Singh	
31	210110090104	Gunjan	Prof. Sandeep Singh	
32	210110090105	Ekta Rani	Dr. Taruna	
33	220110090101	Komal Kharb	Prof. Manju	

List of research scholars registered during the year 01.07.2022 to 30.06.2023

S.N.	Name	Reg. No.	Name of Supervisor	Name of Co-Supervisor
1	Hemant	20011009108	Prof. Rakesh Kumar	Prof. Sunita Rani(LBSNAA)
2	Amit	200110090105	Dr. Sanjay Kumar	
3	Priyanka Verma	190110090105	Prof. Sandeep Singh	Prof. Rakesh Kumar
4	Manju Arya	200110090104	Prof. Jyotsana	

The list of Research scholars thesis submitted during the year 01.07.2022 to 30.06.2023

Sr. No.	Name	Regn.No.	Name of Supervisor/Co-Supervisor
1.	Ms. Priyanka	180110090003	Prof. Sandeep Singh
2.	Mr. Gaurav Sharma	180110090010	Dr. Taruna
3.	Sneha Mittal	190110090107	Dr. Sanjay Kumar
4.	Ravi Hooda	190110090006	
5.	Poonam Devi	180110090011	

The List of Research scholars thesis awarded during the year 01.07.2022 to 30.06.2023

Sr. No.	Name	Regn. No.	Name of Supervisor/Co-Supervisor
1	Mr. Sunil Kumar	190110090008	Prof. Manju
2	Ms. Priyanka	180110090003	Prof. Sandeep Singh
3	Mr. Gaurav Sharma	180110090010	Dr. Taruna
4	Mr. Manjeet	16118001	Prof. Manju
5	Ms. Satyam Bhamboo	190110090004	Prof. Rakesh Kumar Behmani
6	Ms. Rachna Rani	180110090004	Dr. Taruna
7	Mr. Neeraj	180110090012	Prof. Rakesh Kumar Behmani
8	Ms. Seema	190110090007	Prof. Sandep Singh

DEPARTMENT OF BIO & NANO TECHNOLOGY

(I) **Name** : Bio & Nano Technology

(II) **Year of Establishment** : 1998

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

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

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D. Microbiology; Biotechnology; Nano Science and Technology	Variable	54 (08 pre PhD Students include)
M.Sc Biotechnology; M.Sc Microbiology; M.Tech Nano Science & Technology.	30+14+5* 30+5* 20	30+30=60 30+28=58 00
Dual degree B.Sc. (Hons), M.Sc Biotechnology	40+5*	43+38+37+24+21=163

*Supernumerary

(V) **Faculty detail**

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

Professor		Readers		Lecturers	
Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
02	-	03	01	8	07

Name	Designation	Specialization
Prof. Neeraj Dilbaghi	Professor	Nano Science & Technology, Molecular Microbiology
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	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	30+5*	28	30
MSc Biotechnology	30+14+5*	30	30
M.Tech. (NS&T)	20	00	00

(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
1	Ph.D. Biotechnology	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
54	08	02	02

(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
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 the Mitigation of Invasion of Human breast cancer cells by Targeting epithelial to mesenchyma Transition	Prof. Namita Singh (Mentor) Dr. Monika Verma (PI)	Ongoing	Research	2020-23
Development and Characterization of Various thin films for biological applications	Prof. Namita Singh	Completed	Research	2022
Exploring the antiviral and anticancer potential of Berberine nanoformulations	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	16		11		05
Prof. Namita Singh	11		11		01
Prof. Vinod Chhokar	13		13		
Prof. Anil Kumar	11		11		
Dr. Rajesh Thakur	05		05		
Dr. Santosh Kumari	01		01		
Dr. Sapna Grewal					04
Dr. Sandeep Kumar	09		09		05
Dr. Anita Gill (CF)					
Dr. Rakesh Yadav (CF)					
Dr. KD Rawat (CF)	01				
Dr. Ravinder Kumar (CF)	05		05		

(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, Neeraj Dilbaghi, 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, Neeraj Dilbaghi, 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
Sonam Kumari, Neeraj Dilbaghi, 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, Shubham Jadhav, 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

b) Research Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of Journal	Vol. & No.	Pages
Prof. Neeraj Dilbaghi						
	Wandit Ahlawat, Neeraj Dilbaghi, 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, Neeraj Dilbaghi, 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, Neeraj Dilbaghi	2023	Radon and thoron exhalation rate in the soil of Western Haryana, India	Engineering Proceedings	195	523
	Sandeep Singh, Balvinder Kumar, Neeraj Dilbaghi, Nisha Devi, Minakshi Prasad, Anju Manuja	2023	Nanoformulation of a Trypanocidal Drug Isometamidium Chloride Ameliorates the Apurinic-Apyrimidinic DNA Sites/Genotoxic Effects in Horse Blood Cells	Environmental Monitoring and Assessment	13	148-158
	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 Nanopesticidal Emulsion for Sustainable Crop Management System	New Journal of Chemistry	3	101-109
	Prashant Bhardwaj, Neeraj Dilbaghi	2022	Pharmaceutical Nanoarchitectonics: Molecular Pharmaceutics and Smart Delivery of β -Caryophyllene Constellated 5-FU Nanoinvasomes for Skin Cancer Therapy	ACS Agricultural Science & Technology	12	1329-1340
	Gaurav Bhanjana, Ganga Ram Chaudhary, Neeraj Dilbaghi, A Kaushik, K-H Kim, S Kumar	2022	Probing of silver oxide nanoblades for 4-hydroxybenzoic acid quantification: a tool for food and water safety assessment	BioNano Science	26	101142
	Anuradha Saini, Parmjit Singh Panesar, Neeraj Dilbaghi, Minakshi Prasad, Manab Bandhu Bera	2022	Lutein extract-loaded nanoemulsions: Preparation, characterization, and application in dairy product	Materials Today Chemistry	46	E17082
	Shikha Jain, Monika Nehra, Neeraj Dilbaghi, Nitin Kumar Singhal, Giovanna Marrazza, Ki-Hyun Kim, Sandeep Kumar	2022	Insight into the antifungal effect of chitosan-conjugated metal oxide nanoparticles decorated on cellulosic foam filter for water filtration	Journal of Food Processing and Preservation	372	109677
	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
	Sandeep Kumar Jyotsana Mehta, Rahul Kumar Dhaka, Neeraj Dilbaghi, Dong Kwon Lim, Ashraf Aly Hassan, Ki-Hyun Kim	2022	Recent advancements in adsorptive removal of organophosphate pesticides from aqueous phase using nanomaterials	Critical Reviews in Environmental Science and Technology		1-18
	Manoj Singh, Vikas Kumar, Nirmala Sehrawat, Mukesh Yadav, Mayank Chaudhary, Sushil K Upadhyay, Sunil Kumar, Varruchi Sharma, Sandeep Kumar, Neeraj Dilbaghi, A K Sharma	2022	Current paradigms in epigenetic anticancer therapeutics and future challenges	Journal of Nanostructure in Chemistry	83	422-440

	Monika Nehra, Virendra Kumar, Rajesh Kumar, Neeraj Dilbaghi, Sandeep Kumar	2022	Current scenario of pathogen detection techniques in agro-food sector	Seminars in Cancer Biology	12	489
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 in silico studies on pyrimidine-appended fused pyrazolones as anticancer and antimicrobial agents	Journal of Molecular Structure	202 (3)	136759
	Ruchi Urana, Jyoti Yadav, Suryakant Panchal, Praveen Sharma, Namita Singh,	2023	Phytoremediation of PAH compounds by microbial communities in sodic soil	International Journal of Phytoremediation ,		
	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
	Minakshi Prasad, Basanti Barar, Kiran Bala, Namita Singh	2023	Emerging Microbial Technologies	Indian Journal of Microbiology	63 (2)	3-7
	Jyoti Rani, Tanwee Das De, Charu Chauhan, Seena Kumari, Punita Sharma, Sanjay Tevatiya, Soumyananda Chakraborti, Kailash C. Pandey, Namita Singh, Rajnikant Dixit	2022	Functional disruption of transferrin expression alters reproductive physiology in Anopheles culicifacies	PLoS ONE,	17	
	Suryakant Panchal, Arpita Ghosh, Prerana Koti, Namita Singh	2022	Elucidation of molecular diversity and functional characterization of phenanthrene degrading consortium NS-PAH-2015-PNP-5	Bioremediation Journal,	2022	
	Panchal S.;Mehla S.;Lohan S.;Singh N.		Development of Phenanthrene (PHE) Degrading Bacterial Consortium from the Petrochemical Contaminated Soil Samples	Annals of Biology	38	172-176
	Bishnoi M.B., Panchal S., Yadav J., Chandra Y., Singh N.	2022	Screening and Molecular Characterization of High Phycocyanin Producing Selected Freshwater Cyanobacteria for Commercial Application	Annals of Biology	38	20-27

	Vaishali Lekchand Dasriya, Mrinal Samtiya, Tejpal Dhewa, Monica Puniya, Sanjeev Kumar, Soniya Ranveer, Vishu Chaudhary, Shilpa Vij, Pradip Behare, Namita Singh, Rotimi E. Aluko, Anil Kumar Puniya	2022	Etiology and management of Alzheimer's disease: Potential role of gut microbiota modulation with probiotics supplementation	Journal of Food Biochemistry,	46,	
	Anita Devi, Rajneesh Jaryal, Chahat Bhatia, Namita Singh,		Elucidating the potential of cellulases isolated from a locally isolated strain (NSF-2) in paper and pulp industry	Cleaner Materials,	6	
	Chander Y., Kumar R., Verma A., Khandelwal N., Nagori H., Singh N., Sharma S.; Pal Y., Puvar A., Pandit R., Shukla N., Chavada P., Tripathi B.N., Barua S., Kumar N.	2022	Resistance Evolution against Host-directed Antiviral Agents: Buffalo pox Virus Switches to Use p38- γ under Long-term Selective Pressure of an Inhibitor Targeting p38- α	Molecular Biology and Evolution	39	
Prof. Vinod Chhokar						
	Rabuma, T., Gupta, O.P., and Chhokar, V. (2022).	2022	Recent advances and potential applications of cross-kingdom movement of miRNAs in modulating plant's disease response.	RNA Biology	19:1	519-532
	Jangra, A., Chaturvedi, S., Kumar, N., Singh, H., Sharma, V., Thakur, M., ... & Chhokar, V.	2022	Polyamines: The Gleam of Next-Generation Plant Growth Regulators for Growth, Development Stress Mitigation and Hormonal Crosstalk in Plants—A Systematic Review.	J Plant Growth Regulation	42 (2)	1-25
	Jangra, A., Sharma, G., Sihag, S. & Chhokar, V. (2022).	2022	The dark side of miracle plant <i>Aloe vera</i> : a review.	Molecular Biology Reports	49 (6)	5029-5040
	Rabuma, T., Gupta, O.P., Yadav, M. & Chhokar, V.	2022	Integrative RNA-Seq analysis of <i>Capsicum annuum</i> L.- <i>Phytophthora capsici</i> L. pathosystem reveals molecular cross-talk and activation of host defence response.	Physiology and Molecular Biology of Plants.	28	171-188
	Kumar R, Salar RK, Naik P.K. Yadav M, Chhokar V et al	2022	Population genetic diversity and structure analysis of sixty genotypes of <i>Aloe vera</i> using AFLP markers.	South African Journal of Botany	147	1146-1155

	Sonia Sihag, Hossam E Rushdi, Anil Kumar, Alka Jangra, Mohamed S Hassanane, Abdel-Shafy Hamdy, 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
	Alka Jangra, Siddhant Chaturvedi, 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	De novo sequencing, assembly, and characterization of Asparagus raceme sus 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 Capsicum annum 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 Asparagus racemosus	Natural Product Research	37 (22)	3889-3895
	Tilahun Rabuma, Om Prakash Gupta, Vinod Chhokar	2022	Recent advances and potential applications of cross-kingdom movement of miRNAs in modulating plant's disease response	RNA biology	19 (1)	519-532
	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,	2023	De novo sequencing, assembly, and characterization	Frontier in Genetics	14	doi.org/10.3389/fgene.20

	Yogi R, Chhokar V		of Asparagus racemosus transcriptome and analysis of expression profile of genes involved in the flavonoid biosynthesis pathway			23.1236 517
Prof. Anil Kumar						
	S Dudeja, V Chhokar, V Beniwal, A Kumar	2022	Antimicrobial Activity of Fungi isolated from Manikaran Hot Spring	Annals of Agri-Bio Research	27 (1)	12-16
	A Kumar, K Lal, N Poonia, A Kumar, A Kumar	2022	Synthesis, antimicrobial evaluation and docking studies of fluorinated imine linked 1,2,3-triazoles	Research on Chemical Intermediates	48 (7)	2933-2948
	S Soni, V Chhokar, V Beniwal, RM Jangra, A Kumar	2022	Statistical optimization of medium components and growth conditions to enhance Polyhydroxy butyrate yield by Bacillus endophyticus MTCC 13038	Research Journal of Biotechnology	17 (6)	165-173
	N Poonia, K Lal, A Kumar, A Kumar, S Sahu, ATK Baidya, R Kumar	2022	Urea-thiazole/benzothiazole hybrids with a triazole linker: synthesis, antimicrobial potential, pharmacokinetic profile and in silico mechanistic studies	Molecular Diversity	26 (5)	2375-2391
	S Mor, M Khatri, S Sindhu, R Punia, S Nagoria, A Kumar	2022	Synthesis, Antimicrobial Activity, α -Amylase Inhibitory Tests and Molecular Docking Studies of Thiazole Based Hydrazones Derived from 2-acyl-(1H)-indene-1,3(2H)-diones	Pharmaceutical Chemistry Journal	56 (7)	925-934
	P Yadav, CP Kaushik, M Kumar, A Kumar	2022	Phthalimide/Naphthalimide containing 1,2,3-triazole hybrids: Synthesis and Antimicrobial Evaluation	Journal of Molecular Structure	127 6	134688
	Soni, S., Chhokar, V., Beniwal, V., Kumar, R., Badgajjar, H., Chauhan, R., ...& Kumar, A	2023	Cost effective media optimization for PHB production by Bacillus badius MTCC 13004 using the statistical approach	International Journal of Biological Macromolecules	233	123575

	Dhull, P., Lohchab, R. K., Kumar, S., Kumari, M., & Bhankhar, A. K.		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	2022	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 Chhokar, & Vikas Beniwal	2023	Understanding the role of bacterial genes and enzymes in organophosphate degradation: a step towards enhanced bioremediation	International Journal of Biological Innovations		
Dr Sapna Grewal						
1	Vivekanand Laxman Hembade, Shikha Yashveer, Jyoti Taunk, Sonali Sangwan, Jayanti Tokas, Vikram Singh, Neeru Singh Redhu, Sapna Grewal, Shalini Malhotra, Mukesh Kumar	2022	Chitosan-Salicylic acid and Zinc sulphate nano-formulations defend against yellow rust in wheat by activating pathogenesis-related genes and enzymes	Plant Physiology and Biochemistry	192	129-140
2	Bharat Garg, Shikha Yashveer, Jyoti Taunk, Vikram Singh, Neeru Singh Redhu, Jayanti Tokas, Sapna Grewal and Shailini Malhotra	2023	Characterisation of wheat (<i>Triticum aestivum</i>) genotypes for multiple fungal resistance using functional markers	Indian Journal of Agricultural Science	93 (1)	30-35
3	Rekha Boora, Promila Sheoran, Neelam Rani, Santosh Kumari, Rajesh Thakur and Sapna Grewal	2023	Biosynthesized Silica Nanoparticles (Si NPs) helps in mitigating drought stress in wheat through physiological changes and upregulation of stress genes.	Silicon	On-line	10.1007/s12633-023-02439-x
4	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	32	101799
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 popula-	Acta Physiologiae Plantarum	45: 5	69

			tion developed under water restricted conditions			
	Mukesh Kumar, Ravinder Mehra, Rajesh Yogi, Nitesh Singh, Raj Kumar Salar, Gauri Saxena, Sarvesh Rustagi	2023	A novel tannase from Klebsiella pneumoniae KP715242 reduces haze and improves the quality of fruit juice and beverages through detannification ³	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
Dr. K D Rawat (Contractual Faculty)						
	Ram Kumar, Yogesh Chander, Nitin Khandelwal, Assim Verma, K D Rawat , B N. Shringi, Yash Pal, B N Tripathi, Sanjay Barua, Naveen Kumar	2022	ROCK1/MLC2 inhibition induces decay of viral mRNA in BPXV infected cells.	Scientific Reports.	12	

(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. Ravinder Kumar (CF)	-	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. Neeraj Dilbaghi	"Multifunctional Materials based Sensors for Environmental Applications"	International conference on Materials for Sustainable Development (ICMSD)	Central University of Jammu, Jammu.	Jammu	Oct 19-20, 2022	
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	

Prof. Namita Singh	As Invited speaker and organizer	62 nd Annual International Conference Association of Microbiologists of India		Rohtak		
	Cloning And Sequencing Of Complete Fusion Gene Of Newcastle Disease Virus Isolated From Peafowl	IVAMI	LLRU, Hisar	Hisar	May 2022	Veterinary microbiology, ICAR
	Development of cost-effective media for mass production of Spirulina	62 nd Annual International Conference Association of Microbiologists of India on Microbes and Society: current Trends and Future Prospects	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST
	Biocontrol of Salmonella in mung bean sprouts by using antagonistic spore forming bacteria	-do-	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST
	Effect of lactobacillus probiotics on beetroot juice	-do-	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT, DST
	Bacterial consortium: A new approach for the degradation of recalcitrant PAHs	-do-	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST
	Physico-chemical and biological evaluation of Piperine-Paclitaxel nanoparticles as chemotherapeutic agent for breast cancer treatment	-do-	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST
	Natural Therapeutic Drugs/Bioactive Metabolites from Cyanobacteria and Algae to combat COVID-19 infection	-do-	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST

	Development and Characterization of Ruthenium impregnated ZnO Thin Films for Biological application	-do-	University of Mysore	Mysore	21 st -23 rd September 2022	AMI, DBT,DST
Prof. Vinod Chhokar	Unravelling the Role of <i>Octaketide Synthase</i> gene in Aloin Biosynthesis by Homologous Overexpression in <i>Aloe vera</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 qPCR in <i>Bryophyllum pinnatum</i>	International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March, 2-4, 2023	Yes
	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	International Conference on Climate Resilient	CCSHAU	Hisar	February, 17-19, 2023	Yes

	Metabolites in Root Extracts of <i>Asparagus racemosus</i>	Agriculture for Food Security and Sustainability				
	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
Dr. Anil Kumar	Unravelling the Role of <i>Octaketide Synthase</i> gene in Aloin Biosynthesis by Homologous Overexpression in <i>Aloe vera</i> ,	Proceedings of International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March 2-4	Yes
	Significant Association Analysis of <i>Kappa-casein</i> and <i>Alpha-lactalbumin</i> Genes Polymorphism with Milk Traits of <i>Bubalus bubalis</i>	Proceedings of International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March 2-4	Yes
	Differential Gene Expression Analysis of Genes Involved in Biosynthesis of Bufadienolide by qPCR in <i>Bryophyllum pinnatum</i>	Proceedings of International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March 2-4	Yes

	Evaluation of Genetic Diversity in <i>Asparagus racemosus</i> Genotypes using AFLP markers	Proceedings of International Conference on Biotechnology and Human Welfare	CDLU	Sirsa	March 2-4	Yes
	Phytochemical Analysis of Secondary Metabolites in Root Extracts of <i>Asparagus racemosus</i>	Proceedings of International Conference on Climate Resilient Agriculture for Food Security and Sustainability	Feb 17-19 CCSHAU	Hisar	Feb 17-19	Yes
Dr Sapna Grewal	Combined effect of the foliar application of multiple nano nutrients on the overall growth and yield of wheat plants	3rd International Conference on “Innovative Approaches in Agriculture, Horticulture & Allied Sciences	SGT University, Gurugram	Gurugram	March 29-31, 2023.	
Dr. Santosh Kumari	Berberine-gum nanoformulations as novel natural antimicrobials	63 AMI-Microbial technologies for sustainable biosphere	MDU Rohtak	Rohtak	02-04 Feb 2023	AMI
Dr. Ravinder Kumar	Aloe vera: Universal Panacea to health culprit	6 th AMIFOST 2023	Amity University, Noida	Noida	13-14 Apr 2023	Nutrition Society of India

(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	Nano Biotechnology	National Seminar on Biotechnology	Department of Life Sciences, J.C. Bose University of Science & technology	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 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
	<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

(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

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

(XIII) Association with National and State Level Bodies

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.
- Institutional Coordinator (RUSA) of GJUST, Hisar.
- Chairman of Departmental Research Committee, Staff council and Scientific Advisory Committee of Dept of Bio & Nano Technology.
- Chairman of Board of Studies of Dept of Bio & Nano Technology.
- 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, GJUST, Hisar (Up to 20-3-2023).
- Director, UGC, HRDC, GJUST, Hisar w.e.f 20-3-2023.
- Incharge Radio-Ecology Centre (Up to May, 2023).
- 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, DCRUST Murthal.
- Expert Member, LPU Phagwara for evaluation of The State of The Art Seminar (SAS), Ph.D Biotech.
- Expert Member (Subject) CUH, Mahendragarh for Interview of Guest Faculty in Biomedical Sciences (18-02-2023).
- Screening cum Evaluation for promotion under CAS for Biochemistry in CUH Mahendragarh (09-02-2023).
- Outside expert in selection committee for Ph.D admission in Medical Biotechnology in M.D.U Rohtak (20-12-2022).
- Subject expert in CUH, Mahendragarh for Interview of Professor in Biotech. (15, 16-11-2022).

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 Expert –Board of Faculty of Humanities and Sciences, YMCA, Faridabad.
- 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 Biotechnology Punjabi University, Patiala.
- 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

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

Dean International Affairs

FAO

FSSAI

Indian Journal of Microbiology

Academy of Microbiological Sciences

Position Held

Member

Member

Member

External Subject expert

External Subject expert

Member of Taskforce

Member of selection Committee

Expert committee member

Expert Scientific Panel Member

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

Advisory Committee Intellectual Property Rights and Technology Commercialization Cell, GJUST

BOSR CUH, Mahendergad

BOS Department of Biotechnology university college of engineering KUK

Position Held

Member

Member

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 किसानों के साथ निम्नलिखित विषय पर संगोष्ठी) Online
- DMH-11 सरसों (GM) की विवेचना, 1- CBD 1992 समझौता के दायरे में *कार्टेजिना व नागोया प्रोटोकॉल के तहत ABS/ABSCH में उपभोक्ता व काश्तकारों 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 सतत् कृषि (Sustainable Agriculture) हेतु COP27 में तय मानक व दिशा निर्देश।, भारतीय खेती पर पड़ते दुष्प्रभाव पर चिंतन on Nov 20, 2022
- भारत की 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 विश्लेषण" GBF (Global biodiversity framework), GBF fund, Cartagena and Nagoya protocol. On Jan 1, 2023

- 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(loe)-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.
- 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 Microorganism in waste water Treatment under the AMI Skill India Campaign.
- Organized one Brainstorming session at MDU Rohtak with the Researcher and MSc students of Biotechnology, Microbiology and Environmental Sciences July 21-22, 2022.
- International Webinar on Scanning and Transmission Electron Microscopy, 8th September 2022 University of Malaysia
- Hands on training organized on “**Button Mushroom Cultivation**” by Hisar Unit at Dahiya Mushroom Farm, Sonipat from October 06-08, 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.
- 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 speaker in google meet on World Earthshoot day and impact on biolife Overcome it (एक पृथ्वी चाहिए जीने के लिए नहीं तो सब खत्म) 14th May, 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: भारत की खेती के बदलते स्वरूप, 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 lecture delivered by Dr. Dhivraj Hairam 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. Minakshi Prasad, Scientist E, NRCE.
- Organised a hands on training on Cell imaging plate form EVOSM 5000 in collaboration with Thermofisher at DBNT, GJUST, Hisar.

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:

External Subject Expert, Under Graduate Board of Studies, Department of Biotechnology, Kurukshetra University, Kurukshetra [October 5, 2020 to October4, 2022]

Dr Rajesh Thakur

Association of Microbiologists of India. (Life Member)

Dr. Santosh Kumari

Association of Microbiologists of India. (Life Member)

Dr. Sapna Grewal

Indian Society of genetics & Plant Breeding (Life member)

The Society for Plant Biochemistry and Biotechnology (Life Member)

Dr. Ravinder Kumar

Association of Microbiologists of India. (Life Member)

(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
Prof. Neeraj Dilbaghi			
1. Delivered two lectures in Refresher Course at Panjab University Chandigarh during Refresher Course on Environment Science on topic Nanotechnology & Environmental sustainability (12-11-2022).			
2. Delivered expert lecture at Central University, Tezpur on topic Nanomaterials for environmental and healthcare applications on 03-11-2022.			
3. As Judge and Expert Speaker in Ambala College of Engineering on National Technology Day on Technology & delivered talk on topic, Innovation beyond 2025 (11-05-2023).			
4. Delivered expert lecture in Panchnad Shodh Sansthan (13-09-2022) on topic, “ राष्ट्र निर्माण में विज्ञान और प्रौद्योगिकी का योगदान और दायित्व ”.			
5. Invited speaker at Govt. College Hisar on National Science Day with talk on Nanotechnology in Daily Life (01-03-2023).			
6. Delivered One invited speaker in GJUS&T, Hisar in Science Conclave on topic Small is Big (05-12-2022).			
7. Delivered lecture at HRDC Jammu in Faculty Induction Programme on topic SDG by 2030 (02-12-2022).			
8. Delivered lecture at HRDC Jammu in Faculty Induction Programme on topic Changing trends of Science and Technology post COVID -19 Pandemic (01-12-2022).			
9. Delivered two invited lectures during HAU CAFT Course on Agri-Food Nanotechnology: Intelligent tools, opportunities & challenges for insect pest management.			
10. At Gurugram University Gurugram on 14-11-2022 for Role and Responsibilities of IQAC.			
Invited talks delivered in refresher course	14		
Extension lectures	03		

Prof. Neeraj Dilbaghi

Invited talks delivered in Refresher Courses By Dr Neeraj Dilbaghi	
Extension Lecturer	
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. Namita Singh	Dean International Affairs, GJUST	July 1 st , 2023 continue
		Member of University Research board, PGBOS, DRC, Faculty, Anti eve teasing committee, Governance, Leadership and Management, Proctorial Duty	2022-23
2	Prof. Vinod Chhokar	Technical Advisor (Administration) to Vice Chancellor, GJUS&T, Hisar	May 4, 2023 to continue
		Proctor, GJUS&T, Hisar	July 1, 2022 to continue

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

(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
Topic	Research Scientist / Name of Scholar	Supervisor/Organized by Convener	Date
Development and Characterization of a Polycyclic Aromatic Hydrocarbon (PAH) Degrading Microbial Consortium	Mr. Suryakant Panchal, (Reg.No. 15099005) for registration in Ph.D (Biotechnology)	Prof. Namita Singh	31.05.2022

Studies on Development of Fluorescent Biosensors for Detection of Heavy Metal in Water	Ms. Shikha Jain, (Reg.No. 190090290005) for registration in Ph.D (Biotechnology)	Dr. Sandeep Kumar	16.06.2022
Synthesis and therapeutic evaluation of berberine-gum complexes	Ms. Jyoti Bakshi, (Reg.No. 190090290001) for registration in Ph.D (Biotechnology)	Dr. Santosh Kumari and Co-supervisor Dr. Dinesh Dhingra	25.08.2022
Role of p38 MAP Kinase in Buffalopox virus replication	Mr. Yogesh Chander, (Reg.No. 190090390001) for registration in Ph.D (Microbiology)	Prof. Namita Singh and Co-supervisor Dr. Sanjay Barua	05.12.2022
Role of Microbiology in forensics	Dr. Minakshi Prasad, Scientist-E, ICAR,NRCE,Hisar, Haryana	Prof. Namita Singh	28.02.2023
Fabrication of polyhydroxyalkanoates (PHA) nano scaffolds by using different techniques for use in tissue engineering	Ms. Sunena Dhania, (Reg.No. 17099003) for registration in Ph.D (Nano Science and Technology)	Dr. Rajesh Thakur and Co-supervisor Dr. Minakshi Prasad	02.03.2023
Exploring of Bio waste Bio action Compressed as natural cancer therapeutic Agents-A novel way to use waste to health		Prof. Namita Singh	16.03.2023
Development and evaluation of phytonanoformulation(s) as sustainable biopesticide for control of bacterial blight of clusterbean	Ms. Pooja, (Reg.No. 190090290011) for registration in Ph.D (Nano Science and Technology)	Prof. Neeraj Dilbaghi	07.04.2023
Isolation, Screening and Characterization of PHB producing bacteria	Ms. Sweetta, (Reg.No. 17099009) for registration in Ph.D (Biotechnology)	Dr. Anil Kumar	26.06.2023
Functional Crenomic Screen using CRISPR/Cas 9 Based genome editing.	Dr. Ajay Kumar, Product-Specialist, North India	Prof. Namita Singh	20.07.2023
Core Bioinformatics tools use in Genome Sequencing Analysis	Dr. Nilesh Bandhiwal	Prof. Namita Singh	13.09.2023
Interplay between metabolism and epigenetics in Plasmodium falciparum parasite	Dr Manish Kumar and Harvard T.H. Chem School of Public Health Barlore USA	Prof. Namita Singh	16.10.2023
Rhizobacteria : Guardian of Plant and soil health	Dr. Dilfuza P Jabborova, Head Institute of Genetics & Plant experimental biology Uzbekistan	Prof. Namita Singh	27.10.2023

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
60	Nil	52	16.2
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
30	02	28	-
Total number of funded research projects	Completed	Ongoing	-
15	04	11	-
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Thesis submitted	PhD. Degree awarded	-
54	04	11	-

Total registered Ph.D. Scholar in the Department :

Sr. No.	Name of the Candidate	Registration No.	Name of Supervisor	Name of Co-Supervisor	Date of Registration
1.	Mr. Sandeep Singh	12099001	Dr. Neeraj Dilbaghi	Dr. Anju Maunja	10.03.2012
2.	Mr. Sant Lal	14099003	Dr. Neeraj Dilbaghi	.....	24.03.2014
3.	Mr. Sudhanshu Dwivedi	14099005	Dr. Vinod Chhokar	.....	24.03.2014
4.	Mr. Rohit	15099004	Dr. Anil Kumar	.....	24.07.2015
5.	Ms. Pragati	15099006	Dr. Vinod Chhokar	Dr. R.S. Sangwan	24.07.2015
6.	Ms. Muniya Rani	15099008	Dr. Vinod Chhokar	.....	24.07.2015
7.	Ms. Sarita	15099010	Dr. Sandeep Kumar	Dr. Neeraj Dilbaghi	24.07.2015
8.	Ms. Monika	16099001	Dr. Neeraj Dilbaghi	Dr. Sunil Sharma	07.05.2016
9.	Ms. Meenakshi Pahwa	16099003	Dr. Namita Singh	Dr. K.K. Kapoor	28.06.2016
10.	Ms. Minakshi Lalit	16099004	Dr. Namita Singh	.....	28.06.2016
11.	Ms. Jyoti Sheorain	16099006	Dr. Santosh Kumari	.....	28.06.2016
12.	Ms. Chanchal	16099007	Dr. Vinod Chhokar	.....	28.06.2016
13.	Ms. Meenakshi Mehra	17099002	Dr. Santosh Kumari	Dr. Dinesh Dhingra	25.07.2017
14.	Ms. Sweta	17099009	Dr. Anil Kumar		25.07.2017
15.	Ms. Monika Rani	17099008	Prof. Vinod Chhokar	Dr. Sandeep Jaglan	25.07.2017
16.	Ms. Sunena	17099003	Dr. Rajesh Thakur	Dr Minakshi Parsad	25.07.2017
17.	Mr. Anurag	17099007	Dr. Sandeep Kumar	Dr. Amit Kumar	25.07.2017
18.	Mr. Rajesh Kumar	17099006	Prof. Ashok Chaudhary	.....	25.07.2017
19.	Ms. Navjot Mehta	190090190004	Dr Rajesh Thakur		04.11.2019
20.	Mr. Vinod Kumar	190090190005	Dr Rajesh Thakur		04.11.2019
21.	Ms. Bharti	190090190001	Prof. Neeraj Dilbaghi		04.11.2019
22.	Ms. Suman Kumari	190090290006	Dr. Sapna Grewal	Dr. Kishore Gaikwad	19.03.2019
23.	Ms. Pooja	190090290011	Prof. Neeraj Dilbaghi		19.03.2019
24.	Ms. Manju Sangwan	190090190003	Dr. Rajesh Thakur		04.11.2019
25.	Usha Rani	190090290013	Dr. Rajesh Thakur		04.11.2019
26.	Jyoti Yadav	180090290001	Prof. Namita Singh	Prof. Sunil Kumar	13.12.2018
27.	Meenakshi	190090290008	Prof. Namita Singh		19.03.2019

28.	Rekha Boora	190090290007	Dr. Sapna Grewal		19.03.2019
29.	Alka	190090290002	Prof. Vinod Chhokar		19.03.2019
30.	Sonia	190090290003	Prof. Vinod Chhokar		19.03.2019
31.	Avni	190090290009	Prof. Namita Singh	Dr. Subhash Kajla	19.03.2019
32.	Mandeep Kumar	190090390101	Prof. Namita Singh		31.12.2021
33.	Taruna	190090390102	Prof. Namita Singh		31.12.2021
34.	Pooja Garg	190090290102	Prof. Vinod Chhokar	Dr. Mahesh Rao	31.12.2021
35.	Garima Sharma	200090290104	Prof. Vinod Kumar Chhokar		31.12.2021
36.	Neelam	190090290101	Dr. Sapna Grewal		31.12.2021
37.	Manjit Singh Jadon	190090190102	Dr. Sandeep Kumar		31.12.2021
38.	Priyanka	190090190101	Dr. Sandeep Kumar		31.12.2021
39.	Himani Bagaria	200090290105	Prof. Vinod Kumar Chhokar		31.12.2021
40.	Shalu	200090290107	Prof. Vinod Kumar Chhokar	Dr. Dinesh Kumar	31.12.2021
41.	Deepanjali Sodha	200090230108	Prof. Vinod Kumar Chhokar	Dr. Surender Kumar Verma	26.12.2022
42.	Jagdish Parshad	210090390101	Dr. Anil Kumar		26.12.2022
43.	Assim Verma	200090190101	Dr. Santosh kumari	Dr. Sanjay barua	26.12.2022
44.	Mohit Kumar	200090290103	Dr. Anil Kumar		26.12.2022
45.	Swati	200090290109	Dr. Anil Kumar		26.12.2022
46.	Bhawna Vermani	210090190101	Dr. Rajesh Thakur	Dr. Dinesh Dhingra	26.12.2022
47.	Chahat Bhatia	200090290110	Prof. Namita Singh		26.12.2022
48.	Annu Yadav	210090290101	Prof. Namita Singh	Dr. Nitai Debnath	26.12.2022
49.	Swati Rani	210090290104	Dr. Sapna Grewal	Dr. Nitin Virmani,	26.12.2022

Ph. D. awarded from 01.07.2022 to 30.06.2023

Sr. No.	Name of Research Scholar	Regn. No.	Name of the supervisor/ co- Supervisor	Date of award of degree
1.	Ms. Promila	17099001	Dr. Sapna Grewal / Dr. Santosh Kumari	29.07.2022
2.	Ms. Shruti Dudeja	16099005	Dr. Anil Kumar	12.10.2022
3.	Mr. Deepender Kumar	19009029004	Prof. VinodChhokar	12.10.2022
4.	Mr. Munesh Kumar	14099013	Dr. RajeshThakur	12.12.2022
5.	Prashant Bhardwaj	190090190002	Prof. Neeraj Dilbaghi	14.02.2023
6.	Mr. Yogesh Chander	190090390001	Prof. Namita Singh / Dr. Sanjay Barua	14.02.2023
7.	Ms. Shikha Jain	190090290005	Dr Sandeep Kumar	25.04.2023
8.	Mr. Suryakant Panchal	15099005	Dr. Namita Singh	25.05.2023
9.	Ms. Jyoti Rani	17099004	Dr. Namita Singh/Dr. Rajnikant Dixit	25.05.2023
10.	Ms. Manju Bala Bishnoi	15099007	Dr. NamitaSingh	31.05.2023
11.	Ms. Jyoti Bakshi	190090290001	Dr. Santosh Kumari	28.06.2023

DEPARTMENT OF CHEMISTRY

(I) **Name** : Chemistry

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

(III) (a) **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) **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) **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.

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	--	40
P.G	110	90
U.G	242	180
Any other	--	--

(V) Faculty detail

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	NIL	06	
Associate Professor	04	01	02	
Assistant Professor	08	08	00	

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.	34
Dr. Devinder Kumar	Professor	M.Sc., M.Phil., Ph.D.	29
Dr. (Mrs.) Sonika	Professor	M.Sc., M.Phil., Ph.D.	26
Dr. Satbir Mor	Professor	M.Sc., M.Phil., Ph.D.	29
Dr. Jai Devi	Professor	M.Sc., Ph.D.	18
Dr. C.P. Kaushik	Professor	M.Sc., M.Phil., Ph.D.	18
Dr. Kashmiri Lal	Associate Professor	M.Sc., Ph.D.	17
Dr. Vikas Verma	Associate Professor	M.Sc., Ph.D.	17
Dr. Jyoti	Assistant Professor	M.Sc., Ph.D.	06
Dr. Mahavir Parshad	Assistant Professor	M.Sc., Ph.D.	16

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.	10
Dr. Lokesh Kumar	Assistant Professor	Ph.D.	6
Dr. Raj Laxmi	Assistant Professor	Ph.D.	4
Ms. Kanchan	Assistant Professor	M.Sc.	5
Ms. Seema	Assistant Professor	M.Sc.	4
Dr. Manjeet	Assistant Professor	Ph.D.	4
Dr. Poonam	Assistant Professor	Ph.D.	5
Dr. Neha Gupta	Assistant Professor	Ph.D.	3
Dr. Poonam Rani	Assistant Professor	Ph.D.	3
Ms. Sushma	Assistant Professor	M.Sc.	4
Mr. Manish Kumar	Assistant Professor	M.Sc.	3

Name of Teacher	Designation	Qualification
Dr. Sanjeev Kumar	Guest faculty	Ph.D.
Dr. Sumit Thakral	Guest faculty	Ph.D.
Ms. Monika Yadav	Guest faculty	Ph.D.
Dr. Sushil Kumar	Guest faculty	Ph.D.

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Store Keeper	01	Nil
Office staff	02	02
Technical Staff	01	03
Lab Staff	05	07
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

Programme	Sanctioned Intake	Students admitted 1st Year	Students Present in Final Year
Dual Degree B.Sc.(Hons.)	45+5	32	23
M.Sc. Chemistry			
M.Sc. Chemistry	50+5	42	48

(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: Not admitted

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

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
52	02	06	16

(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

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/ In Progress	Nature: Research/ Consultancy	Month & Year of award
Synthesis and biological evaluation of isatin derived 1,2,3-triazole hybrids	Dr. Kashmiri Lal	Completed	Research	2022-23
Evaluation of molecular interactions of ionic liquid mixtures through viscometric study	Dr. Jyoti	Completed	Minor Research Project	2022-23
	TOTAL			02

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
	54				

(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
Vikas Verma, Suman Punia	Biological importance and synthetic overview on imidazole hybrids (Book) ISBN: 978-620-6-16518-7	2023		International; Lambert Academic Publishing
Kiran Bagri, Ashwani Kumar, Parvin Kumar, Archana Kapoor, and Vikas Verma	Computational Methods for the Design and Development of Glutaminyl Cyclase Inhibitors in Alzheimer's Disease (chapter) ISBN:978-1-0716-3311-3 (eBook)	2023		Humana Press, Springer Nature

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Vishal Soni and J. B. Dahiya	2023	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 Perform. Polym.	Sage	35(7)	740-749	Yes	2.1

Dinesh and J. B. Dahiya	2022	Admicellar Polymerization of Tris(2-acryloyloxyethyl)phosphate on Cotton Fabric for Flame Retardant Finishing	Asian J. Chem.	Asian Publ. Corporation	34(10)	2593 - 2596	Yes	0.15
Dinesh and J. B. Dahiya	2022	Flame retardancy of cotton fabric: effect of coating of polymeric film containing phosphorus by admicellar polymerization	Rasayan J. Chem.	Elsevier	15(4)	2908 - 2913	Yes	0.33
Sumit Thakral, Devinder Kumar, Suman Rani, Ramesh Kataria, Poonam Sagar, Nitin Kumar Singhal	2022	2'-Aryl-,2,5'-bibenzoxazoles: Synthesis, crystal structure and evaluation of cytotoxicity against cervical (HeLa) and liver (HepG) cancer cell line	Journal of Molecular Structure	Elsevier	1265	1333 86	yes	3.841
Geeta Yadav, Sunil Kumar, Devinder Kumar, Ramesh Kataria, Christophe Laroche, Sean M Kerwin	2022	Phenylodine(III) diacetate-mediated dearomatization of 2-(2-hydroxyaryl) benzoxazoles and 2-(2-hydroxyaryl) benzothiazoles: Regio- and stereoselective synthesis of tetramethoxycyclohex enones and bicyclo[...]octenones	Journal of Molecular Structure	Elsevier	1266	1333 86	yes	3.841
Sumit Thakral, Devinder Kumar, Samridhi Thakral, Vikramjeet Singh, A Muni Nagesh, Sneha Verma, Deepak Pandey	2022	Synthesis and Biological Evaluation of 2-(Halophenyl)benzoxazole-5-Carboxylic Acids as Potential Anti-Inflammatory and Cytotoxic Agent with Molecular Docking Studies	Chemistry and biodiversity	Wiley	19	e202 2004 89	Yes	2.7
Nisha Kamra, Suman Rani, Sumit Thakral, Ajeet Singh, Payare L Sangwan, Shashank K Singh, Samridhi Thakral, Vikramjeet Singh, Devinder Kumar	2022	Synthesis, Biological Activity and Molecular Docking Studies of Heterocyclic Chalcones	Chemistry and biodiversity	Wiley	19(9)	e202 2005 60	Yes	2.7
Sumit Thakral, Suman Rani, Kashmiri Lal, Devinder Kumar	2022	Synthesis and Characterization of 2-(2-((1-Aryl-1H-triazol-1-yl) methoxy) phenyl) benzoxazoles: Evaluation of Cytotoxicity and Antioxidant Activity	Chemistry Select	Wiley	E20220 22790	7(43)	Yes	2.307
Geeta Yadav, Sunil Kumar,	2022	Phenylodine(III) diacetate-induced	Synthetic Communi	Taylor and	52 (11-12)	1412 -	Yes	1.937

Ramesh Kataria, Devinder Kumar		regioselective synthesis of 1-(benzoxazol-2-yl)-1-alkoxynaphthalen-2(1H)-ones from 2-(2-hydroxynaphthyl)benz oxazoles	cation.	Francis		1420		
Yogesh Deswal, Sonika Asija, Aisha Tufail, Amit Dubey, Laxmi Deswal, Naresh Kumar, Sonia Saroya, Jagat Singh Kirar, Neeraj Mohan Gupta	2023	Instigating the in vitro antidiabetic activity of new tridentate Schiff base ligand appended M(II) complexes: From synthesis, structural characterization, quantum computational calculations to molecular docking, and molecular dynamics simulation studies	Applied Organometallic Chemistry	Wiley online library	37	e7050	Yes	3.9
Pinki Barwa, Sonika Asija, Yogesh Deswal, Naresh Kumar, Ashwani Kumar, Jai Devi	2023	New pentacoordinated diorganotin (IV) complexes of o-aminophenol based Schiff base ligands: Synthesis, characterization, antioxidant, antimicrobial and molecular docking studies.	Research on Chemical Intermediates	Springer	49	3411 – 3440	Yes	3.3
Naresh Kumar, Sonika Asija, Yogesh Deswal, Sonia Saroya, Ashwani Kumar	2022	Development of new tridentate ligands bearing hydrazone motif and their diorganotin (IV) complexes: Synthesis, spectral, antimicrobial and molecular docking studies	Research on Chemical Intermediates	Springer	48	5133 - 5154	Yes	3.3
Sonia Sroya, Sonika Asija, Yogesh Deswal, Naresh Kumar, Deepak Kumar, Deepak Kumar Jindal, Prashant Puri, S Kumar	2022	Pentacoordinated diorganotin (IV) complexes of Schiff base ligands: synthesis, characterization, antimicrobial and anticancer studies	Research on Chemical Intermediates	Springer	48	4671 - 4691	Yes	3.3
Pulkit Aggarwal, Sonika Asija, Yogesh Deswal, Naresh Kumar	2022	Recent advancements in the anticancer potentials of first row transition metal complexes	Journal of the Indian Chemical Society	Elsevier	99	100556	Yes	0.2
Satbir Mor and Mohini Khatri	2022	Regioselective synthesis of benzo[b]indeno[1,2-e][1,4]thiazin-11(10aH)-ones and antimicrobial evaluation thereof	Synthetic Communications	Taylor and Francis	22 (13-14)	1526 – 1536	Yes	2.1
Satbir Mor, Mohini khatri, Ravinder Punia, Deepak Kumar, Deepak Kumar Jindal, Biswarup	2022	Synthesis and in vitro anticancer evaluation of 8b-hydroxy-1-(6-substitutedbenzo[d]thiazol-2-yl)-3-(3-substitutedphenyl)-1,8b-	Journal of Molecular Structure	Elsevier	1269	133858	Yes	3.84

Basu and Komal Jakhar		dihydroindeno [1,2-c]pyrazol-4(3aH)-ones						
Satbir Mor, Mohini Khatri, Suchita Sindhu, Ravinder Punia, Savita Nagoria, Anil Kumar, Ashwani Kumar	2022	Synthesis, antimicrobial activity, α -amylase inhibitory tests and molecular docking studies of thiazole based hydrazones derived from 2-acetyl-(1H) indene-1,3(2H)-diones	Pharmaceutical Chemistry Journal	Springer	56 (7)	925–934	Yes	2.1
Satbir Mor, Suchita Sindhu, Mohini Khatri, Ravinder Punia and Komal Jakhar	2022	Synthesis, Type II diabetes inhibitory activity, antimicrobial evaluation, and docking studies of N'-arylidene-2-((7-methylbenzo [4,5]thiazolo[2,3-c] [1,2,4] triazol-3-yl)thio)acetohydrazides	European Journal of Chemistry	Atlanta	13(4)	426–434	Yes	0.6
Satbir Mor, Mohini Khatri, Ravinder Punia, Komal Jakhar	2023	Synthesis and in vitro antimicrobial evaluation of benzothiazolylindenopyrazoles	Medicinal Chemistry Research	Springer	32	47–56	Yes	1.612
Satbir Mor and Mohini Khatri	2023	Convenient synthesis of benzothiazino isoindol-11-ones and benzoindenthiazin-11-ones, and antimicrobial testing thereof	Molecular Diversity	Springer	27	1223–1241	Yes	3.364
Manju Rani, Jai Devi, Binesh Kumar	2023	Thiosemicarbazones-based Co(II), Ni(II), Cu(II) and Zn(II) complexes: synthesis, structural elucidation, biological activities and molecular docking.	Chemical Papers	Springer	77	6007–6027	Yes	2.2
Ankit Boora, Jai Devi, Tanmay Rom, Avijit Kumar Paul.	2023	Synthesis, characterization, single crystal structure, biological evaluation of ONO donor hydrazones and their diorganotin(IV) complexes	Journal of Molecular Structure	Elsevier	1284	1-14	Yes	3.8
Nikhil Dawar, Jai Devi, Binesh Kumar, Amit Dubey	2023	Synthesis, Characterization, Pharmacological Screening, Molecular Docking, DFT, MESP, ADMET Studies of Transition Metal(II) Chelates of Bidentate Schiff Base Ligand.	Inorganic Chemistry Communications	Elsevier	151	1-16	Yes	3.8
Binesh Kumar, Jai Devi, Anju Manuja	2023	Synthesis, structure elucidation, antioxidant, antimicrobial, anti-inflammatory and molecular docking studies of transition metal(II) complexes derived from heterocyclic Schiff base ligands.	Research on Chemical Intermediates	Springer	49	2455–2493	Yes	3.3

Sanjeev Kumar, Jai Devi, Amit Dubey, Deepak Kumar, Deepak Kumar Jindal, Sonika Asija, Archana Sharma	2022	Co(II), Ni(II), Cu(II) and Zn(II) complexes of Schiff base ligands: synthesis, characterization, DFT, in vitro antimicrobial activity and molecular docking studies	Research on Chemical Intermediates	Springer	49	939–965	Yes	3.3
Sushila Pachwania, Jai Devi, Bharti Taxak, Ankit Boora	2022	Synthesis, characterization, and biological evaluation of organotin(IV) complexes derived from Schiff bases of 3-methoxybenzohydrazide	Phosphorus, Sulfur, and Silicon and the Related Elements	Taylor & Francis	198	102–113	Yes	1.1
Sanjeev Kumar, Jai Devi, Vikas Dasharath Ghule	2022	Synthesis, spectral analysis, DFT-assisted studies, in vitro antioxidant and antimicrobial activity of transition metal complexes of hydrazone ligands derived from 4-nitrocinnamaldehyde	Research on Chemical Intermediates	Springer	48	3497–3525	Yes	3.3
Jai Devi, Ankit boora, Manju rani, Tanisha arora	2023	Recent Advancements in Organotin(IV) Complexes as Potent Cytotoxic Agents	AntiCancer Agents in Medicinal Chemistry	Bentham Science	23	164–191	Yes	2.8
Priyanka Yadav, C. P. Kaushik & Ashwani Kumar	2022	Synthesis and antimicrobial activity of piperazine containing substituted 1,2,3-triazoles with amide linkage	Synth Commun,	Taylor & Francis	52 (22)	2149 - 2162	Yes	2.1
Archna Yadav and C. P. Kaushik	2022	Synthesis and antibacterial evaluation of sulfonamide bridged disubstituted 1,2,3-triazoles	Synth Commun,	Taylor & Francis	52 (24)	2261 - 2275	Yes	2.1
Manisha Chahal, CP Kaushik, Raj Luxmi, Devinder Kumar and Ashwani Kumar	2023	Synthesis, antimicrobial, and antioxidant activities of disubstituted 1,2,3-triazoles with amide-hydroxyl functionality	Med Chem Res	Springer	32	85–98	Yes	2.3
Priyanka Yadav , C.P. Kaushik, Mukesh Kumar , Anil Kumar	2023	Phthalimide/Naphthalimide containing 1,2,3-triazole hybrids: Synthesis and Antimicrobial Evaluation	Journal of Molecular Structure	Elsveir	1276	134688	Yes	3.8
Archna 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
Priyanka Yadav, Chander Prakash Kaushik, Archana Yadav, Jyoti Yadav & D Singh	2023	Piperazine-1,2,3-triazole scaffolds: design, synthesis, anticancer and antimicrobial evaluation	Future Medicinal Chemistry	Future Science	15 (8)	679-697	Yes	4.2

Raman, A. P. S., Singh, M. B., Jain, P., Chaudhary, P, Bahadur, I., Lal, K., Kumar, V., Singh, P.	2022	An Update on Synthesis, Properties, Applications and Toxicity of the ILs	Journal of Molecular Liquids	Elsevier	364,	1199 89.	Yes	6.633
Kumar, A., Lal, K., Kumar, L., Kumar, A., & Tittal, R. K.	2022	Phenylhydrazone linked 1,2,3-triazole hybrids: synthesis, antimicrobial evaluation and docking studies as dual inhibitors of DNA gyrase and lanosterol 14- α demethylase.	Research on Chemical Intermediates	Springer	48(12)	5089 - 5111	Yes	3.125
Thakral, S., Rani, S., Lal, K., & Kumar, D.	2022	Synthesis and Characterization of 2-(2-((1-Aryl-1H-1, 2, 3-triazol-4-yl) methoxy) phenyl) benzoxazoles: Evaluation of Cytotoxicity and Antioxidant Activity.	Chemistry Select,	Wiley	7(43)	e202 2027 90	Yes	2.307
Kumar, V., Lal, K., Kumar, A., Tittal, R. K., Singh, M. B., & Singh, P.	2022	Efficient synthesis, antimicrobial and molecular modelling studies of 3-sulphenylated oxindole linked 1,2,3-triazole hybrids.	Research on Chemical Intermediates	Springer	49	917- 937	Yes	3.125
Yadav, M., Kumar, A., Lal, K., Singh, M. B., & Kumari, K.	2023	Facile synthesis, antimicrobial screening and docking studies of pyrrole-triazole hybrids as potential antimicrobial agents	Research on Chemical Intermediates	Springer	49	1311 - 1326	Yes	3.125
Yadav, M., Lal, K., Kumar, A., Singh, P., Vishvakarma, V. K., & Chandra, R.	2023	Click reaction inspired synthesis, antimicrobial evaluation and in silico docking of some pyrrole-chalcone linked 1,2,3-triazole hybrids.	Journal of Molecular Structur.	Elsevier	1273	1343 21	Yes	3.841
Kumar, A., Kumar, Y. Rohila, V., Lal, K.	2023	A Mini Review on Pharmacological Significance of Isatin-1,2,3-Triazole Hybrids.	Current Topics in Medicinal chemistry	Bentham Science Publishers	23 (2023)	833- 847.	Yes	3.570
Kumar, A., Lal, K., Kumar, V., Murtaza, M., Jaglan, S., Paul, A. K., Yadav, S., Kumari, K.	2023	Synthesis, Antimicrobial, Antibiofilm and Computational studies of Isatin-Semicarbazone Tethered 1,2,3-Triazoles	Bioorganic Chemistry,	Elsevier	133	1063 88	Yes	5.307
Kumar, V., Lal, K., Naveen., Tittal, R. K.	2023	The fate of heterogeneous catalysis & click chemistry for 1,2,3-triazoles: Nobel prize in chemistry 2022.	Catalysis Communications	Elsevier	176	1066 29	Yes	3.510

Yadav, M., Lal, K., Jose, D.A. Ghule, V. D., Tittal, R. K. (2023)	2023	Synthesis, photophysical and DFT investigations on 1,2,3-triazoles linked to chalcone and chalcone-pyrene	Chemical Papers	Springer	77	4457 - 4467	Yes	2.146
Sharma, M. K., Parashar, S., Sharma, D., Jakhar, K., Lal, K., Pandya, N. U., Om, H.	2023	Synthesis, characterization, docking and antimicrobial studies of binol based amide linked symmetrical bistriazoles.	Journal of the Indian Chemical Society	Elsevier	100(4)	1009 - 73	Yes	0.243
Sharma, K., Tittal, R. K., Lal, K., Mathpati, R. S.	2023	Fluorescent 7-azaindole N-linked 1,2,3-triazole: synthesis and study of antimicrobial, molecular docking, ADME and DFT properties	New Journal of Chemistry	Royal chemical society	47,	9077 - 9086.	Yes	3.069
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,	1356 - 60	Yes	3.841
Siddhi Gupta, Amit Arora, Varsha Saini, Devashish Mehta, Mehak Zahoor Khan, Deepak K. Mishra, Prabhu Srinivas Yavvari, Archana Singh, Sonu Kumar Gupta, Aasheesh Srivastava, Yashwant Kumar, Vikas Verma, Vinay K. Nandicoori, and Avinash Bajaj	2022	Hydrophobicity of Cholic Acid-Derived Amphiphiles Dictates the Antimicrobial Specificity	Biomaterials	ACS	8(11)	4996 - 5007	Yes	0.746
Laxmi Deswal, Vikas Verma, Jagat Singh Kirar, Devinder Kumar, Yogesh Deswal, Ashwani Kumar, Meenakshi Bhatia	2022	Benzimidazole- 1,2,3 - triazole- piperazine hybrids: design, synthesis, antidiabetic evaluation and molecular modelling studies	Research on Chemical Intermediates	Springer	49	1059 - 1083	Yes	3.125
Laxmi Deswal, Vikas Verma, Devinder Kumar, Yogesh Deswal, Ashwani Kumar, Rajnish Kumar, Mahavir Parshad, Meenakshi Bhatia	2022	Synthesis, antimicrobial and α -glucosidase inhibition of new benzimidazole- 1,2,3-triazole- indoline derivatives: a combined experimental and computational venture	Chemical Papers	Springer	76	7607 - 7622	Yes	2.2

Priyanka Verma, Amit Arora, Kajal Rana, Devashish Mehta, Raunak Kar, Vikas Verma, C. V. Srikanth, Veena S. Patil, Avinash Bajaj	2022	Gemini Lipid Nanoparticle (GLNP)-mediated Oral Delivery of TNF- α siRNA Mitigates Gut Inflammation via Inhibiting the Differentiation of CD4+ T Cells	Nanoscale	Royal Society of Chemistry	14	14717-14731	Yes	8.307
Jyoti Kataria, Pooja Devi, Pooja Rani	2022	Volumetric, Optical, and Spectroscopic Study of Molecular Interactions for Binary Liquid Mixtures of Gamma-Valerolactone with 2-Alkoxyethanols	J. Chem. Eng. Data	ACS	67, 10	2931 - 2947	Yes	2.6
Jyoti Kataria, Pooja Rani, Pooja Devi	2022	Insight into molecular interactions and structural changes of ethyl lactate and (tri/tetra)-ethylene glycol binary mixture: A thermophysical and spectral depiction	J. Chem. Thermodyn.	Elsevier	174, 106878	1-13	Yes	2.6
Anuradha Sharma, Shankar Sharma, Peter R Makgwane, Vijaya Kumari, Kavitha Kumari, Jyoti Kataria, Naveen Kumar	2022	Ag@AgCl/Cu2+-Bi2O3 nanocomposite for decontamination of Rhodamine B: adsorption, kinetics, thermodynamics, and photocatalytic aspects	The European Physical Journal Plus	Springer	137, 825	1-15	Yes	3.4

(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	-	-	-	03		03
Assistant Professor	-	-	-	03	01	04

(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/ Univ./etc.
Dr. Kashmiri Lal	Synthesis and Biological Evaluation of Isatin based 1,2,3-triazoles	International Conference on Molecules and Materials Technology (MMT-2023)	Department of Chemistry, NIT Kurukshetra	NIT Kurukshetra	April 21-22, 2023	---
Dr. Kashmiri Lal	Isatin-Thiosemicarbazone Appended 1,2,3-Triazoles: Synthesis and Antimicrobial Evaluation	International conference on "Advanced developments in Chemistry and Allied Sciences-2023	Department of Chemistry DCRUST, Murthal	DCRUST, Murthal	17-18 Jan 2023	

Dr. Kashmiri Lal	Antibacterial Evaluation and Docking Simulations of some Isatin-Semicarbazone derived 1,2,3-Triazoles	International Conference on "Recent Trends in Pure and Applied Sciences	Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyalaya, Islampur, Tal. Walwa, Dist. Sangli, Maharashtra	Islampur, Tal. Walwa, Dist. Sangli, Maharashtra	March 24-25, 2023	
Dr. Jyoti	Thermodynamics of viscous flow of binary system containing important Heat Transfer Fluid	1 st International Conference on Recent Advances in Chemical Sciences 2023 (ICRACS-2023)	Department of Chemistry, Mohanlal Sukhadia University	Udaipur, Rajasthan (India)	January 16-18, 2023	
Dr. Jyoti	Thermodynamic study of binary system containing imidazolium based ionic liquid with 2-methoxyethanol	International Conference on Molecules and Materials Technology (MMT-2023)	Department of Chemistry, National Institute of Technology, Kurukshetra	Kurukshetra, Haryana (India)	April 21-22, 2023	
Dr. Mahavir Parshad	Pyrazoles as transition metal chemosensors	International conference on Recent trends in pure and applied sciences (ICRTPAS-2022)	Smt. Kusumtai Raja Rambabu Patil Kanaya Mahavidyalaya, Islampur (Sangali) (M.S.)	Online	24-25, March 2023	Shivaji University Kolhapur

(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. Mahavir Parshad	Bipyrazole derived metal organic frameworks-Syntheses and applications"	National Conference on "Green Sustainable Chemistry: Agriculture and Environment	Markanda National College Shahabad, Markanda	Online	June 03, 2023	Director Higher Education Haryana

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

(e) Refresher Courses/ Orientation Courses: Nil

(f) National/International Webinars Attended

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Dr. Kashmiri Lal	"Leadership Development"	UGC-HRDC, GJUS&T	19 Dec 2022 – 24 Dec 2022
Dr Mahavir Parshad	Guidelines for Getting Funding for Projects from Various Funding Agencies	Punjabi University, Patiala	Online Mode on 09-06-2023 from 02:00 PM to 03:00 PM

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

- i. Refresher Course : 00
- ii. Orientation Course : 00
- iii. Webinar : 02
- iv. Total : 02

(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:

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

Prof. Devinder Kumar

- Life member, Indian Chemical Society, Kolkata
- Life member, Chemical Research Society of India, Bangalore
- Life member, The Indian Science Congress Association, Kolkata
- Subject Expert, UGBOS, Department of Chemistry, CBLU, Bhiwani
- Subject Expert, PGBOSR, Department of Chemistry, CBLU, Bhiwani
- Subject Expert, BOS, UIET, KU, Kurukshetra
- Subject Expert, BOS, Department of Chemistry, JCBUST, YMCA, Faridabad
- Associate Editor, Indian Journal of Heterocyclic Chemistry
- Member, Central Committee on implementation of NEP-2020

Prof. Sonika

- Member of Governing body, SDM College, Hansi
- Member of Governing body, FC College for Women, Hisar

Prof. Sathir Mor

- Life Member, Chemical Research Society of India, Bangalore
- Member of Under-Graduate Board of Studies (UGBOS) in Chemistry, CDLU, Sirsa w.e.f. 08.06.2021 to 07.06.2023 (Two years) (Ref. Endst. No. AC-II/73/2021/1456-1469, Dated 08-06-2021).
- Member of Post Graduate Board of Studies & Research (PGBOS&R) in Chemistry, CDLU, Sirsa w.e.f. 16.06.2021 to 15.06.2023 (Two years) (Ref. Endst. No. AC-II/117/2021/1486-1495, Dated 16-06-2021).
- Member Editorial Board of Referees, Arkivoc (Research Journal of Organic Chemistry), USA.
- Life Member, SF/6948 (LM), 2009, Indian Chemical Society, Kolkata, India.
- Life Member, L0170, 2014, The Indian Science Congress Association (14, Dr. Biresh Guha Street, Kolkata-700017) Haridwar Chapter (L0170, 2014).

Prof. Jai Devi

- Life Member, Chemical Research Society of India, Bangalore
- 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: Nil

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

Type	Name	Topic/ Subject	Institution	Dates
Invited talk	Prof Devinder Kumar	Phenyl iodine(III) diacetate-mediated oxidation and related compounds	108 th Indian Science Congress-2023, RTM Nagpur University, Nagpur	05.01.2023
Invited talk	Prof Devinder Kumar	NMR spectroscopy and its applications	International Conference on Molecules and Materials Technology, NIT, Kurukshetra	21.04,2023
Invited talk	Prof. Satbir Mor	(i) FTIR Spectroscopy (ii) Hands on FTIR Spectroscopy	MDU, Rohtak Association with Amity University (PMU)	26-09-2022
Extension lectures	Dr. Mahavir Parshad	Delivered lecture on “Heart fullness relaxation” in State Level Red Cross Training Camp at Vrindavan, Mathura (UP) 02.11.2022	Indian Red Cross Society, Haryana State Branch, Chandigarh	02.11.2022

(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 continue
2	Prof. Devinder Kumar	Dean Academic Affairs Dean, Faculty of Physical Science and Technology NEP Coordinator Director, CIL	
3	Prof. Sonika	Chairperson, Department of Chemistry Chief Warden (Girls)	01.08.2021 to till date 02-01-2021-01.01.2023
4	Prof. Jai Devi	(i) B. Tech Coordinator (ii) NAAC Coordinator (iii) Presiding Officer of Internal Complaint Committee (iv) Committee Member of various events organized by university	Dec. 2021-till date
5	Prof C P Kaushik	Deputy Director Central Instrumentation Laboratory, GJUS&T, Hisar	14-06-2023 onwards
6	Dr. Kashmiri Lal	Deputy Director, IQAC	February 2021 to till date
7	Dr. Jyoti	Programme Officer, NSS Teacher incharge, Chemical Society, Coordinator of Girls Hostel-I	30.12.2019- till date 06/2018-till date, Jan 2022 to till date

8	Dr. Mahavir Parshad	Director Hospitality Nodal Officer Sugaymay Bharat Abhiyan MOOC coordinator Department of Chemistry Placement coordinator Alumni coordinator	April 2021 till date July 2021, till date 2022-23 2022-23 2022-23
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(XVII) Training /Internship/ Placement Activities information of the Department:

Activity	No. of Students	No. of Companies *
Training	-	-
Placement	08	School

- 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:

Organized 'Science Conclave 2022' during December 5-6, 2022 on the theme: Science for Socio-Economic growth in collaboration with DST, Govt. of Haryana.

ii. Extension lecture: Nil

iii. Students tour

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Manali, Khoksar, Kasol, Manikarnika, Kheerganga	49	14-18, April 2023	Dr. Pawan Siwach, Mrs. Seema Nain

iv. Industry interaction programmes:

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
Industrial visit	Trishla Shawl factory	49	15, April 2023

(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
54	-	54	8.307
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	-
52	06	16	-

ANNEXURE -I

List of Ph.D. Research Scholars

Sr. No.	Registration No.	Name of the Candidate	Name of Supervisor	Name of Co-Supervisor
1	15059005	Mr. Jitender Kumar	Dr. J.B. Dahiya	---
2	16059001	Nisha	Prof. Devinder Kumar	--
3	16059004	Kismat Dhillon	Prof. J.B. Dahiya	--
4	16059006	Dinesh	Prof. J.B. Dahiya	--
5	16059007	Priyanka Devi	Prof. (Mrs.) Sonika	--
6	170059001	Sonia Saroya	Prof. (Mrs.) Sonika	--
7	17059003	Som Sharma	Dr. (Mrs.) Jai Devi	---
8	17059004	Jyoti	Dr. (Mrs.) Jai Devi	---
9	17059007	Mr. Sumit Thakral	Prof. Devinder Kumar	--
10	17059009	Mr. Amit	Dr. Vikas Verma	Dr. Avinash Bajaj
11	180050090001	Ms. Jyoti	Dr. C.P. Kaushik	--
12	180050090003	Ms. Manisha	Dr. C.P. Kaushik	---
13	180050090004	Mohini	Prof. Satbir Mor	--
14	180050090005	Yogesh	Prof. (Mrs.) Sonika	--
15	190050090004	Monika Yadav	Dr. Kashmiri Lal	--
16	180050080001	Pratibha Periwal	Dr. Vikas Verma	--
17	190050090005	Priyanka Yadav	Dr. C.P. Kaushik	--
18	190050090006	Archna Yadav	Dr. C.P. Kaushik	--
19	190050090007	Laxmi Narwal	Prof. J.B. Dahiya	--
20	190050090008	Naresh Kumar	Prof. Sonika	--
21	190050090009	Sanjeev Kumar	Dr. Jai Devi	--
22	190050090010	Vishal	Prof. J.B. Dahiya	--
23	190050090102	Jyoti Yadav	Dr. C.P. Kaushik	--
24	190050090103	Pooja Rani	Dr. Jyoti	--
25	190050090104	Pooja Devi	Dr. Jyoti	--
26	190050090105	Manju Rani	Dr. Jai Devi	--
27	190050090106	Binesh Kumar	Dr. Jai Devi	--
28	190050090107	Ravinder	Prof. Satbir Mor	--
29	190050090108	Aman Kumar	Dr. Kashmiri Lal	--
30	190050090109	Vikram	Dr. Vikas Verma	--
31	190050090110	Seema	Prof. J.B. Dahiya	--
32	190050090111	Alpna Gupta	Prof. J.B. Dahiya	--
33	190050090112	Kanchan Rani	Prof. J.B. Dahiya	--
34	190050090113	Parul Bhalla	Prof. R. Malhotra	Prof. Sonika
35	200050090101	Ankit	Dr. Jai Devi	--
36	200050090102	Sonia	Dr. Vikas Verma	--
37	200050090103	Vijay kumar	Dr. Kashmiri Lal	--
38	200050090104	Bharti	Dr. Jai Devi	--
39	200050090105	Sushma	Dr. Jyoti	--
40	200050090106	Tanisha	Dr. Jai Devi	--
41	200050090107	Manish Kumar	Dr. Kashmiri Lal	--
42	200050090109	Pinki	Prof. Sonika	
43	200050090110	Seema Devi	Dr. Jyoti	
44	200050090111	Shikha	Prof. Sonika	
45	200050090112	Swati	Prof. Jai Devi	
46	220050090102	Ritika	Dr. Vikas	
47	220050090103	Anju	Prof. Sonika	
48	220050090104	Renu	Dr. Mahavir Parshad	
49	220050090105	Anshul	Dr. Kashmiri Lal	
50	220050090106	Aman	Dr. Kashmiri Lal	
51	220050090107	Manju	Dr. Mahavir Parshad	
52	220050090108	Akanksha	Dr. Kashmiri Lal	

ANNEXURE-II

Ph.D. Scholars Degree Awarded during July, 2022 to June, 2023						
Sr. No.	Registration No.	Name of the Candidate	Name of Supervisor	Date of Registration, if registered	Dt. of Thesis submission	Degree Awarded
1	16059002	Ms. Suchita	Dr. Satbir Mor	06.10.2016	18.05.2021	29.07.2022
2	190050090001	Ms. Nisha Tomer	Prof. Rajesh Malhotra	18.03.2019	09.02.2022	29.07.2022
3	190050090002	Ms. Nisha Poonia	Dr. Kashmiri Lal	18.03.2019	08.02.2022	29.07.2022
4	190050090003	Ms. Apurva Goel	Prof. Rajesh Malhotra	18.03.2019	15.03.2022	12.10.2022
5	16059005	Ms. Suman Rani	Prof. Devinder Kumar	06.10.2016	28.02.2022	01.09.2022
6	17059006	Ms. Geeta	Prof. Devinder Kumar	07.09.2017	30.06.2022	01.09.2022
7	180050090003	Ms. Manisha	Dr. C.P. Kaushik	09.03.2018	10.02.2022	16.11.2022
8	180050090001	Ms. Jyoti	Dr. C.P. Kaushik	09.03.2018	04.07.2022	12.12.2022
9	17059003	Mr. Som Sharma	Dr. (Mrs.) Jai Devi	24.03.2017	30.06.2022	20.01.2023
10	16059006	Mr. Dinesh	Prof. J.B. Dahiya	06.10.2017	30.06.2022	20.01.2023
11	17059007	Mr. Sumit Thakral	Prof. Devinder Kumar	07.09.2017	06.09.2022	20.01.2023
12	190050090009	Mr. Sanjeev Kumar	Dr. Jai Devi	11.03.2020	16.08.2022	20.01.2023
13	170059001	Mr. Sonia Saroya	Prof. (Mrs.) Sonika	24.03.2017	30.06.2022	20.01.2023
14	180050090004	Ms. Mohini	Prof. Satbir Mor	05.10.2018	08.07.2022	27.03.2023
15	190050090004	Ms. Monika Yadav	Dr. Kashmiri Lal	19.09.2019	04.11.2022	25.04.2023
16	180050090005	Mr. Yogesh	Prof. Sonika	05.10.2018	09.12.2022	25.04.2023

DEPARTMENT OF CIVIL ENGINEERING

- (I) **Name** : Civil Engineering
- (II) **Year of Establishment** : 2018
- (III) (a) **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) **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, problem solving and application development
 - To occupy a position of pride among the eminent educational institutes of the Country
- (c) **Objective(s) 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)	

(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	01

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

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
60	53	41	33	61	73

- (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)
- (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. Nil**
 - b) **Research Papers/ Articles in Journals; Nil**

- (XII) Participation of faculty in Seminars/Conferences/Workshops and refresher courses etc. during the period: Nil
- Total Number of Seminars/ Conferences attended by faculty and papers presented; Nil
 - International Conferences/ Seminars/ Workshops: Nil
 - National Conferences/ Seminars/ Workshops: Nil
 - Regional/ State Level Conferences/ Seminars/ Workshops: Nil
 - Refresher Courses/ Orientation Courses: Nil
 - National/International Webinars Attended; Nil
 - Total number of Refresher/ Orientation Course/Webinar attended: Nil
- (XIII) Association with National and State Level Bodies Nil
(Give Faculty-wise details):
- Membership of Professional Bodies:
 - Member of Expert Committees:
 - Member of Academic Bodies of other institutions:
 - 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	19	6
Placement	2	2

- Note:- Please attach a list of companies alongwith number of students for training and placement with dates, etc.. (File attached)Annexure-II

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

- Seminar/Conference/Refreshers course/Workshop/Training Programme
- Extension lecture: Nil
- Students tour Nil
- 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	-
-	-	-	-
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 COMPUTER SCIENCE & ENGINEERING

(I) **Name** : Computer Science & Engineering

(II) **Year of Establishment:** 1995

(III) (a) **Vision of the Department:** The vision of the Department is to become a centre 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 of the Department:**

- 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) **State the mission of the Department:** 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	93
P.G (MCA & M.Tech.)	MCA-60 M.Tech.CSE)-30	119+25 = 144
U.G. (B.Tech. CSE)	B.Tech. CSE-120+24*	140+157+142+153 = 592
U.G. (B Tech IT)	B Tech IT-60+12*	71 +78 +76 +75 =300
U.G. (B Tech AI & ML)	B Tech AI & ML -60+12*	70 +77 +69 =216
Any other: Through Distance Mode BCA, PGDCA, MSc. Computer Science, MCA and MCA 5 year Integrated	To be obtained from DE	To be obtained from DE

*LEET

(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	00	10	05 Associate Professor promoted to Professor under CAS & 5 Assistant Professor promoted to Associate Professor/Professor under CAS
Associate Professor	12	05	08	05 Associate Professor already promoted to Professor Under CAS and 3 Assistant Professor promoted to Associate Professor under CAS
Assistant Professor	24	20 +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	Professor	Ph.D.	32	12
2	Prof. Saroj	Professor	Ph.D.	25	9
3	Prof. Yogesh Chaba	Professor	Ph.D.	26	8
4	Prof. Pradeep Bhatia	Professor	Ph.D.	29	9
5	Prof. Rishi Pal Singh	Professor	Ph.D.	23	9
6	Prof. Dharmender Kumar	Professor	Ph.D.	19	5
7	Prof. Om Prakash Sangwan	Professor/Chairman	Ph.D.	18	10
8	Prof. Sanjeev Kumar	Professor	Ph.D.	18	1
9	Prof. Jyoti	Professor	Ph.D.	17	4
10	Dr. Sunila	Professor	Ph.D.	16	3
11	Prof. Ritu	Associate Professor	Ph.D.	16	
12	Dr. Sunil Nandal	Associate Professor	Ph.D.	16	2
13	Prof. Jaswinder Singh	Associate Professor	Ph.D.	18	1
14	Dr. Jai Bhagwan	Assistant Professor	Ph.D.	10	1
15	Dr. Narender	Assistant Professor	Ph.D.	14	2
16	Dr. Amandeep	Assistant Professor	Ph.D.	13	3
17	Dr. Manoj	Assistant Professor	Ph.D.	10	1
18	Dr. Abhishek Kajal	Assistant Professor	Ph.D.	13	3
19	Dr. Sakshi Dhingra	Assistant Professor	Ph.D.	9	2
20	Dr. Anju	Assistant Professor	Ph.D.	9	5
21	Dr. Sunita	Assistant Professor	Ph.D.	17	3
22	Dr. Deepak Nandal	Assistant Professor	Ph.D.	10	2
23	Dr. Sunil Kumar	Assistant Professor	Ph.D.	9	
24	Dr. Krishan Kumar Ranga	Assistant Professor	Ph.D.	23	
25	Dr. Seema (On Deputation)	Assistant Professor	Ph.D.	18	
26	Dr. Sunil Kumar	Assistant Professor	Ph.D.	18.5	10

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned Strength	In Position Strength
System Manager	1	1
Programmer	1	NIL
Supdt.	1	NIL
Dy.Supdt.	2	1
Tech Asst – I	2	2
Sr. Hardware Technician	-	NIL
Asst	5	3
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	8
Peon	4	1+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	15	10
MCA	60	60	59

(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	140	120 + 12	135+22 = 157	153	142

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	70 + 8 = 78	76	75

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	77	69	--

(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
93	12	14	14

List of Pre. Ph.D 2022-23 Students

Sr. No.	Roll No.	Name	Father's Name	Guide/Supervisor Name
1	220010090101	Nisha	Baljit	Dr. Jai Bhagwan
2	220010090102	Soni Bedain	Rajbir Singh	Dr. Dharmender Kumar
3	220010090103	Mandeep Kumar	Mahabir Singh	Dr. Abhishek Kajal
4	220010090104	Abhishek Bishnoi	Prem Kumar	Dr. Jai Bhagwan
5	220010090105	Priyanka	Rajkumar	Prof. Sanjeev Khambra
6	220010090107	Nisha Rani	Ramesh Kumar	Prof. Sanjeev Khambra
7	220010090108	Neha	Krishan Kumar	Dr. Abhishek Kajal
8	220010090109	Rajni	Mahavir	Dr. Sakshi Dhingra
9	220010090110	Sushma Saini	Daleep Singh	Dr. Jai Bhagwan
10	220010090111	Rekha	Pale Ram	Dr. Abhishek Kajal
11	220010090112	Jyoti Kaushik	Madan Lal Kaushik	Dr. O.P.Sangwan
12	220010090113	Kanika	Bharat Bhushan	Prof. Yogesh Chaba

(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
04	--	--

(b.)

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Detection of Brain Tumor from MRI Images and its Classification	Prof. O.P. Sangwan	In Progress	Research	---
IOT Based Patient Tracking & Monitoring System	Prof. Dharmender Kumar	In Progress	Research	---
Crime Investigation Management Tool	Prof. O.P. Sangwan	In Progress	Research	---
Aatm-Nirbhar Teaching Plateform	Dr. Amandeep	In Progress	Research	---

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- 04 Chapter-10	35	10	45	--	--

(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	DOI/URL
Prof Pradeep Kumar Bhatia	Machine Learning	2023	Book	VK Publisher Pvt Ltd Delhi	---
Prof Pradeep Kumar Bhatia	Issues and Challenges Associated with Machine Learning Tools for Health Care System	2022	Book Chapter	Data Science for Effective Healthcare Systems, pp 69-78	---
Dr. Ritu Makani	Role of Digital Technology during the pandemic	March 2023	Book Chapter	AN Publications	---
Jaswinder Singh	Explainable Artificial Intelligence: Concepts and Current Progression. In Explainable Edge AI: A Futuristic Computing Perspective. Studies in Computational Intelligence	Nov. 2022	Book Chapter	Springer, Cham.	https://doi.org/10.1007/978-3-031-18292-1_1
Jaswinder Singh	A Comprehensive Study of Crop Disease Detection using Machine Learning Classification Techniques In: Key Digital Trends Shaping the Future of Information and Management Science. ISMS 2022. Lecture Notes in Networks and Systems, vol. 671	May, 2023	Book Chapter	Springer, Cham.	https://doi.org/10.1007/978-3-031-31153-6_41
Anju Sangwan & Anupma Sangwan	A Hybrid Approach to Optimize Handover Margin in UWSN by Integration of ACO with PSO and MVO: A Comparative Analysis	2022	Book Chapter	Springer	DOI:10.1007/978-981-19-3679-1_25
Dr Deepak Nandal,	The Complete Guide to DBMS: DBMS Fundamentals: A Practical Approach	2023	Book	Amazon publishing unit (APub)	---
Dr Deepak Nandal, Dr Vikas, Dr Monica	The Fundamentals of Software Engineering: A Roadmap for Success:	2023	Book	Amazon publishing unit(APub)	---
Sunil Kumar	Computer Operator and Programming Assistant	2023	Book	Satya Prakashan	---
<u>Khushboo Taneja, Jyoti Vashishtha</u>	<u>Comparison of Transfer Learning and Traditional Machine Learning Approach for Text Classification</u>	2022	Book Chapter	INDIACom	10.23919/INDIACom54597.2022.9763279

Himanshi, Jyoti Vashishtha	A Holistic Study on Aspect-Based Sentiment Analysis	2023/ Springer Link	Book Chapter	Algorithms for Intelligent systems (AIS)	https://doi.org/10.1007/978-981-99-1435-7_20
Ms Priyanka Arora, Dr. Ritu Makani	Role of Digital Technology during the pandemic	March 2023	Book Chapter	AN Publications	---
Om Prakash Sangwan	Information Retrieval in Conjunction with Deep Learning	2022	Book Chapter	IGI Global Publisher	---
Om Prakash Sangwan	Deep Learning Approaches for Textual Sentiment Analysis	2022	Book Chapter	IGI Global Publisher	---

b) Research Papers/ Articles in Journals

Sr. No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol.& No.	Pages	SCI/ Scopus	ISSN No.	DOI
1.	Dharminder Kumar	2022	Hyperspectral image classification using meta-heuristics and artificial neural network	Journal of Information and Optimization Sciences (JIOS)	Taylor & Francis online	43(8, 16) 2022	---	---	2167-2179	https://doi.org/10.1080/02522667.2022.2133222
2.	Saroj Ratnoo	2023	Cluster analysis of socio-economic factors and academic performance of school students	Indonesian Journal of Electrical Engineering and Computer Science	Indonesian Journal of Electrical Engineering and Computer Science	31(3)	---	Scopus	2502-4752	10.11591/ijeecs.v31.i3.pp1568-1577.
3.	Saroj Ratnoo	2023	Ensemble Transfer Learning for Robust Human Activity Recognition from Images	International Journal of Computer Information Systems and Industrial Management Applications	International Journal of Computer Information Systems and Industrial Management Applications	15 2023	250-258	Scopus	2150-7988	---
4.	Saroj Ratnoo	2022	Fine Tuning CNN for COVID-19 Patterns Detection from Chest Radiographs	International Journal Reliable and Quality E-Health	International Journal Reliable and Quality E-Health	11(4)	1–15	Scopus	2160-9551	10.4018/IJRQE.H.308801
5.	Saroj Ratnoo	2022	Predicting student dropouts using random forest	Journal of Statistics and Management Systems	Journal of Statistics and Management Systems	25(7)	1579–1590	---	0972-0510	10.1080/09720510.2022.2130570
6.	Pradeep Kumar Bhatia	2023	An Application of PSO in TEST Suite Minimization	International Journal of Experimental Research and Review	International Journal of Experimental Research and Review	---	---	Scopus	2455-4855	---
7.	Pradeep Kumar Bhatia	2023	An Improved Artificial Bee Colony Optimization Algorithm for Test Suit Minimization	International Journal of Advanced Computer Science and Applications	The Science and Information Origination	14(7)	675-684	ESCI, Scopus	2156-5570	---
8.	Pradeep Kumar Bhatia	2022	Performance Analysis of Software Etios Test Effort Estimation using Genetic Algorithm and Neural Network	International Journal of Advanced Computer Science and Applications	The science and information Origination	13(10)	376-383	SCI	2156-5570	10.14569/IJACS.A.2022.0131045
9.	Pradeep Kumar Bhatia	2022	An Advanced Testing Effort Calculation Algorithm Architecture using GA and Neural Network	International Journal of Engineering Trends and Technology	SSRG	29(5)	60-73	Scopus	2231-5381	10.14445/22315381/IJETT-V70I5P208
10.	Rishi Pal Singh	2022	Enhancing the Security and Performance of Cloud-Based Distance Education System	Lecture Notes in Electrical Engineering	Springer Nature	888	229-246	Scopus	2367-3389	https://doi.org/10.1007/978-981-19-1520-8_18

11.	Rishi Pal Singh	2022	A Classification of Misbehaviour detection Schemes for VANET: A Survey	Wireless Personal Communications	Springer Nature	129(1)	285-322	SCI	0929-6212	https://doi.org/10.1007/s11277-022-10098-1
12.	Dharmender Kumar	2023	Enhanced Grey Wolf Optimization based Hyper-parameter optimized Convolution Neural Network for Kidney Image Classification	International Journal on Recent and Innovation Trends in Computing and Communication	Auricle Global Society of Education and Research	11(5)	363-374	Scopus	2321-8169	https://doi.org/10.17762/ijritcc.v11i5.6624
13.	Dr. Ritu Makani	2022	Working Principles, Application areas, and Challenges for Blockchain Technology	Mathematical Statistician and Engineering Applications	Auricle Technologies, Pvt., Ltd	71(4)	8429-8439	Scopus	2094-0343	http://philstat.org.ph
14.	Dr. Ritu Makani	2022	The Role of Artificial Intelligence into Health Care	ANVESAK	ANVESAK	52(2)	91-93	UGC Care Group I Journal	0378-4568	----
15.	Jaswinder Singh	2023	An Experimental Study of tomato Viral leaf diseases detection using machine learning classification techniques	Bulletin of Electrical Engineering and Informatics	Institute of Advanced Engineering and Science	12(1)	451-461.	Scopus	2089-3191	https://doi.org/10.11591/eei.v12i1.4385
16.	Jaswinder Singh	2023	Comparative Analysis of Predictive Machine Learning Algorithms for Diabetes Mellitus	Bulletin of Electrical Engineering and Informatics	Institute of Advanced Engineering and Science	12(3)	1728-1737	Scopus	2089-3191	doi.org/10.11591/eei.v12i3.4412
17.	Jaswinder Singh	2022	A Comprehensive study of Disease Prediction using Machine Learning	International Journal of Advanced Computational Engineering and Networking	Institute of Technology and Research	10(7)	28-35	---	2320-2106	iraj.doionline.org/dx/IIACEN-IRAJ-DOIONLINE-18835
18.	Jaswinder Singh	2022	Extensive Review of Comparative Study of OSPF, Rip and EIGRP Routing Protocols based on Quantitative Metrics	International Journal of Advanced Computational Engineering and Networking	Institute of Technology and Research	10(8)	7-11	---	2320-2106	iraj.doionline.org/dx/IIACEN-IRAJ-DOIONLINE-18956
19.	Narender Kumar	2023	Enhanced Grey Wolf Optimization based Hyper-parameter optimized Convolution Neural Network for Kidney Image Classification, International	International Journal on Recent and Innovation Trends in Computing and Communication	Auricle Global Society of Education and Research	11(5)	363-374	Scopus	2321-8169	https://doi.org/10.17762/ijritcc.v11i5.6624

			Journal on Recent and Innovation Trends in Computing and Communication							
20.	Amandeep Noliya	2023	Performance Analysis of Support Vector Machine Learning Based Carrier Aggregation Resource scheduling in 5G Mobile Communication	Elsevier Procedia Computer Science	Elsevier	218	2776–2785	Scopus	1877-0509	/www.sciencedirect.com/science/article/pii/S1877050923002491
21.	Amandeep Noliya	2023	Investigating Resource Allocation Techniques and Key Performance Indicators (KPIs) for 5G New Radio Networks: A Review	International Journal of Computer Networks and Applications (IJCNA)	Ever Science Publications	10(3)	422-442	Scopus	2395-0455	www.ijcna.org/Manuscripts/IJCNA-2023-O-31.pdf
22.	Abhishek Kajal	2023	Enhancement of Accuracy and performance of Deep Learning System for Intrusion Detection	Grenze International Journal of Engineering and Technology	Grenze Scientific Society	9(2)	947 – 954	---	2395-5295	thegrenze.com/index.php?display=page&view=journalabstract&absid=1964&id=8
23.	Anju Sangwan	2022	A Classification of Misbehaviour detection Schemes for VANET: A Survey	Wireless Personal Communications	Springer Nature	129(1)	285-322	SCI	0929-6212	https://doi.org/10.1007/s11277-022-10098-1
24.	Anju Sangwan		The Use of Computational Geometry Techniques to Resolve the Issues of Coverage and Connectivity in Wireless Sensor Networks	Sensors	MDPI	22(18)	1-32	SCI	1424-8220	10.3390/s22187009
25.	Anju Sangwan	2023	A Review and Analysis of Localization Techniques in Underwater Wireless Sensor Networks	Computers Materials & Continua	Tech Science Press	75(3)	5697-5715	SCI	1546-2218	10.32604/cmc.2023.033007
26.	Sunil Kumar	2022	An Optimal Random Forest Classifier for Diagnosing Covid-19 from X-ray and CTscan Images	Journal of Scientific Research,	JSR	66(2)	189–197	---	0447-9483	DOI: 10.37398/JSR.2022.660225
27.	Seema Rani	2023	Wearable Sensors and IOT Integration towards Personalized and Pervasive Healthcare	European Chemical Bulletin.	European Chemical Bulletin.	12(3)	4712–4723	Scopus	2063-5346	DOI: 10.31838/ecb/2023.12.s3.528

28.	Ayush Sharma	2023	Energy Efficient Data Aggregation Approach for Sensor Network using TrustMechanism	International Journal of Recent Technology and Engineering (IJRTE)	(BEIESP)	12(2)	84-90	---	2277-3878	----
29.	Anupma Sangwan	2022	Enhancing the Security and Performance of Cloud-Based Distance Education System	Lecture Notes in Electrical Engineering	Springer Nature	888	229-246	Scopus	1876-1100	https://doi.org/10.1007/978-981-19-1520-8_18
30.	Anupma Sangwan	2022	The Use of Computational Geometry Techniques to Resolve the Issues of Coverage and Connectivity in Wireless Sensor Networks	Sensors	MDPI	22(18)	1-32	SCI	1424-8220	https://doi.org/10.3390/s22187009
31.	Anupma Sangwan	2022	Determinants of Teacher's Attitude towards Online Teaching and Learning	Journal of Curriculum and Teaching	Sciedu Press	11(8)	134-147	Scopus	1927-2677	https://doi.org/10.5430/jct.v11n8p134
32.	Anupma Sangwan	2023	A Classification of Misbehavior Detection Schemes for VANETs: A Survey	Wireless Personal Communications	Springer Nature	129	285-322	SCI	0929-6212	https://doi.org/10.1007/s11277-022-10098-1
33.	Anupma Sangwan	2022	A Hybrid Approach to Optimize Handover Margin in UWSN by Integration of ACO with PSO and MVO: A Comparative Analysis	Lecture Notes in Networks and Systems	Springer Nature	492	323-337	Scopus	2367-3389	https://doi.org/10.1007/978-981-19-3679-1_25
34.	Anupma Sangwan	2023	A Review and Analysis of Localization Techniques in Underwater Wireless Sensor Networks	Computers, Materials & Continua	Tech Science Press	75(3)	5697-5715	SCI	1546-2218	https://doi.org/10.32604/cmc.2023.033007
35.	Sunil Kumar	2022	SMART GRID IOT SECURITY THREATS AND MITIGATION FRAMEWORKS: A REVIEW	Journal of East China University of Science and Technology	East China University of Science and Technology	65(3)	984-990	Scopus	1006-3080	http://hdlgdxhb.info/index.php/JE_CUST/article/view/347
36.	Sunil Kumar	2023	Ensemble Learning based malicious node detection in SDN based VANETs	Journal of Information Systems Engineering and Business Intelligence (JISEBI)	Universitas Airlangga, Indonesia	9(2)	---	Scopus	2443-2555	---

37.	Jyoti Vashishtha	2023	Efficient Deep Pre-Trained Sentence Embedding Model for Similarity Search	International Journal of Computer Information Systems and Industrial Management Applications	MIR Labs USA	15	605-615	Scopus	2150-7988	---
38.	Ritu Makani	2022	Working Principles, Application areas, and Challenges for Blockchain Technology	Mathematical Statistician and Engineering Applications	Auricle Technologies, Pvt., Ltd	71(4)	8429-8439	Scopus	2094-0343	http://philstat.org.ph
39.	Ritu Makani	2022	THE ROLE OF ARTIFICIAL INTELLIGENCE INTO HEALTH CARE	ANVESAK	ANVESAK	52(2)	91-93	UGC Care Group I Journal	0378-4568	---
40.	Ritu Makani and Amandeep	2023	Secure and Compatible Integration of Cloud-Based ERP Solution: A Review	International Journal of Intelligent Systems and Applications in Engineering	Ismail Saritas	11(9)	695-707	Scopus indexed	2147-6799	https://doi.org/10.5815/ijisa
41.	Ritu Makani and Amandeep	2023	Secure and Compatible Integration of Cloud-Based ERP Solution	Journal of Army Engineering	University of PLA	23(1)	183-189	Scopus	2097-0730	---
42.	Om Prakash Sangwan	2023	Classifying Weather Images using Deep Neural Networks for Large Scale Datasets	International Journal of Advanced Computer Science and Applications	International Journal of Advanced Computer Science and Applications	14(1)	337-343	Web of Science	2156-5570	https://doi.org/10.14569/IJACS.A.2023.0140136
43.	Om Prakash Sangwan	2022	Framework for Evaluating Cloud Computing Services using AHP and TOPSIS Approaches with Interval Valued Spherical Fuzzy Sets	Journal of Cluster Computing	Springer	25(6)	4383-4396	ESCI	1573-7543	https://doi.org/10.1007/s10586-022-03679-z
44.	Om Prakash Sangwan	2023	Quality of Service Prediction Model in Cloud Computing using Adaptive Dynamic Programming Parameter Tuner	International Journal of Grid and Utility Computing	Inder Science	14(1)	---	ESCI	1741-8488	https://doi.org/10.1504/IJGUC.2023.129699
45.	Om Prakash Sangwan	2023	Feature Agglomeration Based Framework for Software Bug Prediction	Indian Journal of Computer Science and Engineering	Indian Journal of Computer Science and Engineering	13(3)	642-652	Scopus	0976-5166	https://doi.org/10.1007/s10586-022-03679-z

(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	12	1	--	12	1	--
Associate Professor	2	--	--	2	--	--
Assistant Professor	16	--	--	16	--	--

(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	Funded by UGC/DST CSIR/AICTE/ Univ./etc	DOI
1.	Dharminder Kumar	A review on Dynamic Load Balancing Algorithms	3rd International Conference on Computing, Communication, and Intelligent Systems ICCIS-2022	ICCCIS-2022	Greater Noida, India pp. 515-520	4-5 November 2022	---	10.1109/ICCCIS56430.2022.10037671 (978-1-6654-6200-6/22/\$31.00 ©2022 IEEE) (IEEE Xplore)
2.	Dharminder Kumar	Stock price prediction using Machine Learning Techniques: A review	2nd international Conference on Computational intelligence and sustainable Engineering Solutions (CISES-2023)	---	---	April 28-30, 2023	---	10.1109/CISES58720.2023.10183507 (IEEE Xplore)
3.	Saroj Ratnoo	Review of Deep Learning Techniques for Human Activity Recognition	22 nd International Conference on Hybrid Intelligent Systems	Lecture Notes in Networks and Systems	---	2022	---	---
4.	Saroj Ratnoo	Population-Based Meta-heuristics for Feature Selection: A Multi-objective Perspective	Proceedings of International Conference on Data Science and Applications	Springer Nature	---	2023	---	10.1007/978-981-19-6631-6_18
5.	Saroj Ratnoo	Reviewing Machine Learning Algorithms for Fake News Detection,	Computing and Intelligent Systems	CIS	Goa, India	2023	---	https://doi.org/10.56155/978-81-955020-2-8
6.	Pradeep Kumar Bhatia	A review on Nature Inspired Algorithm for Test Suite Optimization	AI Conference Proceeding	AIP Publication	---	2023	---	---

7.	Pradeep Kumar Bhatia	Multiple Feature based Classification for the Prediction of Brain Tumour	Seventh International Conference on Parallel, Distributed and Grid Computing (PDGC)	IEEE	---	2022	---	---
8.	Pradeep Kumar Bhatia	Selection of Effective Parameters for Optimizing Software Testing Effort Estimation	In conference Proceeding Published by Taylor's & Frances (Accepted)	Taylor's & Frances	---	2022	---	---
9.	Om Prakash Sangwan	A Novel Approach for Software Effort Estimation using Optimized C&K Metrics	2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	IEEE	BM Institute of Engineering and Technology, Sonapat	2022	---	---
10.	Om Prakash Sangwan	Feature Reduction Techniques for Software Bug Prediction	3rd International Conference on Innovations in Communication Computing and Sciences	American Institute of Physics (AIP) Series, AIP proceeding	---	2023	---	DOI: https://doi.org/10.1063/5.0105725
11.	Om Prakash Sangwan	Cloud Service Selection using Various MCDM Techniques: A Comparative Analysis	13th International Conference on Soft Computing and Pattern Recognition	Springer	---	2023	---	DOI: https://doi.org/10.1007/978-3-030-96302-6_34
12.	Om Prakash Sangwan	A Software Quality Prediction Model for Aspect-Oriented System using Neuro-Fuzzy Approach	International Conference on Engineering & Technology	International Conference on Engineering & Technology	Chandigarh, India	2023	---	---
13.	Ritu Nagpal	Blockchain Technology and Its Applications: A Systematic Review of the Literature	International Conference on Computational and Intelligent Data Science	International Conference on Computational and Intelligent Data Science	Panipat, Haryana	2022	---	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4121824 (website)
14.	Ritu Nagpal	Intrusion Detection System: An Analytical Approach	International Conference on Recent Advances in Engineering and Technology	Science Globe	Thiruvananthapuram	01 Feb 2023	---	---
15.	Amandeep Noliya	Analysis of different Resource Allocation Techniques used in 5G Mobile Networks	13th International Conference on Advances in Computing, Control, and Telecommunication Technologies,	SCOPUS	---	ACT 2022, 8, pp. 1178–1183	---	---

16.	Amandeep Noliya	A review on sentiment Analysis using Machine Learning	IEEE International Conference on Innovative Data Communication Technologies and Application (ICIDCA-2023)	IEEE	University, Dehradun	14-16, March 2023	---	ISBN: 979-8-3503-9719-2, Page No. 139-142. (Scopus Index)
17.	Amandeep Noliya	Analysis of machine learning based IDS for detection of Anomaly Profiles,	International Conference on Computer Science,	Cyber Security and Information Technology (CCIT)	---	2023	---	---
18.	Amandeep Noliya	Advanced Persistent Threat and Machine Learning,	2nd International Conference on Recent Development	Engineering, Sciences, Humanities, and Management [ESHM-2023]	Government Engineering College Bharatpur, Rajasthan and International Association of Research and Development	18th March 2023	---	ISBN: 978-93-91535-43-8, pp. 405-411.
19.	Amandeep Noliya	INCORPORATING E-INVOICING IN CLOUD-BASED ERP SOLUTION	8th International Conference on Research Developments in	Applied Science, Engineering & Management (AEM-2023)	the Indian council of social science research, Punjab University Campus, Chandigarh,	pp. 334-341, 30 July 2023,	---	ISBN- 978-93-91535-55-1
20.	Dr Manoj	Accuracy enhancement for decision making in vanet using machine learning approach	13th International Conference on Advances	Communication, Network, and Computing-CNC 2022	Bengaluru, India.	Jul 29-30, 2022	---	---
21.	Dr Manoj	Key Cryptographic Methods in the Cloud: A Comparative Study.	3rd International Conference on Intelligent Communication and Computational Techniques (ICCT)	IEEE	Jaipur, India	Jan 19, 2023	---	---
22.	Dr Manoj	A Hybrid Cryptography Approach Using Symmetric, Asymmetric and DNA Based Encryption	3rd International Conference on Intelligent Communication and Computational Techniques (ICCT)	IEEE	Jaipur, India	Jan 19, 2023	---	---
23.	Dr. Abhishek Kajal	A Review of Intrusion Detection Systems using Deep Learning Techniques	International Conference on intelligent Computing Technologies and Research (i-COMPUTER 2023)	Department of Computer Science and Engineering, National Institute of Technology (NIT), Puducherry	Karaikal	March 24-25, 2023	---	---

24.	Dr. Abhishek Kajal	Accuracy Enhancement for Intrusion Detection Systems using LSTM Approach	Springer international Conference on Recent Developments in Cyber Security (ReDCySec-2023)	Center for Cyber Security and Cryptology, Sharda University	Greater Noida	June 16-17, 2023	---	---
25.	Prof O.P Sangwan, Dr Deepak Nandal, Rekha	A Novel Approach for Software Effort Estimation using Optimized C&K Metrics	2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	IEEE	BM Institute of Engineering and Technology, Sonapat	8th-9th July 2022	---	---
26.	Dr Deepak Nandal, Pooja Brar	A Systematic Literature Review of Machine Learning Techniques for Software Effort Estimation Models	2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	IEEE	BM Institute of Engineering and Technology, Sonapat	8th-9th July 2022	---	---
27.	Dr Deepak Nandal, Pankaj	Cryptocurrency Price Prediction by Integrating Optimization Mechanism to Machine Learning	Hinweis International Conference on Advances in Information, Telecommunication and Computing	Scopus	Grenze Scientific Society, 2023	17th-18th Feb 2023	---	---
28.	Sakshi Dhingra	A review on Dynamic Load Balancing Algorithms	3rd International Conference on Computing, Communication, and Intelligent Systems ICCIS-2022	ICCCIS-2022	Greater Noida, India pp. 515-520	4-5 November 2022	---	10.1109/ICCCIS56430.2022.10037671 (978-1-6654-6200-6/22/\$31.00 ©2022 IEEE) (IEEE Xplore)
29.	Sunil Kumar	Federated Learning Approaches to Diverse Machine Learning Model: A Review	7th international Conference on Information and communication Technology for Intelligent System	Springer Nature	LNNS, volume 720	- pp. 259–269	---	---

(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.
Pradeep Kumar Bhatia	Practicing Testing Efforts Estimation Using Soft Computing Techniques	National Conference on Future Innovation in Computing Technology and Machine Learning (FICTM-17)	DCSA MDU , Rohtak.	Rohtak	---	---

(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. Jaswinder Singh	Machine Learning for Internet of Things	GJUST, Hisar	Deptt. of Emerging Technology	GJUST	Hisar	15 /5 2023 --to-- 20/5/2023
2.	Dr. Jaswinder Singh	Emerging Trends in Data Analytics, Machine Learning, Cloud Computing and Internet of Things	Amity University	Deptt. of Computer Science, Amity School of Engineering & Technology	Amity University	Noida	12/6/2023. --to-- 16/6/2023
3.	Dr. Narender Kumar	Refresher Course on "Artificial Intelligence and Machine Learning"	HRDC Punjabi Uni. Patiala	HRDC	PU Patiala	On-line	09-01-23 to 21-01-23
4.	Dr. Narender Kumar	FDP on "Malware Analysis with Data Science"	Electronic and ICT Academy ,IIITDM Jabalpur MNIT Jaipur and NIT Patna	---	Electronic and ICT Academy ,IIITDM Jabalpur MNIT Jaipur & NIT Patna	On-line	29-08-22 To 09-09-22
5.	Dr Manoj	Artificial Intelligence and Machine Learning	HRDC, Punjabi University, Patiala, Punjab, India.	HRDC	Punjabi University, Patiala	Patiala, Punjab, India.	---
6.	Dr Manoj	AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on "5G from Theory to Practice"	Amrita Vishwa Vidyapeetham	---	Amrita Vishwa Vidyapeetham	Bengaluru campus	---
7.	Dr Manoj	One Week Faculty Development Programme on "Artificial Intelligence & Machine Learning	organized by Department of Emerging Technology, GJUS&T, Hisar	Department of Emerging Technology	GJUS&T, Hisar	GJUS&T, Hisar	---
8.	Dr Manoj	One-day awareness Workshop programme on "Energy Conservation Building Code (ECBC) and Eco Niwas Samhita Code (ENS)	ECBC and ENS Cell	---	HAREDA in association BEE	GJUS&T, Hisar	---
9.	Dr. Abhishek Kajal	Refresher Course on Artificial Intelligence and Machine Learning	Punjabi University, Patiala	HRDC	Punjabi University	Patiala	Jan 09-21, 2023
10.	Dr. Abhishek Kajal	One week FDP on 'Electronics and Communication Technologies for futuristic Applications	AKG Engineering College, Ghaziabad, UP	Department of ECE	Dr. A.P.J. Abdul Kalam Technical University	Lucknow, UP	Dec 28 2022 – Jan 02 2023

11.	Dr. Abhishek Kajal	One week FDP on Research Techniques in Science and Technology	Gargi College, University of Delhi (DU)	Gargi College	University of Delhi (DU)	Delhi	July 18 – 23 2022
12.	Dr. Sakshi Dhingra	One week Faculty Development Program on “Recent Advances in Computer science and Allied Domains (RACSAD-2023)”	Department of CSE and CSA	CSE & CSA, Sharda University	Sharda University	---	26th June to 01st July 2023
13.	Dr. Sunil Kumar	Artificial Intelligence and Machine Learning	HRDC, Punjabi University,	HRDC	Punjabi University,	Patiala	09-01-2023 to 21-01-2023
14.	Dr. Sunil Kumar	Malware Analysis with Data Science	Joint NIT Patna, IIITDM Jabalpur and MNIT Jaipur	Ministry of Electronics Information Technology	Ministry of Electronics Information Technology	Jaipur	29-08-2022 to 09-10-2022
15.	Dr. SEEMA	Cyber Threats and Security Measures	NITTTR, Chandigarh	Computer Science and Engineering	NITTTR, Chandigarh	Chandigarh	25/07/2022 to 29/07/2022 (One week)
16.	Dr. SEEMA	Online Learning and Online Evaluation	NITTTR, Chandigarh	Computer Science and Engineering	NITTTR, Chandigarh	Chandigarh	20/03/2023 to 24/03/2023
17.	Dr. Anupma Sangwan	AICTE recognized Faculty Development Programme on “Embedded C Programming of Microcontroller”	NITTTR, Chandigarh	Electrical Engineering	NITTTR, Chandigarh	Online	25th to 29th July, 2022
18.	Dr. Anupma Sangwan	Professional Development Programme on ‘Implementation of NEP2020 for University and College Teachers’	IGNOU, New Delhi	STRIDE	IGNOU, New Delhi	Online	18th to 24th November, 2022
19.	Dr. Sunil Kumar	Online Faculty Development Programme (FDP) on Implementation of Data Science Applications using Python Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI	NIT Warangal	Electronics & ICT Academy	NIT Warangal	Warangal	11-07-2022 to 21-07-2022
20.	Dr. Sunil Kumar	Hybrid Mode Faculty Development Program on Recent Advancements in Science and Technology	Alliance University, Bengaluru	Department of Science	Alliance University, Bengaluru	Bengaluru	06-03-2023 to 10-03-2023

(f) National/International Webinars Attended

Sr. No.	Name of Teacher/Faculty	Title of webinar	Name of Host organization	Dates
1.	Dr Manoj	IP Awareness/Training program under National Intellectual Property Awareness Mission	Intellectual Property Office, India.	February 07, 2023

2.	Dr. Abhishek Kajal	5- Day Webinar series on 'Futuristic Digital Technologies	International Institute of Artificial Intelligence and Machine Learning (IIAM), AMET University, Chennai	July 25th – 29th, 2022.
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(g) Total number of Refresher/ Orientation Course/Webinar attended:

i)	Refresher Course	: 18
ii)	Orientation Course	: --
iii)	Webinar	: 02
iv)	Total	: 20

(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 Institution of Higher Education & Research, India, Govt of AP
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"> Life Member of Indian Red Cross Society Membership of International Association of Engineers (IAENG) Life Membership of Indian Society for Technical Education (ISTE)

	4. Member of Internet Society 5. Membership of international Computer Science & Engineering Society (ICSES) 6. Membership of Science and Engineering Institute (SCIEI) 7. Membership of IFERP
Anupma Sangwan	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	Member of Board of Studies and Research of CSE Department, GJUST, Hisar
Dr. Amandeep	Member of Board of Studies and Research of CSE Department, GJUST, Hisar
Dr. Krishan Kumar Ranga	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.
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	<ul style="list-style-type: none"> 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"> Appointed as Mentor to Govt. Polytechnic for NBA Accreditation by Haryana State Board of Technical Education, Panchkula, Haryana (Memo. No. 965 /HSBTE, dt.: 04.06.2019). Member of Doctoral Committee-Reg, Department of Computer Science & Engineering, SRM University, Haryana (Ref. No.: SRMUH/CSE/PhD/2018/03, dated 11.04.2018). Member, SRC, Department of IT, Delhi Technological University, Delhi.
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	<ul style="list-style-type: none"> Nodal Officer: E-Office

(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	Faculty Name
Talk/lecture (online)	OBE Framework & Preparing for NBA SAR Filling” on “CO-PO Attainment and Continuous Improvement through Attainment	MRU - IEEE NSUT SB - IEEE YMCAUST SB - IEEE UP Section SB - IEEE Kolkatta Section SB (Student Branch)	30-Sept-2022	Prof. Dharminder Kumar
Talk/lecture (online)	NAAC Sponsored Seminar on Outcome Based Education (OBE)	BRCM CET, Behal	November 5, 2022	Prof. Dharminder Kumar
Lecture	OBE based teaching – learning	Gurugram University, Gurugram	January 6, 2023	Prof. Dharminder Kumar
Chaired a session (online/virtual mode)	Emerging Technologies and Innovations	International Conference by NIET, G. Noida, Co-host by Department of Operations Research and Business Intelligence, Wroclaw Tech, Poland, and knowledge Partner ICT Academy	March 1-2, 2023	Prof. Dharminder Kumar
Talk/lecture (online)	AI & its Applications in Science & Engineering	Department of Emerging Technologies, GJUS&T, Hisar	May 18, 2023	Prof. Dharminder Kumar
Talk/lecture	CO-PO Mapping, Attainment, Pre-Qualifiers and Open House Discussion on NBA	Two days Capacity Building Workshop on OBE and Accreditation Process (NEP-2020: Towards Holistic Education) organized by BVEC, New Delhi.	June 2-3, 2023	Prof. Dharminder Kumar

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

Sr. No.	Name of Teacher	Additional Positions	Duration From	Duration To
1.	Prof. Dharmender Kumar	Chairperson, Deptt. of CSE	July 10, 2020	(9 July 2023)
2.	Prof. Dharmender Kumar	Chairperson, Deptt. of Data Science	May 2023	Till Date
3.	Prof. O.P. Sangwan	Chairperson, Deptt. of CSE	July 10, 2023	Till Date
4.	Prof. O.P. Sangwan	Chairperson, Deptt. of Emerging Technology	July 2022	Till Date
5.	Prof. O.P. Sangwan	Director, DDE	July 1, 2022	30 Sept. 2022
6.	Dr Deepak Nandal	Time Table Incharge	July 22	June 23
7.	Dr Deepak Nandal	Minor Examination Incharge of the Computer Science Dept.	July 22	June 23
8.	Dr Deepak Nandal	Convener of the Committee for FDP Feb 2022	Feb 22	

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

(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: 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: Nil

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
04 Books 11 Book Chapter	04 Books 11 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
45	10	35	-
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
30	28	--	
Total number of funded research projects	Completed	Ongoing	-
04	--	04	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
12	14	14	-

Overall recommendation of the Chairperson based on the Annual Report and Academic & Research plan of the next year, through Academic committee of the Department.

Work done by the Department during the Academic Session 2022-23 is found to be satisfactory but more efforts needs to be put in the field of Research Project, Guest Lectures from Academic & Industry, Academic Industry tie-up, to boost up placement related activities, to start new labs on AI&ML. Besides this, it is also planned to start BCA enhance the intake of B.Tech. (AI & ML) programme from 60 to 120.

DEPARTMENT OF COMMUNICATION MANAGEMENT & TECHNOLOGY

(I) **Name** : Communication Management & Technology

(II) **Year of Establishment** : 1995

(III) **(a, b) 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) Objective(s) of the Department: In the competitive media market produce fine media persons who can fill the vacuum created by the unprecedented expansion.

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

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	45+1+1	38
P.G	50+2 (Single girl child)+ 1+1+1 & 52+2 (Single girl Child)+1+1+1	96
U.G	30+2 (Single girl Child)+1+1	30+27
Any other	N.A.	N.A.

(V) **Faculty detail**

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

	Sanctioned	Direct filled	Under CAS	Remarksif any
Professor	02	Nil		
AssociateProfessor	03	01		
Assistant Professor	4+1(Eng.)	4+1		

Sr. No.	Name of Faculty	Qualification	Experience
1.	Prof. Manoj Dayal, Professor	Ph.D.	31 Years
2	Prof. Vikram Kaushik, Professor	Ph.D.	26 years
3	Prof. Umesh Arya, Professor	Ph. D.	25 years
4	Dr. N. Sushil K Singh, Professor	Ph.D.	26 years
5	Dr. M.R. Patra, Associate Professor	Ph.D.	28 years

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Asstt. Technical Officer	1	1
TA Grade (I)	1	1
Asstt.-cum-DEO	1	1
JLA	1	1
Storekeeper	1	1
Cameraman-cum-studio-Attendant	1	1
Steno typist	1	1
Clerk-cum-JDEO	2	2
Lab. Attendant	3	3
Peon	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 1st Year	Students Present in Final Year
BA Mass Communication	30	30	25
MA Mass Communication	50	46	38

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

1st year (Mass Comm.)		2nd year (Mass comm.)		3rd year	4th year
Sanctioned Intake	Students admitted	Sanctioned intake	Students Present	Students Present	Students Present
50+1+1+1=53	46	50+1+1+1=53	38	—	—

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
36	—	7	—

(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: 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): Nil

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

(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered: Nil

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Umesh Arya	Dean Faculty of Media Study	03.07.2020 To 16.06.2023
2	Prof. NSK Singh	Chairperson CM&T	30.04.2021 to 03.05.2023
3	Dr. Mihir Ranjan Patra	Chairperson CM&T	03.05.2023 To till date

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

Activity	No. of Students	No. of Companies *
Training	38	10
Placement	N.A.	N.A.

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

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

(XIX) Awards/ Honours received by Faculty: Nil

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

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	Ph.D. Degree submitted	PhD. Degree awarded	-
124	86	--	--

DEPARTMENT OF DATA SCIENCE

- (I) **Name** : Data Science
- (II) **Year of Establishment** : 2019
- (III) (a) **Vision of the Department:** The Vision of the Department is to train the students with a strong scientific background in the fields of Computer Science, Data Science and Artificial Intelligence in order to meet the needs and expectations of the scientific and industrial communities at National and Global levels. We aim to produce data scientists who will use their findings towards well-being and progress of society.

(b) **Mission of the Department:**

- To provide solid theoretical and practical foundation to the students in the domain of Data Science including but not limited to Statistics, Mathematics, Computer Science, Artificial Intelligence and Communications to face the challenges of data-driven world.
- To equip the students with data analytics tools and skills, enabling them to set up advanced system architectures dedicated to the collection and processing of massive data (Big data).
- To maintain academic excellence through professional development of the faculty.
- To develop healthy environment by providing state-of-art infrastructure to students and faculties to carry out research in the domain of Data Science, Artificial Intelligence, Machine Learning etc.
- To promote collaboration with other higher education institutions of repute, research laboratories and industries to meet the new challenges posed.
- To develop the capacity for continuous learning and responsible behaviour in the students for their growth, and awareness of their potential as a member of society so that they can contribute to the betterment of society.

- (c) **Objective(s) of the Department:** Data Science is a rapidly growing academic discipline fuelled by the proliferation of rich and complex data emerging from activities in science, industry and governments. As a result, there is strong demand for data science professionals across the nation and globe, and this market is expected to continue to grow in the next decade. The data science programs are intended for students who wish to study the data science discipline for its own sake as well as for students studying any discipline with the goal of enabling them to work in data science. The courses in the data science program are designed to provide students with the requisite background that would enable them to take jobs with significant data science components e.g. establishing and operating data analysis pipelines. The capstone will provide an opportunity for students to apply data science concepts to a domain problem while working in a multidisciplinary team setting. The University is an excellent opportunity for the exciting Data Scientist positions that are in high demand today.

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

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.		
P.G		
U.G : B.Sc. (Hons.) Computer (Data Science)	First Year : (40+5) Second Year: (40+5) Third Year: (40+5)	First year: 37 Second Year: 40 Third Year: 40
Any other		

(V) Faculty detail

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	Nil			
Associate Professor	Nil			
Assistant Professor	Nil			02 A.P. (Contractual)

(List of the Faculty alongwith their qualifications and Experiences)

Sr. No.	Name	Designation	Qualification	Experience
1	Mr. Sandeep	Assistant Professor (Contract)	M.Tech. (NET)	9 Years
2	Mr. Paru Raj	Assistant Professor (Contract)	M.Tech. (NET)	9 Years

(VI) Office/Tech. staff detail: (list Attached)

Title of Position	Sanctioned strength	In position strength
Clerk	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

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

(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.: Nil

b) Research Papers/ Articles in Journals: 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:

(XIII) Association with National and State Level Bodies: Nil

(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): Nil

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

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

(XVIII) Detail of Academic activities/Professional Activities/ Programmes

Organized in Department during the year: Nil

(XIX) Awards/ Honours received by Faculty : Nil

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

Summary of Research Publications: NIL

DEPARTMENT OF ECONOMICS

- (I) **Name** : Economics
- (II) **Year of Establishment** : 2018
- (III) (a) **Vision of the Department:** To be a respected center of teaching and research
- (b) **Mission of the Department:** To provide quality teaching to the students of Economics at UG, PG and Post PG Level
- (c) **Objective(s) of the Department:**
- The students are trained to prepare and write scientific reports, articles and policy documents.
 - Students at all levels are provided with platform to listen and exchange thoughts with leaders in the field of economics, and engage in research.
 - The rigorous training to equip the students and work with: Consultancy companies, Think tanks, Research institutions, Banks & Financial Institutions Government Jobs Industry Associations, and Corporate houses.

(IV) Programme(s) offered in the department

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.	--	13
M.Sc. Eco. 1 st year & 2 nd year	46+46= 92	37+32=69
B.Sc. Eco. 1 st , 2 nd and 3 rd year	55+55+55=165	39+38+41=118
Ph. D. Economics	As per UGC Norms	11
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	01	01	--
Associate Professor	02	--	--	--
Assistant Professor	04	04	--	--

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Assistant	01	01
Clerk	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. Economics	46	37	37

(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: 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
Sr. No.	Regn. No.	Name	Name of Supervisor
1.	200200090101	Aakanksha	Prof. N.K. Bishnoi
2.	200200090102	Gargi Boora	Prof. N.K. Bishnoi
3.	200200090101	Sushma Nain	Dr. Kiran Devi
4.	200200090102	Komal Sharma	Dr. Kiran Devi

5.	200200090105	Manisha Devi	Dr. Lalit Sharma
6.	200200090106	Sumit Kumar	Dr. Manoj Kumar
7.	200200090107	Abhishek Sharma	Dr. Manoj Kumar
8.	210200090103	Ruby	Dr. Lalit Sharma
9.	210200090104	Sonu	Dr. Manoj Kumar
10.	210200090101	Poonam Kundu	Dr. Somnath
11.	210200090102	Poonam Devi	Dr. Somnath

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis completed during the year	Specify number of different fellowships
-	11	2020-21 & 2021-22	-	-

(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
ICSSR	Prof. N.K. Bishnoi	Complete	--	2022-23	Prof. N.K. Bishnoi
MoU Between DESA (Department of Economic and Statistical Analysis) and GJUST, Hisar	Prof. N. K. Bishnoi	in progress	yes		Prof. N. K. Bishnoi, Dr Manoj Kumar and Ms. Gargi Boora

(X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
NIL	02	--	03	--	02

(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	Impact factor
Ms. Gargi Boora and Prof. N. K. Bishnoi	2020	Economic Growth And Structural change- Analysis For The State Of Haryana, 1993-94 To 2017-18	International Journal of Management (IJM)	IAEME Publication	Volume 11, Issue 11, November 2020	pp. 823-838	10.1471
Dr. Kiran Devi	2021-22	Gender Disparity in Work participation	International Journal of Creative Research Thoughts		9(11), November 2021, ISSN: 2320-2882	-	-
Dr. Somnath	March 2022	"Dynamics of Input Demand of Labour in Indian Organized Manufacturing Sector"	Remarking An Analisation journal	Social research foundation	ISSN No. 2455-0817, Paper Id :15886		

Dr. Manoj Kumar	2021	evidences from global stock markets based on inductive approach of GARCH Family	International journal of Economics and Management	School of Business and Economics, Unviersiti Putra Malaysia			
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(a) Total Number of Seminars/ Conferences attended by faculty and papers presented

Positions	Attended			Papers presented		
	International	National	Total	Inter-national	National	Total
Professor	-	2	2	1		1
Associate Professor	-	1	1	1		1
Assistant Professor	-	1	1		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.
Prof. N. K. Bishnoi & Dr. Manoj Kumar Assistant professor	“Dynamics of Phillips Curve in Indian economy: An Empirical Analysis”	Indian Economy, Agriculture Growth, Indian Banking System and Gujrat Economy	Auro University, Gujrat	Surat, Gujrat	27-28December, 2019	Prof. N. K. Bishnoi & Dr. Manoj Kumar Assistant Professor
Dr. Somnath	Impact of Covid-19 India's foreign trade among emerging Visualizing Inter-State Disparities of Women and Child Health in India”	Indian Foreign Policy	Pt. NRS, Govt. college Rahotak	Rohtak	12-Feb- 2022	
		“India 2.0, Vision for India@ 2047: Challenges and Prospects”	Department of Economics, Kurukshetra University	Kurukshetra	14-15 -Feb- 2023	
		Emerging Indo-Pacific Constructs: Prospects & Challenge	Department of Economics, Kurukshetra university	Kurukshetra	02-03-Sep- 2022	
Dr. Kiran Devi	“Impact of Illegal, Unregulated and Unlawful fishing on poor in Indo-pacific-economies, Contemporary Issues in Commerce and Economics: In Context of Indian Economy” “Inequality in health sector: Madhya Pradesh” “Women and Child Health” “ Impact of Illegal, Unregulated and	Emerging Indo-Pacific Constructs	KUK	Kurukshetra	2-3 Sept.2022	
		India's Innovation System @ 75: Achievements, Limited and way Forward	School of Humanities and Social sciences	IIT Indore	21-23 December 2022	
		“India 2.0, Vision for India @ 47: Challenges and	Department of Economics IIHS, Kurukshetra University	Kurukshetra	14-15 February, 2023	

	Unlawful (IUU) Fishing on Poor Indo-Pacific economies"	Prospects " Emerging Indo-Pacific Constructions: Prospects and Challenges"	Department of Economics, Kurukshetra University	shetra	September 02-03, 2022	
Dr. Lalit Sharma	Indian Economy during Pandemic "Visualizing Inter-State Disparities of Women and Child Health in India"	Indian Economy during Pandemic "India 2.0 Vision for India @ 2047: Challenges and Prospects"	CSRU, Jind Department of Economics, IIHS, Kurukshetra University, Kurukshetra	JIND Kurukshetra	Feb.12, 2022 February 14-15, 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.
Dr. Somnath	Impact of Covid-19 India's foreign trade among emerging BRICS Nations"	Indian Foreign Policy	Pt. NRS, Govt. college Rahotak	Rohtak	12-Feb-2022	Dr. Somnath
	"An Analysis of Multidimensional Poverty in relation to Gender and Region: A Case study of Nuh district of Haryana" BRICS Nations"	Contemporary Issues in Commerce and Economics: in context of Indian Economy	Tika Ram Girls college,	Sonipat, Haryana	8.2.2023	
	"Resolving the enigma of job creation in the new education policy-2020: A Theoretical Perspective"	"Role of Teacher in National Education Policy 2020"	Jyotiba Phule government College, Radaur	Yamuna nagar	16.02.2023	
Dr. Kiran Devi	"Impact of Illegal, Unregulated and Unlawful fishing on poor in Indo-pacific-economies	Emerging Indo-Pacific Constructs	KUK	Kurukshetra	2-3 Sept.2022	
	"Progress of MSMEs in Haryana in the One-Day	Blended Mode of teaching & learning with reference to NEP 2020	Lal Bahadur Shastri College of Education, N.H. Rajbhag, Kathua	University of Jammu	16 July, 2022	
	"Resolving the Enigma of Job Creation in the	"Core Competencies, Constraints and Challenges Before Indian Economy"	Department Of Economics, Kurukshetra University,	Kurukshetra	February 1, 2023	
		" Role of teacher in national education Policy	Jyotiba Phule Government College, Radaur	Yamuna nagar	16.02.2023	

	New Education Policy-2020: a Theoretical Perspective” “An Analysis of Multidimensional Poverty in Relation to Gender and Region: A case Study of Nuh District of Haryana”	2020 “ Contemporary Issues in Commerce and Economics: In Context of Indian Economy”	Tika Ram Girls College, Sonipat (Haryana)	Sonipat	28.02.2023	
Dr. Lalit Sharma	Impact of Foreign Trade Policy of Bilateral Trade between Indian and USA “Demystifying MPI & SDGs in Haryana: Status of Female Headed Households “Resolving the Enigma of Job Creation in the New Education Policy-2020: A Theoretical Prospective” “An Analysis of Multidimensional Poverty in Relation to Gender and Region: : A Case Study of Nuh District of Haryana”	Indian Foreign Trade Policy Core Competencies, Constraints and Challenges before Indian Economy” “Role of Teacher in National Education Policy-2020” “Contemporary Issues in Commerce and Economics: In Context of Indian Economy”	PT. NRS Govt. College Department of Economics, Kurukshetra University Jyotiba Phule Government College, Radaur, Tika Ram Girls College,	Rohtak Kurukshetra Yamuna Nagar Sonipat	12-Feb-2022 February 01, 2023 February 16, 2023 February 28, 2023	
	“Multidimensional Poverty in a Backward district of Haryana with respect to Gender and Spatial disparity	Atal Bihari Vajpayee Institute of Good Governance & Policy Analysis	Bhopal.	Bhopal.		
Prof. N. K. Bishnoi & Dr. Manoj Kumar Assistant Professor	“Dynamics of Phillips Curve in Indian economy: An Empirical Analysis”	Indian Economy, Agriculture Growth, Indian Banking System and Gujarat Economy	Auro University, Gujarat	Surat, Gujarat	27-28 December, 2019	
Prof. N. K. Bishnoi	Presented the Report at the Valedictory Ceremony of the 102nd Annual Conference of Indian Economic Association	Indian Economy, Agriculture Growth, Indian Banking System and Gujarat Economy	Auro University, Gujarat	Surat, Gujarat	27-28 December, 2019	

(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. Somnath	Refresher course on Social Science	HRDC, GJUST, Hisar	HRDC	GJUST	24 Jan, 2022 to 05 Feb, 2022
Dr. Kiran Devi	FIP Faculty Induction Programme	HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Online	18 May 2022 to 16 June 2022
Dr. Kiran Devi	Economics, Population Studies & Lifelong Learning	HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Online	07-08-2023 to 19-08-2023
Dr. Lalit Sharma	FDP Faculty Development Programme	HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Online	18 May 2022 to 16 June 2022
Dr. Lalit Sharma	Economics, Population Studies & Lifelong Learning	HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Online	August 07, 2023 till August 19, 2023
Dr. Manoj Kumar	Faculty Induction Programme	UGC, HRDC, GJUST, Hisar	HRDC, GJUST, Hisar	Hisar	23.08.2021 to 25.09.2021

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

Name of Faculty	Title of Webinar	Host organization	Dates/Duration
Dr. Somnath	Indian	IEA, Vajpayee Institute of Good Governance & Policy Analysis +	25-26 Dec, 2021
Dr. Kiran Devi	Sharing of tool kit for planning and budget	NIC, Haryana	08.10.2021

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

- i) **Refresher Course : 06**
- ii) **Orientation Course :**
- iii) **Webinar :**
- iv) **Total :**

(XIII) **Association with National and State Level Bodies**

(Give Faculty-wise details):

i) **Membership of Professional Bodies:**

- i. Membership of Professional Bodies: Prof. N. K. Bishnoi (Chairman, Working Group on "Promotion of Agri- Business and Food Processing Industries in Haryana" constituted by 2 The Haryana Kisan Ayog, Panchkula), Dr. Somnath: Member of Haryana Economic Association.
- ii. Member of Expert Committees : Prof. N. K. Bishnoi (Invited expert by the ICSSR for scrutiny of Research Projects on Various occasions) & Member of the Committee to

- finalize the terms and conditions related to Vishwakarma Award to the academic institutions by the AICTE Delhi
- iii. Member of Academic Bodies of other institutions :Prof. N. K. Bishnoi (Chairman, Committee to prepare a preliminary report on the current status of Private Universities of the State of Haryana, by The Haryana State Higher Education Council, Panchkula)
 - iv. Any other :Prof. N. K. Bishnoi
 - a) **Member/ Chairman**
 - Member, Finance Committee, CCS University Meerut,
 - Chairman, Board of Studies, Department of Economics, GJUST Hisar, Member, Board of Studies, Department of Economics, CDL University Sirsa
 - Member, Board of Studies, Department of Economics, GU, Gurgaon
 - Advisor to the Project “Service Enterprises in MSME Sector” sponsored by Ministry of MSME Govt. of India to Prof. M S Chhikara at MDI Gurgaon
 - Provided expert advice to IIIrd State Finance Commission, Haryana
 - Advised in preparation of business plan and resource mobilization to Aman Aviation Ltd. Mumbai
 - Helped in Conceptualization and resource planning to Drishti Creative Production Pvt. Ltd. in organization of Book of Sansad event where books written by Ministers and Members of Parliament are being exhibited,
 - Haryana Economic Association
 - Executive Council Member representing Haryana at Indian Economic Association
 - b) **Member of Committee to Revise PPRs of the Distance Education Programme of B.A.**
 - i) Dr. Manoj Kumar, Assistant Professor
 - ii) Dr. Kiran Devi, Assistant Professor
 - c) **Member:** Dr. Somnath, Assistant Professor
 - ii) A life time membership of Haryana Economics Association
 - d) **Member of Committee to Revise PPRs of the Distance Education Programme of B.A.**
 - i) Dr. Manoj Kumar, Assistant Professor
 - ii) Dr. Kiran Devi, Assistant Professor
 - e) **Member :** Dr. Somnath, Assistant Professor
 - i) A life time membership of Haryana Economics Association.
 - ii) Member of Expert Committees:
 - iii) Member of Academic Bodies of other institutions:

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

Name of Faculty	Title of the project /work	Name of Agency	Total Amount
Prof. N. K. Bishnoi	Memorandum of Understanding Between DESA (Department of Economic and Statistical Analysis) and GJUST, Hisar	Department of Economic and Statistical Analysis) and GJUST, Hisar	60,00,000/-

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

Dr. Lalit Sharma, Asst. Prof

Type	Topic/ Subject	Institution	Dates
Type	-	-	-
Invited talk	Statistical tools in Research Habit building and stress management Digital India	DN College, Hisar GBDC, Rohtak GBDC, Rohtak	10.05.22 to 12.05.202 12.07.2021 25.03.2022

Dr. Somnath, Asst. Prof.

Type	Topic/ Subject	Institution	Dates
Extension lectures	Classification of Economic Thoughts & Frontiers of Economic Theory”	Deptt of Eco, KUK	08 Jan. 2022

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

Sr. No.	Name of Teacher	Additional Positions	Duration From To
1	Prof. N. K. Bishnoi	Dean Faculty of Humanities and Social Sciences , Chairperson Department of Economics & First Appellate Authority for RTI,GJUST Hisar	At Present
2	Prof. N. K. Bishnoi	Chairman, Board of Studies, Department of Economics, GJUST Hisar,	At Present

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

Activity	No. of Students	No. of Companies *
Training	73	-
Placement	02	02 (TCS)

- **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:**

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

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Manali/Kasol	40	05	3 rd march 8th march
Makrolganj	70	05	3 rd April, to 08 th April

iv) Industry interaction programmes:

(XIX) Awards/ Honours received by Faculty: Nil

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

Summary of Research Publications:

Total books published	Book published with international publisher	Books published with national publisher	
--	--	--	--
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 Category-2 (Journal indexed in WOS/Scopus)	Highest impact Factor
7	-	-	-
Total numbers of papers published in conferences	Total published in Scopus/WOS indexed conferences	Total published in non-indexed conferences	-
1	-	-	-
Total number of funded research project	Completed	Ongoing	-
04	02	02	04
Total number of Scholars Registered in Ph.D Programme	Ph.D. Submitted	Ph.D. Degree awarded	
14	--	02	--

DEPARTMENT OF ELECTRICAL ENGINEERING

- (I) **Name** : Department of Electrical Engineering
- (II) **Year of Establishment** : 2018
- (III) (a) **Vision of the Department:** To develop versatile Electrical Engineers with emphasis on values and skills based state of the art technical knowledge, innovative and entrepreneurial skills for the sustainable national development and welfare of society.
- (b) **Mission of the Department:**
1. To develop state of are facilities and create conducive environment for learning.
 2. To impart technical knowledge and skills through collaboration with industry and academia.
 3. To bridge the gap between industry and academia by framing curricula and syllabi based on industrial and societal needs.
 4. To inculcate moral and ethical values among the faculty and students.
- (c) **Objective(s) of the Department:** To impart state of art training for empowering students to tackle the technological and socio-economic challenges and create facilities for the holistic development of students.

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

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	As per ordinance	03
P.G	NA	NA
U.G	60	276

(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			

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
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: N.A

(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
60	62	06	73	71	70

(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):

(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	
	2				

(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
Kalyan Singh, Sumit Saroha, Avnesh Verma, Priti Prabhakar, Krishan Kumar & Charanjeet Madan	2023	An Optimal Parameterized Fractional-Order PID Controller for the Singal Phase Grid Integrated with Solar and Wind System	Cybernetic and Systems: An International Journal	TAYLOR & FRANCIS INC	54:7	1086 to 1110	YES	1.859
Priti Prabhakar, Sujata Arora, 2 Anitakhosla, Rajender Kumar Beniwal, Moses Ndole Arthur, Jose Luis Arias-Gonzales and Franklin OreAreche	Sep., 2022	Cyber Security of Smart Metering Infrastructure Using Median Absolute Deviation Methodology	Security and Communication Networks,	Hindawi	Volume 2022, Article ID 6200121 https://doi.org/10.1155/2022/6200121	1-9, 9 pages	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	--	1	--	--	1	--
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.
Dr. Priti	Enhancement of Voltage Stability using distributed generation	International Conference on Systems, control and automation	NIT	Kurukshetra	12-13 may 2023	Springer

(c) National Conferences/ Seminars/ Workshops

Name of the 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. Priti Prabhakar	A literature Review on Wind Power Forecasting	Emerging Trends in Engineering, Science and Management 2022	Deptt. of EE, UIET, MDU-Rohtak	Deptt. of EE, UIET, MDU-Rohtak	Nov. 26 th & 27 th , 2022 2days	Springer

(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: Nil****ii) Member of Expert Committees: Nil****iii) Member of Academic Bodies of other institutions: Nil****(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	“Harmony in Family “in 3 Weeks SIP-2K22	GJUST, Hisar	20/10/2022

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Dr. Priti Prabhakar	Chairperson (EED) Village Program Officer Under Swachh Bharat Swasth Bharat	27/01/2021 05/09/2023 2016 Till date
2	Dr. Charanjeet Madan	University Co-Coordinator, Universal Human Values, Cell Member, SIP-2022	17.06.2021 Till date 17.10.22 31/10/2022

(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**

Name of the Event	National/ International	Number of participants	Dates/Durations
Seminar on Railway Electrification Design	National	100	09/12/2022
Seminar on TEC TALK	National	130	29/03/2023

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: Nil**

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
2	--	2	--
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
2	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	-
03	-	-	-

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 Department of Electrical Engineering and Electronics & Communication & Engineering are merged as a Department of Eletrical & Electronics Engineering now.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

- (I) **Name** : Electronics & Communication Engineering
- (II) **Year of Establishment** : 2001
- (III) (a) **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 Electronics & Communication Engineering and other related areas.
- (b) **Mission of the Department:**
- To produce quality students with passion for knowledge and creativity in the field of Electronics & Communication engineering.
 - 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.
 - To facilitate and promote job oriented education in the emerging areas of Electronics & Communication Engineering.
- (c) **Objective(s) of Department:** 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	21
P.G	20	17
U.G	60+10% LEET Students in every year	286

(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	Nil	03	---
Associate Professor	6	1	02	---
Assistant Professor	12	8+2*	---	---

Regular Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Prof. Sandeep Arya	Professor	PhD	30	22
Prof. Sanjeev Kumar Dhull	Professor	PhD	26	21
Prof. Deepak Kedia	Professor	PhD	21	20
Mrs. Suman Dahiya	Associate Professor	PhD Pursuing, MTech.	18	12
Dr. Ramnish	Associate Professor	PhD	18	13
Dr. Kuldeep Singh	Assistant Professor	Ph.D	14	10
Mr. Ajay Kumar	Assistant Professor	Ph.D (Pursuing), MTech	16	6
Dr. Priyanka Dalal	Assistant Professor	Ph.D	12	6

Dr. Ritu Boora	Assistant Professor	Ph.D	12	6
Dr. Vinod Kumar	Assistant Professor	Ph.D	11	6
Mr. Vijay Pal Singh	Assistant Professor	PhD Pursuing, M.Tech	19	14
Dr. Abhimanyu	Assistant Professor	PhD	10	5
Dr. Manisha Jangra	Assistant Professor	Ph.D	10	5
Mr. Sardul Singh	Assistant Professor	Ph.D Pursuing, MTech.	10	7
Ms. Vinita	Assistant Professor	Ph.D Pursuing, MTech.	10	5

Contract/ Guest Faculty Details:

Name of Teacher	Designation	Qualification	Teaching Experience in Years	Research Experience in Years
Dr. Anuj Singal	Assistant Professor	Ph.D	12	--
Ms. Twinkle	Assistant Professor	MTech.	12	--
Mr. Deepak Garg	Assistant Professor	MTech.	12	--
Mr. Aditya	Assistant Professor	MTech.	11	--
Mr. Mohan	Assistant Professor	MTech.	10	--
Ms. Manisha Saini	Assistant Professor	MTech.	10	--

(VI) Office staff details

Designation	Available
Clerk	2
Steno	-
Peon	2
Technician Grade-1	1
Lab Attendant	4
Lab Technician	3

**(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 (2022-23)	Students in Final Year (2022-23)
MTech. ECE	20	5	12

b) Students' detail in respect of MCA Programme: Nil

c) Students' detail in respect of B.Tech, Programme:-

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	66	8	78	71	71

d.) **Detail of Foreign Students if any, admitted in the Department: Nil**

(VIII) Research Scholars (2022-23)

Intake capacity	Total no of Ph.D. students	Registered during the year	Thesis complete during the year	Specify number of different fellowships
As per the availability of seats	21	03(Pre-PhD.)	Nil	TEQIP-III, URF, AICTE Doctoral Fellowship (ADF), UGC NFOBCJRF, JRF/SRF

(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	
	Nil	Refereed	Non refereed	Refereed	Non refereed
		1	--	--	---

(XI) Faculty wise detail of publication during the period

a) Books/Book Chapters/ Monographetc.

S. No	Title with name of authors as appearing in the publication	Journal, Vol,Year, page nos	Whether indexed Non refereed or conference proceedings	ISSN/ ISBN No, if any
1	Ramnish Kumar, "Comprehensive Analysis of S-Parameters of 2-D MODFET for Microwave Applications"	Book: Wireless Communication with Artificial Intelligence (Taylor & Francis) International Publisher, Aug., 2022.	Book Chapter	9781003230526

b) Papers/ Articles in Journals, Total=38

(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 List attached

(b) International Conferences/ Seminars/ Workshops/Webinars: **List Attached**

(c) National/International Conferences/ Seminars/ Workshops: **List Attached**

Name of Teacher/ Faculty	Title of paper presented	Theme of conference/ Seminar	Name of Host organization	Place	Dates
Rinku bhobhari ya, Ritu Boora, Manisha	An Efficient EMG Denoising Technique Based on the W-NLM Method.	second International Conference on Signals, Machines and	https://link.springer.com/book/9789819909681		Aug., 2022
Jangra and Priyanka Dalal		Automation (SIGMA 2022).			

Priyanka Dalal	<ol style="list-style-type: none"> 1. Highly Stable Frequency Selective Surface with Bandstop Characteristics for EMI Shielding for 28 GHz Applications 2. Tri-band MIMO Diversity Antenna for Modern Smartphones 3. Semi-Ring Patch Array Antenna for High Gain 28 GHz Applications 4. Circular Ring Fractal UWB Antenna for Microwave Imaging Applications 5. Design and Real Time Application of Cost-Efficient Portable Ground Station Antenna at VHF Band 	Wireless antenna and microwave symposium	PDEU Gandhinagar	Gandinagar	7-10 June
Nitika Bhardwaj , Kuldeep Singh, Priyanka Dalal,	Simulative Analysis of Floating-Point Unit for Signal Processing	10 th International Conference on Advancements in Engineering and Technology	BGIET Sangrur	BGIET Sangrur	11 th – 12 th Nov, 2022
Vinod Kumar	Energy Efficiency for Wireless sensing Element networks operating ACO	international conference on modern engineering, science & Management	Online Mode	Online Mode	10-11 june, 2023
Vinita	A study on solar forecasting using artificial neural networks technique	advances in computing , communication on control and networking	Dept of CSE, Galgotias college of engineering and technology	Greater Noida , UP	16 th -17 th December 2022.

(a) Regional/ State Level Conferences/ Seminars/ Workshop: Nil

(b) Refresher Courses

Name of Teacher/ Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Prof. Deepak Kedia	UGC Sponsored online Short Term Programme on “Leadership Development”	GJUS&T, Hisar	UGC – HRDC	Hisar	19 th Dec – 24 th 2022

- (c) **National/International Webinars Attended: Nil**
- (d) **Total number of Refresher/ Oriented Courses attended:**
- | | | |
|------|-------------------------|-----|
| i) | Refresher Courses | 01 |
| ii) | Orientation Courses | NIL |
| iii) | FDPs/Webinars/Workshops | 11 |
| iv) | Total | 12 |
- (XIII) **Association with National and State Level Bodies (Give teacher-wise details)**
- Prof. Sandeep K. Arya**
 - Member of Academic Bodies of other institutions: **Dean FET and Member Academic Council, BOS ECE**
 - Prof. Sanjeev Dhull**
 - Membership of Professional Bodies: **ISTE**
 - Member of Expert Committee: **Member BOS ECE Nov. 2015 onwards**
 - Dr. Deepak Kedia**
 - Chairperson, ECE Dept., GJUS&T, Hisar upto 17-October, 2021.
 - Member PGBOS in Dept. of ECE, BPSMV, Khanpur up to 31-01-2022.
 - Member UGBOS in BME Dept., DCRUST, Murthal up to 10-12-2021.
 - Lab Incharge of Research Lab of ECE dept.
 - Dr. Ramnish;**
 - BOS Member since 2021
 - Member of Institution of Electronics & Telecommunication Engineers (M-201868).
 - Life member of India Society of Technical Education (LM – 51453)
 - Life member of Semi Conductor Society of India, New Delhi(200804579).
 - Dr. Priyanka Dalal**
 - Life Time Membership of ISTE (LM- 97384)
 - IEEE Membership (95656570)
 - IEEE Antennas and Propagation Society (APS) Member
 - IEEE Microwave Theory and Techniques (MTTS) SocietyMember
 - Mrs. Suman Dahiya:** Chairperson ECE, Member BOS
 - Mr. Vijay Pal Singh** Membership of Professional Bodies: Life membership of The Indian Society for Technical Education
 - Dr. Ritu**
Membership of Professional Bodies: **Life membership of The Indian Society for Technical Education**
 - Dr. Kuldeep Singh**
 - Member of **BOS ECE** and Academic Body of other Department: BOS&R in Dept. of Emerging Technology, GJUS&T Hisar w.e.f.31.03.2021
 - Dr. Vinod Kumar :**Membership of Professional Bodies: **ISTE, LM-97383**
 - Dr. Abhimanyu:** Member of **BOS ECE**

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

(XV) **Lectures (other than class) delivered (Give teacher wise detail)**

Type	Topic/ Subject	Institution	Dates
Prof. Deepak Kedia	“Quality Improvement in Technical Education through Outcome Based Education”	BRCM College of Engineering & Technology, Bahal,Bhiwani, Haryana	November5, 2022
Invited talk delivered in FDPby Dr. Manisha Jangra	Application of CNN in BiomedicalSignal Processing in FDP on “Recent Trends & Advancesin Machine Learning”	organized by E& ICT Academy IIT Roorkee, IEEEUttar Pradesh Section and Amity University, Noida	14/09/22 (1:30-4:45 PM)

(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 insouth india	2022-23 2019 to till date 2022-23
2	Dr. Sanjeev Kumar Dhull	BOS Member, CDLU, Sirsa Lab Incharge, Signal Processing Lab UGBOS External Expert ECE Department Bhagat Phool Singh University Khanpur	2019 to till date 2018 to till date 2020 onwards
3	Dr. Deepak Kedia	Chief Mentor, AICTE, IDEA Lab, GJUS&T, Hisar Dy. Director, Centre of Industry InstitutePartnership, GJUS&T, Hisar Member IQAC Committee Member House Allotment Committee Member, High Power Standing Purchase Committee (HPSPC), GJUS&T, Hisar Member, Faculty of Engg. & Tech. (FET), GJUS&T, Hisar	29-08-22 to 08-09-2023 Upto 15-06-2023 upto 01-12-2022
4	Ms. Suman Dahiya	Member, High Power Standing Purchase Committee (HPSPC), GJUS&T, Hisar	
5	Dr. Ramnish Kumar	Member, Faculty of Engg. & Tech. (FET), GJUS&T, Hisar	
6	Dr. Priyanka Dalal	Member, Faculty of Engg. & Tech. (FET), GJUS&T, Hisar	
7	Dr. Abhimanyu	Member, Faculty of Engg. & Tech. (FET), GJUS&T, Hisar Tech Guru in AICTE IDEA Lab	2022-2023
8	Dr. Kuldeep Singh	Member BOS&R in Dept. of EmergingTechnology, GJUS&T Hisar w.e.f. 31.03.2021 In-Charge, Incubation Centre, GJUST Hisar, Supported by Startup Haryana, DITECH, Govt. of Haryana from Nov. 2020 to September, 2022. Time Table In-Charge Department of ECE, GJUS&T Hisar VLSI Design Lab In-Charge (ECE Deptt)	31.03.2021 to 31.06.2023 1.12.2020 to 30.09.2022 Sept-2019- July 2023
9	Dr. Manisha Jangra	Practical Co-ordinator Member of Departmental Student Grievance Redressal Committee Joint Secretary, GJUTA	Dec, 2018 to till date 2020 to till date 2023 to till date
10	Mr. Sardul Singh Dhayal	Alumni Coordinator of Deptt BTech 1 st year Class Coordinator	
11	Mr. Vijay Pal Singh	Dy. Coordinator for AICTE Activities of Universities Coordinator Unnat Bharat Abhiyan Program officer NSS Hostel Warden BTech 3rd Year Class Coordinator (2018 Batch) Project Coordinator BTech ECE	2017 to till date Sep 18, till date 2017, till date 2022-23

12	Dr. Vinod Kumar	SWAYAM Coordinator of ECE Department	2022-23
		Lab Incharge Communication Lab	2014 to till date
13	Dr. Ritu Boora	Member of Parent Teacher Interaction committee , Document verification committee for medical certificate, administrative committee of ECE, Incharge of Instrumentation Lab, BOSmember of ECE	2021-22
14.	Mr. Ajay Kumar	Lab Incharge, Analog Electronics Lab	2016 to till date
15	Ms. Vinita	NSS Program Officer	June 2023 till date
		Deputy Chief Warden	June 2023 till date
		Coordinator GH4	July 2021 till date

(XVII) Training/Internship& Placement activity Information of the Department

Activity (Training/Internship /Placement)	No. of Students placed	No. of Companies in which placed*
Internship/Industrial TrainingOrganized and conducted a skill development summer internship course on Digital System Design using Verilogfor students of B.Tech during July-August, 2022.	5	In house

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

i. Seminar /Conference/Refreshers course/Workshop/TrainingProgramme

Sr. No.	Name of the Event	National/ International	Number of Participants	Duration	Dates of the Event
1	1-day Seminar on “Research Ideas Towards Patents” Organized by Centre of Industry Institute Partnership (CIIP), GJUS&T, Hisar in collaboration with Controller General of Patent Design & Trademark, Govt. of India by Prof. Deepak Kedia	National	Approx. 100	1 day	February 7, 2023
2	Verilog Digital System Design, Synthesis and Verification by Dr. Kuldeep Singh and Dr. Vinod Kumar	National	41	4 weeks	26.06.2023 - 25.07.2023
3	Organized and conducted a skill development one month summer internship course on Digital System Design using Verilog forstudents of B.Tech during July- August, 2022.by Dr. kuldeep Singh	National	5	One month	July- August, 2022.

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.

(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

- Special recognition award to Dr. Priyanka Dalal by the WAMS society for "Outstanding service as WAMS Society Membership Committee Chair and Leading the Membership Drive", at WAMS 2023 Conference.
- Best Paper Award (as co-author to Dr. Priyanka Dalal) on paper titled “Simulative Analysis of Floating-Point Unit for Signal Processing” in 10th International Conference on Advancements in Engineering and Technology held at BGIET Sangrur from 11th – 12th Nov, 2022.

- The department is renamed as Electrical and Electronics Engineering
w.e.f. 7-8-2023 vide letter no End. No.: Acad./AC-III/BOS&R- 14/2023/4242-4314
dated 7/8/2023

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
38	--	38	--
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
09	09	Nil	--
Total number of funded research projects	Completed	Ongoing	--
Nil	--	--	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Thesis submitted	PhD. Degree awarded	--
03 (Pre-Ph.D.)	Nil	Nil	--

Publications details of ECE Faculty (2022-23)

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
Performance enhancement of duobinary modulation-based DWDM system using particle swarm optimization	Singh, Kuldeep and Arya, Sandeep K and Kumar, Vinod	Journal of Optical Communications, 2023, publisher- De Gruyter.	2023	Journal of Optical Communications, 2023, publisher- De Gruyter.	Journal of Optical Communications, 2023, publisher- De Gruyter.
Efficient Techniques for FIR Filter Designing.	Rajni, Dhull, S.K.	Proceedings of First International Conference on Computational Electronics for Wireless Communications.	2022	Lecture Notes in Networks and Systems,	https://doi.org/10.1007/978-981-16-6246-1_9 In: Rawat, S., Kumar, A., Kumar, P., Anguera, J. (eds) vol 329. Springer, Singapore.
Language-independent hyperparameter optimization based speech emotion recognition system	Thakur, A., Dhull, S.K	Int. j. inf. technol. 14	2022	3691–3699	https://doi.org/10.1007/s41870-022-00996-9
ESIMD: Epileptic seizure identification using metaheuristic deep learning technique	Satyender, Sanjeev Dhull, Krishna Kant Singh	Wiley, Expert Systems	2022		https://doi.org/10.1111/exsy.12897
EEG Artifact Removal Using Canonical Correlation Analysis and EMD-DFA based Hybrid Denoising Approach	Satyender, Sanjeev Dhull, Krishna Kant Singh	Procedia Computer Science. 218	2023	2081-2090	10.1016/j.procs.2023.01.184.
A Review of Channel Coding Schemes in the 5G standard	Navin Kumar, Deepak Kedia & Gaurav Purohit	Springer Journal – Telecommunication Systems	June-2023	83, 423–448 (2023).	Published Online: (SCI-E indexed, I.F. 2.5)
Performance Analysis of 24-Tupled RoF System Based on Parallel MZMs and SOA	Sonam Singh, Ankita Rani, Deepak Kedia	Proceedings of NIELIT's International Conference on Communication, Electronics and Digital Technology	Published online June 27, 2023	pp. 423 – 434	(Springer book series -LNNS, Volume 676).
Monte Carlo Simulation of the Non-Systematic and Systematic Polar Codes	Navin Kumar, Deepak Kedia & Gaurav Purohit	Proceedings 10 th International Conference on Signal Processing and Integrated Networks (SPIN)	Mar. 23-24, 2023	pp. 286 – 290	(IEEE Explore Digital Library, USA)

Generation and Comparison of Filterless Octuple RoF Upconversion Systems Based on Cascaded and Dual Parallel MZM Configuration	Ajay Kumar, Shelly Singla, Deepak Kedia	Proceedings 3 rd International Conference on Mobile Radio Communications and 5G Networks (MRCN)	Published online Feb. 15, 2023	pp. 517 – 524	(Springer book series -LNNS, Volume 588)
An 18-Tupled Photonic Millimeter-Wave Generation Using Cascaded Mach-Zehnder Modulators	Ankita Rani, Deepak Kedia	Taylor & Francis Journal on Fiber and Integrated Optics	Published Online: Jan-2023 Vol. 42, Issue-1	pp. 1-19	(SCI-E indexed, I.F.0.976).
A Study and Review of RoF Upconversion Techniques for Next Generation Communication Systems	Ajay Kumar, Shelly Singla, Deepak Kedia	Proceedings International Conference on Soft Computing: Theories and Applications (SoCTA 2021)	Published online June 2, 2022	pp. 101 – 112	(Springer book series -LNNS, Volume 425)
Resistor-less Capacitor Controlled Single VDIBA-Based Third-Order Quadrature Sinusoidal Oscillator	Komal , K. L. Pushkar and Ramnish Kumar	IETE Journal of research, July 2021, vol 68, Issue 4.	July, 2022	0377-2063	https://www.tandfonline.com/doi/abs/10.1080/03772063.2022.2131639?journalCode=tjrr20
Resistorless First-Order Universal Filter Structures Employing OTAs with Independent Controllability of Gain and Pole Frequency	Komal , K. L. Pushkar and Ramnish Kumar	IETE Journal of research, vol 68	Oct., 2022.	vol 68	IETE Journal of research
optimization of energy efficiency in 8T SRAM for low power design	Parvesh Dhanra, Ramnish Kumar,	IJRISAT, Vol.6, Issue 8,	Aug. 2022.	Vol.6,	IJRISAT
A dual parallel Mach–Zehnder modulator linearization scheme based on 90° phase shifters	Singh, Sarika, Arya, Sandeep K., Singla, Shelly and Berwal, Pulkit	Frequenz,	2022	vol. 76, no. 5-6, 2022, pp. 345 - 350.	https://doi.org/10.1515/freq-2021-0126
Filter less millimeter-wave generation with tunable coupling factors using Dual-parallel MZMs	Ankita, Deepak Kedia	Proceedings of 4 th International Conference on Recent Trends in Computer Science and Technology	2022	ICRTCST-2021	(IEEE xplora Digital Library, USA)
Performance Evaluation of Iterative SRP-PHAT Techniques for Acoustic Source Localization	Ritu and Sanjeev Kumar Dhull	Lecture Notes in Networks and Systems (LNNS), Springer, Jan 2022	2022	LNNS	Scopus Indexed.

Denoising Techniques for ECG Arrhythmia Classification Systems: An Experimental Approach.	Akansha Singh, Dr. Krishna Kant Singh, Manisha Jangra and Sanjeev Kumar Dhull	In International Conference on Data Analytics and Computing, ICDAC 2022, Wenzhou, China.	2022	ICDAC	China
Analysis and mitigation of photodiode non-linearity under the influence of optical modulator in multitone RoF link	Deepak Garg, Abhimanyu Nain	Journal of Optics, January 2022	2022		DOI: https://doi.org/10.1007/s12596-021-00794-9
A New Face Recognition System, International Joint Conference on	Tyagi, Anmol and Singh, Kuldeep	Advances in Computational Intelligence	2022	pages 157 - 174	Springer proceedings.
An efficient 110 × 8 GHz WDM RoF system design for 5G and advance wireless networks	Deepak Garg, Abhimanyu Nain	Optical & Quantum Electronics, May 2022,	Oct 2022		DOI : https://doi.org/10.1007/s11082-022-03726-4 .
A Novel Fuzzy Based Solar Irradiation Prediction Approach for Selection of Solar Panels in Hisar (Haryana)	Vijay Pal Singh, Sandeep Kumar Arya and Ajay Shankar	Cybernetics and Systems of Taylor & Francis (SCI Indexed)		IISN: 01969722	(https://doi.org/10.1080/01969722.2022.2122007)
W-NLM: a proficient EMG denoising technique	Rinku bhobhariya, Ritu Boora, Manisha Jangra and Priyanka Dalal	International Journal of information technology	9 June 2023	2517–2527	
Performance Analysis of March M & B Algorithms for Memory Built-In Self-Test (BIST)	Khushi and Kuldeep Singh	2022 IEEE World Conference on Applied Intelligence and Computing (AIC)	Aug. 2022	pp. 78-84	doi: 10.1109/AIC55036.2022.9848869.
Recent trends in selection of small molecules for OFET applications: Amini review	S S Dhyal, Abhimanyu Nain	Materials Today: Proceedings	August 2022		https://doi.org/10.1016/j.matpr.2022.08.205
Analysis and counter-measure of the FWM induced crosstalk including contemporary optical fibers	Deepak Garg, Abhimanyu Nain	Optical & Quantum Electronics	September 2022		DOI: https://doi.org/10.1007/s11082-022-04215-4 .

An improved RoFSO network based on MBMD scheme under hazy weather conditions	Kamaldeep Kaur, Abhimanyu Nain	Journal of Optics	October 2022		DOI: https://doi.org/10.1007/s12596-022-00979-w
Design Of A Precise FSO Network Including Improved Modified Refractive Index Structure Profiling For Shimla City, India	Kamaldeep Kaur, Abhimanyu Nain	Telecommunications and Radio Engineering	2023	82(5):59–71	
Charge transport studies of tris[4-(diethylamino)phenyl]amine and OFET application.	Dhayal, Sardul & Nain, Abhimanyu & Punia, Rajesh & Shrivastava, Ashutosh & Kumar, Amit	Journal of Materials Science: Materials in Electronics	2023	34	10.1007/s10854-023-10926-5.
A Review On Comprehensive Framework For ANN Based Wind Control In Multi-Area Networks	Pardeep, Vinita , Sardul Singh, Kamal Rani	IJRAR	June 2023	Issue 2(E- ISSN 2348-1269, P- ISSN 2349-5138)	Volume 10, 2023
A Review on Image Classification Model on Bacteria Image Dataset by	Rohit, Sardul Singh, Ms.	IJRAR	June 2023	(E-ISSN 2348-1269,	Volume 10, 2023
Deep Learning Method	Vinita , Kamal Rani			P- ISSN 2349-5138)	
A Study on Solar Forecasting using Artificial Neural Networks Technique	Vinita , Abhimanyu Singh, Sumit Saroha	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)	2022		ISBN: 978-1-6654-7436-8/22/\$31.00 ©2022 IEEE 1635
Comprehensive Framework For ANN Based Wind Control In Multi-Area Networks	Pardeep, Vinita , Sardul Singh, Kamal Rani	Eur. Chem. Bull	2023	3745-3752	Issue 8

Image Classification on BacteriaDataset by Deep Learning Model	Rohit Singh, Sardul Singh , Vinita , Kamal Rani	Eur. Chem. Bull	2023	3753-3760	Issue 8
Investigating Impact Of AttenuationOver Fiber Optic Communication	Nisha Rani ,Sardul Singh Dhayal and Vinita	4th International Conferenceon Advances in Computing, Communication Control andNetworking (ICAC3N)	2022		ISBN: 978-1-6654-7436-8/22 /2022 IEEE 1842
Secure and High-Performance IotModel For Healthcare	Nishi Sardul Singh Dhayal Vinita	4th International Conferenceon Advances in Computing, Communication Control and Networking (ICAC3N)	2022		ISBN: 978-1-6654-7436-8/22/2022 IEEE 1450
Simulating the impact of influencingfactors over attenuation in fiber optic	Priya Soni, Sardul Singh Dhayal and Vinita	J. Opt. Commun	2023		
Study on Green Synthesis of SilverNanoparticles for Dye Degradation and Sensing Applications by PlantExtracts	Vinita	4th International Conferenceon Advances in Computing, Communication Control andNetworking (ICAC3N)	2022		IEEE 1849 DOI: 10.11.09/ICAC3N56670. 2022.10074002

List of Workshops/STC/FDPs Attended by Faculty Members

Sr. No	Name of Faculty	Faculty Development Program/Short Term Course
1	Dr. Priyanka Dalal	Embedded C Programming of Microcontroller” organized by Dept of EE, NITTTR Chandigarh at Guru Jambheshwar University of Science and Technology, Hisar during 25 th July, 2022 to 29 th July, 2022.
2	Mr. Ajay Kumar	Attended Faculty Development Programme on Electronics System Design , organized by Visvesvaraya Technological University centre for post graduate studies Muddenahalli, Bangalore, during 17.01.2023 to 23.01.2023.
3	Dr. Abhimanyu	Attended Faculty Development Programme on Electronics System Design , organized by Visvesvaraya Technological University centre for post graduate studies Muddenahalli, Bangalore, during 17.01.2023 to 23.01.2023. Attended NITTTR Chandigarh sponsored Five - Day Faculty Development Program (25-29 Jul 2022) on Embedded C Programming of Microcontroller organized by Department of Electrical Engineering, GJUS&T, Hisar.
4	Mr. Vijaypal Singh	Attended five days ATAL IDEA Basics FDP (13-17 Sep 2022) at Visvesvaraya Technological University, Muddenahalli Campus, Bengaluru. Attended NITTTR Chandigarh sponsored Five - Day Faculty Development Program (25-29 Jul 2022) on Embedded C Programming of Microcontroller organized by Department of Electrical Engineering, GJUS&T, Hisar.
5	Dr. Ritu Boora	Attended FDP on “Embedded C Programming of Microcontroller” conducted by Electrical Engineering Department, GJUST collaboration with NITTTR, Chandigarh from 25/07/2022-29/07/2022. Attended FDP on “Recent Trends & Advances in Machine Learning” organized from 12/09/22 to 16/09/22, organized by EICT Academy IIT Roorkee, IEEE Uttar Pradesh Section and Amity University, Noida
6	Dr. Manisha Jangra	Attended FDP on “Embedded C Programming of Microcontroller” conducted by Electrical Engineering Department, GJUST collaboration with NITTTR, Chandigarh from 25/07/2022-29/07/2022.
7	Dr. Vinod Kumar	Attended FDP on “Embedded C Programming of Microcontroller” conducted by Electrical Engineering Department, GJUST collaboration with NITTTR, Chandigarh from 25/07/2022-29/07/2022.
8	Ms. Vinita	Attended 1 week FDP from 15 May 2023-20 May 2023 on “Machine learning for internet of things” at GJUST Hisar.

Placement record 2022-23

Roll No	Name	Company	Package (LPA) in Lakh
190151520004	AKHILESH KUMAR GUPTA	Hella India Automotive Pvt. Ltd.	4
190151520006	ALOK	Lumax Industries Pvt Ltd.	3.25
190151520012	ANSHUL	Coforge (NIIT Technologies)	4.25
190151520015	BHANU PRAKASH	Lumax Industries Pvt Ltd.	3.25
190151520016	CHIRAG	Hella India Automotive Pvt. Ltd.	4
190151520018	DEEPAK CHAHAL	Cognizant Pvt. Ltd.	4
190151520028	MANISH RAJ	Cognizant Pvt. Ltd.	4
190151520029	MINTU	TCS	3.36
190151520033	NEHA	Cognizant Pvt. Ltd.	4
190151520035	NISHANT	Okinawa Scooters & Motorcycles Pvt. Ltd.	3
190151520037	PARUL SHARMA	Hella India Automotive Pvt. Ltd.	4
190151520039	POOJA	Hella India Automotive Pvt. Ltd.	4
190151520040	PRANJALI SENGAR	TCS	3.36
190151520041	RAHUL	Tech Sierra	4.5
190151520047	RITIK MANGAL	Lumax Industries Pvt Ltd.	3.25
190151520048	RIYA GARG	Cognizant Pvt. Ltd.	4
190151520050	SAGAR MANGLA	Newage Instruments & Material Pvt Ltd	3.5
190151520051	SAKSHI	HDFC Bank Ltd.	
190151520052	SAKSHI SHARMA	Cognizant Pvt. Ltd.	4
190151520056	SHAGUN	Cognizant Pvt. Ltd.	4
190151520058	SHRIYANSH SINGH	Cognizant Pvt. Ltd.	4
190151520062	SUGANDHA SINGH	Hella India Automotive Pvt. Ltd.	4
190151520063	UDIT K JAIN	NIT KUK	M.Tech
190151520064	VED PARKASH	Doggiedabbas Pvt Ltd	4.2
190151520071	YUSUF HASHMI	Flipkart	3
190151529003	DAKSH TRIKHA	Okinawa Scooters & Motorcycles Pvt. Ltd.	3
190151529004	PARKASH KUMAR JHA	Eigen Technologies Pvt. Ltd.	4.2
190151529006	BOBY	Kaynes Technology India Pvt Ltd	

DEPARTMENT OF EMERGING TECHNOLOGY

- (I) **Name** : **Emerging Technology**
 (II) **Year of Establishment** : 2021
 (III) (a) **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) 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 Data Science.
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) Objective(s) 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

(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.)	30	I Year- 10 II Year-10
B.Sc-M.Sc (MIT)	30	25

(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	--	--	--	--
Assistant Professor	02	02	--	--

Sr. No	Name of Faculty	Designation	Qualification	Experience
1.	Prof. O. P. Sangwan	Chairperson	Ph.D.	16 years
2	Dr. Ravish Garg	Professor	Ph.D.	20 years
3.	Mrs. Anju Gupta	Assistant Professor	M.Tech., Ph.D.*	13 years
4.	Dr. Anil Khatak	Assistant Professor	Ph.D.	13 years

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	01	--
Lab Technician	03	--
TA G-1	--	01
Lab Attendant	01	--
Steno-typist	01	01(Clerk)*
Peon	01	01*
Sweeper	02	--

* 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: N.A

(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
30+1 (KM)	10	03	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)

(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	Publi shers	Vol.& No.	Pages	SCI/Sc opus (Yes/ No)	Impact factor
Anil Khatak, Manoj Kumar, Sanjeev Dhull	2022	A 11.91 pJ/step 70-MS/s7-Bit Sub-ranging SAR-ADC in 90 nm –CMOS Technology	Journal of Engineering Science and Technology (JESTEC)		Vol 17, Issue6	4434-4447	YES	0.20

(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	1	0	1	2	0	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. Anil Khatak	A Comparative Review of Face Detection Algorithms	International Conference on Contemporary Challenges in Management, Education, Engineering & Applied Sciences	Cheran College of Parama Engineering	Pararnathi, Karur 639111	30 th July, 2022	Y
Dr. Anil Khatak	An Analytical and Comparative Review of Iris Recognition Algorithms	International Conference on Innovative Trends in Engineering and Technology,	K J College of Engineering & Management Research,	PUNE, INDIA	28 th – 29 th July 2022	Y

(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	Leadership Development	UGC-HRDC, GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	Online (Live Mode)	One Week 19-24.12.2022
Mrs. Anju Gupta	IP Awareness	Intellectual Property Office, India	Intellectual Property Office, India	--	07.02.2023
Dr. Anil Khatak	IP Awareness	Intellectual Property Office, India	Intellectual Property Office, India	--	07.02.2023
Dr. Anil Khatak	UGC sponsored One-Week GJUS&T, Hisar Online Short-Term Programme on "Leadership Development"	GJUS&T, Hisar	UGC-HRDC, GJUS&T, Hisar	Online	One week (19-Dec-2022 to 24-Dec-2022)
Dr. Anil Khatak	Refresher Course on Artificial Intelligence and Machine Learning"	Punjabi University, Patiala (Punjab)	UGC-HRDC, Punjabi University, Patiala (Punjab)	Online	Two weeks (09 – Jan-2023 to 21-Jan-2023)

Dr. Anil Khatak	One-week Faculty Development Programme on "AI IN EDUCATION"	Ramanujan College, University of Delhi	Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry Of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	Online	One week (22-Feb 2023 to 28-Feb 2023)
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(f) **National/International Webinars Attended: Nil**

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

- i) **Refresher Course/FDP : 6**
- ii) **Orientation Course : 6**
- iii) **Webinar : 6**
- iv) **Total : 6**

(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:**

Dr. Ravish Garg:

- Member of Under Graduate Studies in the Department of Biomedical Engineering, DCRUST, Murthal for the tenure 24.12.2021 to till date.
- Contributing as State Technical University, Haryana nominee member of Academic Committee of Haryana State Board of Technical Education (HSBTE) constituted vide orders dated 25.01.2022 to till date.

(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.	Mrs. Anju Gupta	Coordinator, Career Counselling Cell, GJUST, Hisar	30.12.2019 till Date
2.	Mrs. Anju Gupta	Program Officer, Unit-6, NSS, GJUST, Hisar	01.10.2018 till Date
3.	Mrs. Anju Gupta	Coordinator, Working Women Hostel, GJUST, Hisar	02.03.2023 till Date

(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:**

i. Seminar/Conference/Refreshers course/Workshop/Training Programme:

Name of the Event	National/International	Number of participants	Dates/ Duration
Faculty Development Program (FDP) on “Machine Learning for Internet of Things” through online mode	National	60	15-20 May, 2023

ii. Extension lecture: Nil

iii. Students tour: Nil

iv. Industry interaction programmes: Nil

(XIX) Awards/ Honors 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
-	1	1	.20
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
01	--	2	--
Total number of funded research projects	Completed	Ongoing	--
--	--	--	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	--
--	--	--	--

List of companies along with number of students for training and placement:-

Sr. No.	Name of Student	Name of Company
1.	Ms. Sneha Mittal	CUH-Guest Faculty
2.	Mr. Akashay Ohlan	CUH-Guest Faculty
3.	Miss Surbhi	DSSSB, Delhi Counslor
4.	Mr. Arman	University, Panipat
5.	Mr. Vikram Jangra	Chandigarh University
6.	Mr. Anshual Girdhar	UP Government (Assistant Professor)
7.	Mr. Ravi	UP Government (Assistant Professor)
8.	Mr. Sanjay	DSSSB, Delhi Counselor
9.	Mr. Rajat	DSSSB, Delhi Counselor
10.	Ms Sunita	DSSSB, Delhi Counselor
11.	Mr.Gurmeet	DSSSB, Delhi Counselor
12.	Ms. Rekha	NVS, Counselor
13.	Ms. Kanika	NVS, Counselor
14.	Ms Prem kumar	NVS, Counselor
15.	Mr. Sumit kumar	Kota Allen Academy, Counselor
16.	Mr. Kartik	Kota Allen Academy , Counsellor
17.	Ms Monika	Manchanda Hospital
18.	Ms. Anchal	Psychologist
19.	Ms Sangeeta	NVS
20.	Ms. preeti	ODM Girls College
21.	Ms. Anchal	ES, College

DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

- (I) **Name** : English and Foreign Languages
- (II) **Year of Establishment** : 2019
- (III) (a) **Vision of the Department:** The following Certificate/Diploma Courses are also offered by the Department: Certificate/Diploma Course(s) in French Language, German Language, Mandarin Language, Spanish Language. Diploma Course in translation from English to Hindi and Hindi to English. Master Degree in English (4 year programme) as per NEP 2020 is under process.
- (b) **Mission of the Department:** The Department of English is one of the leading institutions and is engaged in improving teaching methods and materials in accordance with the exigencies of the rapid-changing scenario of English literature.
- (c) **Objective(s) of the Department:**

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

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	--	--
P.G	40+5	39
U.G	--	--

(V) Faculty detail

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

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

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Assistant	01	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:** 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:** 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	--	02	03	--	--

(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
Ms. Tamanna, Assistant Prof., (Contractual faculty)	July 2022	Analyzing Narratives of Unreliable Narrator in Vikas Swarup's <i>Six Suspects</i>	International Journal of Information Movement	NK Publishers	7, Iss 3	6-9	No	5.225
Dr. Astha Gupta, Assistant Prof., (Contractual faculty)	Oct./ Dec. 2022	The Liberation of Women in the Works of Shashi Deshpande	Refeerd journal, Peerd	Innovative research Thoughts	8, Iss- 4	248-255	No	6.2
		Small Remedies		Universail Researchh reports	09, Iss 4	1-8	NO	
Mr. Rakesh Kumar, Assistant Prof., (Contractual faculty)	Jan. 2023	Refolement: A Study of Mohsin Hamid's Exit West	Dogo Rangsang Research Journal	DOGO Publication	13	102-107	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
Professor	--	--	--	--	--	NIL
Associate Professor	--	--	--	--	--	NIL
Assistant Professor	--	--	--	02	--	02

(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.
Ms. Tamanna, Assistant Prof., (Contractual faculty)	1) Reflection of Philosophy of <i>Bhagwat Gita</i> in Vikram Chandra's <i>Sacred Games</i>	World Peace and Harmony: Insights from <i>Shrimad Bhagwad Gita</i>	Kurukshetra University	Kurukshetra	29 Nov 2022-01 Dec 2022	yes
	2) Matrix of Love and Crime in Vikas Swarup's <i>The Accidental Apprentice</i>	Negotiating Love, Combating Hatred: Exploring Love in World Literatures	XIX Annual Conference of Rajasthan Association for Studies in English	Govt. Lohia College, Churu, Rajasthan	Nov. 20-21, 2022	yes

(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: Nil
 (XIV) Detail of Consultancy Project/ Work in Department: Nil
 (XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered: Nil
 (XVI) Additional Duties Performed/Positions held in the University (Teacher-wise)

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Dr. Astha Gupta	Judge of debate Competition	1 st December 2022 Training & placement Cell, GJUS&T

- (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/Refresher course/Workshop/Training Programme; Nil
 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: Nil

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
Nil	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
--	02	--	5.225
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
--	02	--	02
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

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.	As per university norms	0
P.G.		
M.Sc. (EVS)	55	47
M.Tech. (ESE)	20	05
M.Tech (GIS)	20	03
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))

	Sanctioned	Filled	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.	26.5
Dr. (Ms.) Asha Gupta	Professor	M.Sc., Ph.D.	24
Dr. Mukul Bishnoi	Professor	M.Sc., Ph.D	24
Dr. Rajesh Kumar	Professor	M.Tech.,Ph.D	18.5
Dr. Jitender Pal	Professor	M.Tech.,Ph.D	18.5
Dr. Anu Gupta	Assistant Professor	M.Tech.,Ph.D	11
Dr. Mona Sharma(EOL)	Assistant Professor	M.Sc., Ph.D.	9
Dr. Santosh Bhukal	Assistant Professor	M.Sc., Ph.D.	8
Dr. Anita Singh Kirrolia	Assistant Professor	M.Sc., Ph.D.	9
Dr. Lakhvinder Singh	Assistant Professor	M.Sc., Ph.D.	9

(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.Attdt	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.	As per university norms	0	56
M.Sc. (EVS)	55	47	46
M.Tech. (ESE)	20	05	5
M.Tech (GIS)	20	03	8

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: 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
As per University norms	56	11	02	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
Production and Application of Biochar for Environmental Remediation	Dr. Mona Sharma	In Progress	Research	2019
Room Temperature Ionic Liquid (RTIL)/RTIL Modified Nanostructures Based Extraction of Water Contaminants: A Green Approach	Dr. Santosh Bhukal	In Progress	Research	2019
Removal of Synthetic Dye from Aqueous Solution using Biosorbent	Dr. Lakhvinder Singh	Completed	Research	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	
8	3	24		27		

(XI) Faculty wise detail of publication during the period
a) Books/Book Chapters/ Monograph etc.

S. No.	Authors	Title	Year of publication	Type of books (Text/Reference /Report)	Publishers
1.	Mandeep Kaur, Praveen Sharma, Santosh Kumari	Recent Advances in Heavy Metal Removal: Using Nanocellulose Synthesized from Agricultural Waste	2022		CRC Press
2.	Anu Gupta & Ashish Bhardwaj	Role of Video Lectures in Engineering Education, <i>International Journal of Educational Reform</i> , Vol 32, issue 2, 208-229,	2023	Reference	Sage Publications
3.	Hema Diwan and Mona Sharma	Integrated Waste Management: The Circular Economy. Publisher	2023	Reference	Cambridge Scholars Publishing, UK
4.	Santosh Bhukal, Divya Yadav and Shafila Bansal	The Role of Metallic Nanoparticles in Maximizing Crop Production	2023	Reference	Nova Science Publishers, Inc.

(a) Book Chapter

Sr. No	Authors	Title of Book chapter	Book Title	ISBN No	Year of publication	Publishers
1.	Dhingra, H.D., Mona, S	Integrated Waste Management: Circularizing The Economy for Sustainable Development	Integrated Waste Management: The Circular Economy. Publisher	ISBN: 978-1-5275-9461-6	2023	Cambridge Scholars Publishing, UK
2.	Mona, S., Kumar, S., Diwan, H.D., Deepak, B., Bhateria, R. 2023	Manufacturing Industry Towards Carbon Footprint Reduction and Environmental Sustainability	Integrated Waste Management: The Circular Economy. Publisher	ISBN: 978-1-5275-9461-6	2023	Cambridge Scholars Publishing, UK
3.	Kumar, S., Saini, N., Sujata, Yadav, A., Sharma, A., Deepak, B., Mona S.	Algae for Wastewater Treatment: An Integrated Approach for Circular Biorefinery.	Integrated Waste Management: The Circular Economy. Publisher	ISBN: 978-1-5275-9461-6	2023	Cambridge Scholars Publishing, UK
4.	Singh R., Bhateria, R., Mona, S.	Nanotechnology-Based Remediation Techniques to Eliminate Heavy Metal Pollutants from Wastewater.	The Handbook of Emerging Technologies in Wastewater Treatment (Ed. Maulin P. Shah).	ISBN9781003164982	2023	CRC Press, Taylor & Francis, Boca Raton
5.	Bhateria, R., Mona, S., Sharma, Y.	Green Synthesized Iron Nanoparticles for Environmental Management: Minimizing Material and Energy Inputs.	The Handbook of Environmental Chemistry.	Electronic ISBN 1616-864X Print ISBN 1867-979X	2023	Springer, Berlin, Heidelberg
6.	Saini, N., Kumar, S., Deepak, B., Mona, S.	High-Throughput Sequencing Technologies in Metagenomics: Advanced Approaches for Algal Research	Omics Insights in Environmental Bioremediation	ISBN. 9789811943195	2022	Springer Nature Singapore

XI (b) Research Papers/ Publications

Sr No.	Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
1	Manmohan Lal, Praveen Sharma, Chhotu Ram	2023	Optical, structural properties and photocatalytic potential of Nd-ZnO nanoparticles synthesized by hydrothermal method	Results in Optics	Elsevier		100371	Yes	
2	Manmohan Lal, Praveen Sharma, Lakhvinder Singh, Chhotu Ram	2023	Photocatalytic degradation of hazardous Rhodamine B dye using sol-gel mediated ultrasonic hydrothermal synthesized of ZnO nanoparticles	Results in Engineering	Elsevier	15	100308	Yes	5
3	Monika Barala, Jyoti Jaglan, Devendra Mohan, Sujata Sanghi, Parveen Sharma	2023	Optical and Dispersion Energy Parameters of PS/Ag Nanocomposite Foils and Their Antibacterial Activity Against MDR Bacteria	Brazilian Journal of Physics	Springer US	53	1-14	Yes	1.6
4	Jyoti Jaglan, Andrew C Singer, Praveen Sharma, Savita Jaglan	2022	Tinospora cordifolia-leaves aqueous extract biocidal activity on gram-negative bacteria	GSC Biological and Pharma Sciences	GSC Online Press	19	5-8		6.25
5	Mandeep Kaur, Santosh Kumari, Praveen Sharma	2022	Response surface methodology adhering central composite design for the optimization of Zn (II) adsorption using rice husk nanoadsorbent	Chemical Physics Letters	North-Holland		139684	Yes	2.8
6	Manmohan Lal, Praveen Sharma, Chhotu Ram	2022	Synthesis and photocatalytic potential of Nd-doped TiO ₂ under UV and solar light irradiation using a sol-gel ultrasonication method	Results in Materials	Elsevier	15	100308		
7	Neha, Nisha Sethi, Sangita Yadav, Subhash Chander, Sweta Kumari, Ankur and Asha Gupta	2023	Evaluation of lipase from an indigenous isolated <i>Bacillus</i> strain for biodiesel production	Nature Environment and Pollution Technology	Technoscience Publications	Vol. 22 & No.	1319-1330	YES	0.74
8	Sangita Yadav, Subhash Chander, Neha, Sweta Kumar, Ankur & A Gupta	2023	Removal of indigo blue dye using iron oxide nanoparticles via Taguchi method	Oriental journal of chemistry		Vol. 39 & No. 2	364-371	Yes	0.5
9	Sangita Yadav, Sunita Punia, Hardeep Rai Sharma, Asha Gupta	2023	Nano-remediation for the decolourisation of textile effluents: A review	Nanofabrication		Vol. 7	217-243	no	
10	Kulbir Singh, Rajesh Kumar Lohchab, Mikhlesh Kumari	2022	Impregnation of zinc oxide nanoparticles on activated carbon synthesised from corncob for appraisal of leachate chemical oxygen demand removal potential	International Journal of Env Analytical Chemistry	Taylor & Francis		1-24	Yes	2.731

11	Kulbir Singh, Rajesh K Lohchab, Paramjeet Dhull, Priti Kumari, Vishu Choudhary, Jyoti Bala	2022	Solid Wastes Generation at Various Zones of Universities Campus: Characterisation and its management Approaches	Pollution Research	EM International	41,2	557-568	Yes	0.18
12	Mikhlesh Kumari, Rajesh Kumar Lohchab, Kulbir Singh, Paramjeet Dhull, A.K. Haritash	2023	Sustainable Green Approach of Silica Nanoparticle Synthesis Using an Agro-waste Rice Husk	Nature Environment and Pollution Technology	Technoscience Publications	22,1	477-487	Yes	0.169
13	Kulbir Singh, Rajesh Kumar Lohchab, Mikhlesh Kumari, Anil Nain	2023	Evaluation of Dynamic Characteristics and Contemporary Management of Institutional Solid Wastes	International Journal of Env Analytical Chemistry	Taylor & Francis		1-2	Yes	2.731
14	Paramjeet Dhull, Rajesh Kumar Lohchab, Mikhlesh Kumari, Sachin Kumar, Shaloo, Anil Kumar Bhankhar	2023	Anaerobic Digestion: Advance Techniques for Enhanced Biomethane/Biogas Production as a Source of Renewable Energy	Bioenergy Research	Springer		1-22	Yes	3.852
15	Mandeep Kaur, Jitender Pal	2023	Evaluation of efficiency of Wheat straw nanocellulose as nanoabsorbent for the removal of divalent copper, lead and zinc from aqueous solution	Carbohydrate Polymer Technologies & Applications	Elsevier	6	100350	yes	5.8
16	Pooja Ranwala, Jitender Pal, Vinod Kumar Garg, Shakuntala Rani	2023	Synthesis of nanocellulose for the removal of naphthalene from simulated wastewater	Chemical Papers	Springer	doi.org/10.1007/s11696-023-02919-9		yes	2.2
17	Savita Sihag, Jitender Pal	2023	Synthesis and characterization of zinc oxide nanocomposite for fluoride ion removal from aqueous solution	Environmental Monitoring Assessment	Springer	195		yes	3.0
18	Savita Sihag, Jitender Pal	2023	Adsorption of fluoride ions from aqueous solution by rice husk based nanocellulose	Advances in Environmental Technology.	Iranian Association of Chemicals Engineers	9(3)	194-214	yes	0.12
19	Sharma, M., Sujata, S., Bansal, D., & Kaushik, P.	2023	Mini Review on the Potential of Algal Biosensors in Wastewater Monitoring.	Nanoscience & Nanotechnology-Asia		13(4)	24-27	YES	
20	Sharma, A. Pal, K., Saini, N., Kumar, S., Deepak, B., Mona, S.	2023	Remediation of contaminants from wastewater using algal nanoparticles via green chemistry approach: An organized review	Nanotechnology				YES	

21	Sahil Mor · Khaiwal Ravindra · Santosh Bhukal · Veenu Mor · Narsi Ram Bishnoi	2023	Evaluation of Public Perception About Sustainable Crop Residue Management Practices and Health Effects in Haryana” India	Water Air Soil Pollution	Springer	233	233-277 234:184	Yes	2.9
22	Karmjeet Nain, Divya Dhillayan, Shafla Bansal, Qudrat Hundal, Priya Saharan, Santosh Bhukal*	2023	Adsorption potential of ionic liquid-modified ZnO nanoparticles for highly efficient removal of azo dye: detailed isotherms and kinetic	Environmental Science and Pollution Research	Springer		1-17	Yes	5.8
23	Rishi Mittal, Anuj Sharma, Abhishek Kumar Bhardwa, Rachna Bhateria, Shafila Bansal, Rajiv Kashyap, Santosh Bhukal	2023	Removal of chromium (VI) using <i>spirulina</i> assisted synthesized mesoporous iron oxide nanoparticles	Inorganic Chemistry Communications		154	110 881	Yes	3.8
24	Santosh Bhukal, Anuj Sharma, Rishi, Divya, Sumit Kumar, · Bansal Deepak, Kaushik Pal, Sharma Mona	2022	Spirulina Based Iron Oxide Nanoparticles for Adsorptive Removal of Crystal Violet Dye	Topics in Catalysis				Yes	2.9
25	S Mor, Santosh Bhukal, Narsi Ram Bishnoi,	2022	Crop Residue Burning: Impacts, Management Techniques and Policies	Annals Of Biology				Yes	
26	Sahil Mor, Santosh Bhukal, Narsi Ram Bishnoi & Khaiwal Ravindra	2022	Diurnal Variations in the Air Pollutants Concentration over Haryana, India, and Understanding their Emission Sources	Water, Air, & Soil Pollution		233		Yes	
27	S Mor, T Singh, NR Bishnoi, S Bhukal, K Ravindra	2022	Understanding seasonal variation in ambient air quality and its relationship with crop residue burning activities in an agrarian state of India	Environmental Science and Pollution Research, 1-14		29	4145– 4158	Yes	4.3

(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	02	10	08	02	10

(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
Prof. Asha Gupta	Microbial reduction of graphene oxide: A green chemistry approach	In international conference on Recent advances in Green and Sustainable chemistry (ICRAGSC)	Maharaja Agrasen University	Solan, HP	22 Dec. 2022	-
Dr. Anu Gupta	Synthesis and Characterization of nano adsorbent from Neem Leaf (Azadirachta Indica) adsorbent	International Conference on "Frontiers in Energy, Environment and Material Sciences for Sustainable Development (FEEMSSD)	Madan Mohan Malaviya University of Technology (MMMUT)	Gorakhpur, Uttar Pradesh (India).	16-17 March 2023	
Dr. Anu Gupta	Engineering Education During Pandemic: Psychological Challenges And Best Practices	4th APSPA International Conference	Central University of Haryana,	Mahendergarh	15-16th March, 2023,	
Dr. Mona Sharma	Advances in Algal Research	Advances in Algal Research	IIT Guwahati	IIT Guwahati	June 12-14, 2023	University
Dr. Mona Sharma	Photobiological hydrogen production and bioremediation of emerging contaminants: An Integrated Approach	Characterization and quantification of emerging contaminants	Department of Biosciences and Biomedical Engineering IIT, Indore	IIT, Indore	6-10 February, 2023	University
Dr. Mona Sharma	Earth Observation (EO) and Future Earth"	International Geographical Union (IGU) Thematic Conference	Department of Geography,	Central university of Haryana, Mahendergarh, India	November 24-25, 2022	
Dr. Mona Sharma	Humanities and Biodiversity Conservation"	International Geographical Union (IGU) Thematic Conference	Department of Geography,	Central university of Haryana, Mahendergarh, India	November 24-25, 2022	
Dr. Mona Sharma	Potential Role of Algae in minimizing the increased atmospheric CO ₂	International Geographical Union (IGU) Thematic Conference	Department of Geography,	Department of Geography, Central university of Haryana, Mahendergarh, India	November 24-25, 2022	

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

Name of Teacher/Faculty	Title of paper presented	Theme of conference/Seminar	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST/ CSIR/ AICTE/ University
Anu Gupta	Development of Rice Husk Reinforced polymer composites for infrastructural application	National Conference on Atmanirbhar Bharat: A Vibrant Growth in Indian Economy,	TITS	Bhiwani	March 24-25, 2023	
Santosh Bhukal	"Sustainable approach for green synthesis of Mesoporous Nanoparticle using <i>Spirulina</i> (microalgae) for adsorptive removal of Chromium"	"Sustainable approach for green synthesis of Mesoporous Nanoparticle using <i>Spirulina</i> (microalgae) for adsorptive removal of Chromium"	Indian Institute of Technology Gandhinagar (IITGN) and Gujarat Ecological Education and Research (GEER) Foundation, Gandhinagar.	Gujarat	16-20 January 2023	

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

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

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

Name of Teacher/Faculty	Title of Webinar	Host organization	Date
Anu Gupta	FDP on Characterization of nano-materials and applications	NITTTR, Chandigarh	22.05.2023 - 26.05.2023
Dr Mona Sharma	Seminar BHARAT@75: SOCIAL, ECONOMIC, POLITICAL, AND CULTURAL DIMENSIONS	Central University of Haryana.	9-19 September 2022

(g) **Total number of Oriented Courses attended:**

- i. Oriented Courses/Refresher Courses :00
- ii. Webinars :02
- iii. Total :00

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

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

(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-Till date
4.	Dr. Anu Gupta	Coordinator, GH-II, Girls Hostel	Oct, 2018- Till date
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
Ozone day celebration	Webinar	70	1 day	16 Sept 2022

ii. Extension lecture: (with resource person & date): Nil

iii. Students tour Nil

iv. Industry interaction programs: (with name of company & date): Nil

(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: Nil

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
21	24	3	6.25
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
10	--	10	--
Total number of funded research projects	Completed	Ongoing	--
04	01	03	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	Ph.D. Degree submitted	PhD. Degree awarded	-
11	02	02	--

DEPARTMENT OF FOOD TECHNOLOGY

(I) **Name** : Food Technology

(II) **Year of Establishment** : 1995

(III) (a) 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) 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) Objective(s) of the Department:

- 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

(IV) Programme (s) offered in the department

Programme (s)	Sanctioned intake	Present strength(total)
Ph.D.	16	15 (Registered)+ 09 (fresh admitted)
PG (M.Sc.)	35	68 (Ist & IInd year)
PG (M.Tech.)	20	9 (Ist & IInd year)
UG (B.Tech.)	30	90 (Ist, IInd , IIIrd & IVth year)
UG (B.Voc.)	40	91 (Ist, IInd , IIIrd year)

(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	NIL	-	-
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	27 years
Prof. Aradhita B.Ray	Professor	Ph.D	27 years 03months
Dr. Manish Kumar	Associate Professor	Ph.D	18

Contract/Guest Faculty details

Name of Teacher	Designation	Qualification	Experience (in years)
Dr. Priyanka Kajla	Assistant Professor (Contractual)	Ph.D	10Years
Dr. Parveen Kumari	Assistant Professor (Contractual)	Ph.D	10 Years

Dr. Sonika	Assistant Professor (Contractual)	Ph.D	5 Years +2.9Yrs (Industry)
Dr. Aneeta Khatak	Assistant Professor (Contractual)	Ph.D	6 Years
Er. Sunil Kumar	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	5 Years +4Yrs (Industry)
Er. Ankur Luthra	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	5 Years
Er. Mithun Kumar	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	5Years
Dr. Aastha Dewan	Assistant Professor (Contractual)	Ph.D	5Years 11 Months
Er. Manisha Malik	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	5 Years
Dr. Navnidhi	Assistant Professor (Contractual)	Ph.D	10.5 Years
Er. Neha Yadav	Assistant Professor (Contractual)	M.Tech. (Ph.D Ongoing)	6 Years
Dr. Rattan Singh	Assistant Professor (Temporary Faculty)	Ph.D	2 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+1 ATO
Lab. Attendant	03	04+2
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	05	04
M.Sc.	35	35	33

(b) Students detail in respect of B.Tech Programme:

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	20	15	12	21	22

(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
15	02	-	02
Annexure-I			

(IX) Sponsored Research/ Consultancy Projects: NIL

Title of the Project	Name of the Investigator(s)	Status: Completed/In Progress	Nature: Research/ Consultancy	Month & Year of award
Quality assessment of popular Indian fried snacks (<i>Samosa and Kachori</i>) served in different location of Hisar Haryana	Dr. Manish Kumar	In Progress	Research	17.01. 2023
	TOTAL			

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
7			30		

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

a) Books/Book Chapters/ Monograph etc.

Authors	Book	Book/ Book Chapter	Title	Year of Publication	Type of books (Text/ Reference/ Report)	National/ International	Publisher	Impact factor
Shobhit, Alka Sharma and Aastha Dewan	Bioprocessing in Food Science		Nutraceuticals from Guava Waste	2023		International		
Nita Kaushik, and Aradhita Barmanray	Sustainable Food Resource Management: Technological Interventions, Safety Aspects and Future Trends	“Technologies for Reducing Postharvest Losses for Sustainable Food System”		Dec. 2022		National	AkiNik Publications, 247-261	
Priyanka Kajla, Vandana Chaudhary, Aastha Dewan, Nandani Goyal	Functionality and Application of Colored Cereals	Book chapter	Colored Cereals: Botanical Aspects	2023	Text/Reference	International	Academic Press	
Aastha Dewan, Anil Panghal, Bahareh Dabaghiannejad, Vivek Ranga, Naveen Kumar, Navnidhi Chhikara	Novel Technologies in Food Science	Book chapter	Radio frequency Technology in Food Processing	2023	Text/Reference	International	John Wiley & Sons, Inc.	
Navnidhi Chhikara, Anil Panghal, Gaurav Chaudhary,	Microbes in Food Industry			2023	Reference	International	John Wiley & Sons	
Kehinde, B.A., Panghal, A., Bishnoi, P., Chhikara, N.,	In Nanotechnology Applications for Food Safety and Quality Monitoring	<u>Role of nanotechnology in food supply chain</u>		2023	Reference	International		
Chhikara, N., Panghal, A., Yadav, D.N., Mann, S., Bishnoi, P.,	Novel Technologies in Food Science	Pulse Electric Field: Novel Technology in Food Processing		2023	Reference	International	John Wiley & Sons	

b) Research Papers/ Articles in Journals

Authors	Year	Title of paper	Name of journal	Publishers	Pages	Vol.& No.	Impact factor	National/ International
Samuel Jaddu , Alka Sharma and Venkata S.P. Bitra	2023	Effect of Emulsifiers on Quality Parameters of Coconut (Cocos nucifera L.) Milk Concentrate.	<i>The Indian Journal of Nutrition and Dietetics</i>		P-273-287	Vol.60 (2)		National
Shobhit, Alka Sharma, Priyanka Kajla, Sneha Punia Bangar & Jose M. Lorenzo	2022	Drying Kinetics of Pretreated Drumstick (<i>Moringa oleifera</i>) Leaves During Lyophilization.	Food Analytical Methods		3334-3335	15		
Ambawat, S.; Sharma, A.; Saini, R.K.	2022	Mathematical Modeling of Thin Layer Drying Kinetics and Moisture Diffusivity Study of Pretreated Moringa oleifera Leaves Using Fluidized Bed Dryer.	Processes		2464	10		
Shobhit and Alka Sharma	2023	Development and Quality Evaluation of Masala Khakhra Fortified with Moringa Leaves Powder	Annals of Biology		130-135	39, (1)		International
Nita Kaushik and Aradhita Barmanray.	2023	Antiviral potential of black cumin (<i>Nigella sativa</i> L.) against viral diseases	<i>International Journal of Pharmacognosy and Pharmaceutical Sciences.</i>	Akinik Publications	pp 125-133	Vol. 05,		yes
Darshana Sihmar and Aradhita Barman Ray	2023	Effect of thermal and sonication processing on the naringin and ascorbic acid content of grapefruit juice	<i>Journal of Applied Biology and Biotechnology (JABB)</i>			volume 11.		
Aradhita Barmanray, Nita Kaushik and Rajesh Kumar	2023	A Study on Black Cumin (<i>Nigella sativa</i> L.) Fortified Processed Products: Formulation and Evaluation.	<i>Journal of Nutrition and Food Security (JNFS)</i>			Volume 8 ,issue 3		
Nita Kaushik, Manju V Nehra and Aradhita Barmanray	2023	Effect of Grape Syrup as a replacement of Sugar in various Beverages	<i>International Journal of Science Academic Research</i>			Vol. 04	6.67	
Nita Kaushik, Aradhita Barmanray And Vinita Sharma	August, 2023	A Review on recent advanced spoilage detection techniques for fruits and vegetables	<i>International Journal Science Academic Research</i>	Akinik Publications		Vol5 (2) pp1-10	6.67	Peer-reviewed journal
Nita Kaushik and Prof.Aradhita Barmanray	January, 2023	Potential Health Promoting Attributes of Indian Seed Spices.	<i>Journal of Science and Technology</i>	Longman Publisher	pp 4971-4975	Vol. 07, issue 5,pp 1-19		Peer-reviewed journal
Nita Kaushik and Aradhita Barmanray	Dec.2022	Evaluation of Flavonoid content, Phenolic compounds and antioxidant properties of <i>Nigella sativa</i> seed extracts using different solvents.	<i>IJFANS International Journal of Food and Nutritional Sciences</i>		Pp 379-391	Vol.11,5,issue3	0.71	Peer-reviewed journal

Nisha Singhania, and Aradhita Barmanray	Dec. 2022	Optimization of solvent extraction conditions of bioactive compounds from wood apple (<i>Limonia acidissima</i> L.) fruit using ultrasonic assisted extraction	<i>Journal of Food Processing and Preservation</i>		Pp2964-2973	vol. 46,12(2022)	1.29	
Nisha Singhania, and Aradhita Barmanray	Sept. 2022	Optimization of Phenolic Compounds Extraction from Wood Apple (<i>Limonia Acidissima</i> L.) fruit using	<i>Current Research in Nutrition and Food Science.</i>		Pg. 633-646	Vol.10, No. (2) 2022	0.25	
Manish Kumar and Aradhita Ray		Experimental Design Methodology Effect of Electric Field Strength and Applied Temperature on Vitamin C, Total Phenolic Content and Total Carotenoid content of Ohmic treated orange juice	<i>Technofame-A Journal of Multidisciplinary Advance Research</i>		Page No.17-26	Vol.11 (2)		
Manish Kumar and Anjali Bidlan	2022	"Comparative assessment of different processing methods used for minimization of bitterness in Bitter gourd".	<i>Sustainability, Agri, Food and Environmental Research</i>		Pages17-26	11(2)	0.6	
Manish Kumar and Aradhita Ray	2022	Electric Field Strength and Applied Temperature on Vitamin C, Total Phenolic Content and Total Carotenoids Content of Ohmic Heated Orange Juice.	TECHNOFAME- A Journal of Multidisciplinary Advance Research		11 (2) pages 17-26		5.01	
Sneh Punia Bangar, William Scott Whiteside, Priyanka Kajla, Milad Tavassoli	2023	Value addition of rice straw cellulose fibers as a reinforcer in packaging applications	International Journal of Biological Macromolecules	Elsevier	243	125320	Yes 8.20	International
Sneh Punia Bangar, Priyanka Kajla, Vandana Chaudhary, Nitya Sharma, Fatih Ozogul	2023	<u>Luteolin: A flavone with myriads of bioactivities and food applications</u>	Food Bioscience	Elsevier	52	102366	yes	International
Priya Dang, Nisha Chaudhary, Vandana Chaudhary, Amardeep Singh Viridi, Priyanka Kajla, Preeti Khanna, Saurabh Kumar Jha, Niraj Kumar Jha, Mustfa F Alkhanani, Vineeta Singh, Shafiul Haque	2023	<u>Nanotechnology impacting probiotics and prebiotics: a paradigm shift in nutraceuticals technology</u>	International Journal of Food Microbiology	Elsevier	388	110083	Yes 5.4	International
Sneh Punia Bangar, Priyanka Kajla, Tabli Ghosh	2023	Valorization of wheat straw in food packaging: A source of cellulose	International Journal of Biological Macromolecules	Elsevier	227	762-776	8.20	International
Sonika Banyal & Himanshu Yadav	Nov, 2022	COFFEE; Trends on Trade and Processing-A Review	International Journal of Innovative Science and Research Technology		Volume 7, Issue 11,		3.19	International

Bhavika Mehta & Sonika Banyal	January – 2023	Mini Project on Extraction and Quantification of Lycopene from Tomatoes and Papaya Fruit	International Journal of Innovative Science and Research Technology		Volume 8, Issue 1,		3.19	International
Vishal, Sonika Banyal, Adarsh Kumar Shukla, Anita Kumari, Ashwani Kumar, Aneeta Khatak, Ankur Luthra, Sunil & Mithun Kumar	2023	Effect of Modification on Quality Parameters of Jackfruit (<i>Artocarpus heterophyllus</i>) Seed Starch to Valorize its Food Potential and In-Silico Investigation of the Pharmacological Compound Against Salmonellosis	Waste and Biomass Valorization		14,	pages1597–1610	3.4	International
Poonam1, Dr. Sonika Banyal1*, Dr Anita Kumari2, Ankur Luthra1 and Sunil Kundu1	2022	Utilization And Evaluation Of Fenugreek (<i>Trigonella Foenumgraecum</i>) Gum As A Stabilizer In Ice Cream	Annals. Food Science and Technology			Volume 23, Issue 2,	UGC	International
Vandana Chaudhary, Priyanka Kajla, Aastha Dewan, R Pandiselvam, Claudia Terezia Socol, Cristina Maria Maerescu	2022	Spectroscopic techniques for authentication of animal origin foods	Frontiers in Nutrition	Frontiers	979204	9	6.59	International
Aastha Dewan, Singh Khatkar, Bhupendar	2023	Wheat Polymeric proteins isolation and characterization: microstructural, thermal, configurational and spectroscopic approach	European Journal of Food Science and Technology	Springer	1797-1806	249	3.49	International
Nisha Chaudhary, Priya Dangi, Vandana Chaudhary, Aastha Dewan, Sujata Pandit Sharma, Amrita Poonia, Manoj Kumar	2022	A review on instant controlled pressure drop technology- a strategic tool for extraction of bioactive compounds	International Journal of Food Science & Technology	Wiley	E1-e11	57	3.612	International
Aastha Dewan, Nisha Chaudhary, Bhupendar Singh Khatkar	2022	Effects of wheat gliadin and glutenin fractions on dough properties, oil uptake, and microstructure of instant noodles	Journal of Food Processing and Preservation	Wiley	e17100	46	2.609	International
Rostamabadi, H., Chaudhary, V., Chhikara, N., Sharma, N., Nowacka, M., Demirkesen, I., Rathnakumar, K., Falsafi, S.R.	2023	<u>Ovalbumin, an outstanding food hydrocolloid: Applications, techno-functional attributes, and nutritional facts, A systematic review.</u>	Food Hydrocolloids	Elsevier	108514		11.5	International
Singhania, N., Barmanray, A., Chhikara, N.	2022	<u>Optimization of solvent extraction conditions of bioactive compound from wood apple (<i>Limonia acidissima</i> L.) fruit using ultrasonic assisted extraction.</u>	Journal of Food Processing and Preservation	Wiley	E17269		2.6	International

(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	1		1			
Associate Professor		1	1			
Assistant Professor	1	1	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.
Prof. Aradhita Barmanray	As A Speaker		4 th European Food Chemistry Congress	Rome, Italy	June 19-20, 2023	
Nita Kaushik, Aradhita Barmanray (2022)	“Black cumin (<i>Nigella sativa</i> L.) seeds: A Rich Source of Nutraceuticals”	International Virtual Conference on Sustainable International Virtual Conference on Sustainable Approaches in Food Engineering & Technology (SAFETY-2022)	Tezpur University,	Assam	19-20th Oct. 2022	AICTE
Dr Aastha Dewan	Impact of gluten fractions on microstructure of dough	International conference on Multidisciplinary Approach for Healthy and Sustainable Foods- 6 th AMIFOST-2023	Amity University, Noida	Noida	March 13-14, 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.
Dr Manish Kumar	Ohmic heating in food processing	Five Day SERB sponsored Karyashala workshop on “Sustainable Disruptive Technology in Agri-food sector for Processing & Preservation”	Department of Food Process Engineering, NIT, Rourkela, Odisha	Odisha	11-15 th July, 2022	SERB
Dr Aastha Dewan	Burgeoning of peanut yoghurt through pomegranate peel powder amalgamation a blended functional approach	Recent Advances in Nutraceuticals and Functional Foods	Graphic era deemed to be university, Dehradun	Dehradun	May 22-23, 2023	

- (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:

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 B. Ray

- Executive member AFST (I), Hisar Chapter.
- Life member of the Haryana Society of Horticultural Sciences.
- Life member of the Nutrition Society of India (NSI), National Institute of Nutrition, Hyderabad.
- Annual member of the Association of Food Scientists and Technologists (AFST), Hisar, Chapter.
- Annual member of the Association of Microbiologists of India (Hisar chapter)

Dr. Manish Kumar

- SWIFT membership
- AFSTI membership

ii) Member of Expert Committees:

iii) Member of Academic Bodies of other institutions:

iv) Any Other

Prof. Aradhita Barmanray has visited the Cashew processing laboratory as well as all Fruit processing facilities available at ICAR-CCARI, GOA and had a fruitful scientific discussion and exchange of ideas with the Director, ICAR-CENTRAL COASTAL AGRICULTURAL RESEARCH INSTITUTE, GOA on 21-06-2023

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

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

Name	Type	Topic/ Subject	Institution	Dates
Prof. Aradhita, B. Ray	Invited two talks delivered under ICAR- NAHEP Project training on “Processing of fruits and vegetables” funded by the World Bank and GOI.	1. Recent trends and Advances in Post-Harvest Technology of fruits and Vegetables 2. Method Demonstration of fruit Jelly	College of Agriculture, Bawal	30-01-2023

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Aradhita B.Ray	Officiating Chairperson of the Dept. of Food Technology during leave duration of the present Chairman	19 th to 28 th Nov.2021 and 5 th to 15 th March,2022

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

Activity	No. of Students	No. of Companies *
Training		
MSc 2 nd	29	15
BTech 4 th	29	10
BTech 3 rd	21	9
BVoc 2 nd	17	9
Placement	30	4

- **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
Expert Lecture by Prof. Jiwan ,S. Sindhu	My Half Century Journey thru Food Science & Technology	120	28 th February, 2023, At University Auditorium
	Department Celebrated Swami Dayanad Jayanti on 15.02.2023	150	15.02.2023

ii. Extension lecture:

Topic	Resource Person	Number of Participants	Dates
Skills Required in Food Business	Mr. Deepak Mittal	30 M.Sc. students	01.03.2023

iii. Students tour : Nil**iv. Industry interaction programmes :**

Name of the Event	Name of the Industry	Name of the Participants	Dates/ Duration
Pacement Drive	Haldiram, Snacks, Pvt. Ltd. Noida	45	01.02.2023
Off Campus Placement	NuTaste Food & Drink Labs Pvt. Ltd. Gurugram	20	19.01.2023
On Campus Placement	Chukde Spices, New lifestyle Pvt.Ltd. Naagour, Jodhpur, Rajasthan	26	09.05.2023
On Campus	ADS, Spirit, Pvt. Ltd. Jhajjar, Haryana	45	07.12.2022

(XIX) Awards/ Honours received by Faculty

Name of the Teacher	Title of the Award	Name of the Awarding Agency	National / International	Date Conferred
Er. Ankur Luthra (Assistant Professor)	Food Safety Cadre Award	NIFTEM & Nestle Sponsored by FICCI	National	31 June,2023
Er. Neha Yadav (Assistant Professor)	Best paper award	IIP, Delhi	National	March, 2023

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

- Welcome show & Induction programs were celebrated in Sept, 2022.
- Department of Food Technology has successfully participated in NAAC⁺⁺ Accreditation at university level

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	--
7 Book Chapters	6	1	--
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	--	--	11.5
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
3	2	1	--
Total number of funded research projects	Completed	Ongoing	--
2	1	1	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	--
15	1	2	--

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 recruit more number of regular faculty members as the total number of regular courses are even more (05 Courses) than existing regular faculty members (03 faculty).
- To enhance the quality and number of research publications of the faculty members it needs to strength the research facility of the department by allocating funds for equipment purchase.
- To upgrade the teaching and research skills, faculty members should be allowed to participate in national and international event with financial support.
- Student placement and training needs to improve by signing MOU with the visiting industries at regular intervals.
- It is recommended to initiate student and faculty exchange program with National and International institutes for doing excellent in the field of Food Technology.

Annexure - I

Sr. No.	Registration No.	Name of the Candidate	Topic of Research	Name of Supervisor	Date of Registration	Date of admission in Ph.D., if not Registered
1.	190080090101	Ms. Nita	Extraction and Identification of Major Bioactive Components in Back cumin Seeds (Nigella sativa L.)	Prof. Aradhita B.Ray	11.10.2021	--
2.	220080090001	Ms. Manisha Malik	Reformulation of salts in noodles	Prof. B.S. Khatkar	27.06.2022	--
3.	230080090001	Mr. Ankur Luthra	--	Prof. B.S. Khatkar	10.02.2023	
4.	230080090002	Mr. Mithun Kumar	--	Prof. B.S. Khatkar	10.02.2023	12.02.2019
5.	20080090101	Ms. Ambika Choudhary	--	Dr. Manish Kumar	--	04.01.2021
6.	20080090102	Ms. Kavita	--	Dr. Manish Kumar	--	04.01.2021
7.	210080090102	Ms. Sangeeta	--	Dr. Alka Sharma	--	03.03.2022
8.	210080090104	Ms. Sonu Yadav	--	Dr. Alka Sharma	--	03.03.2022
9.	210080090105	Ms. Mukesh	--	Dr. Aradhita B.Ray	--	25.03.2022
10.	210080090106	Ms. Anjali Soni	--	Dr. Aradhita B.Ray	--	25.03.2022

**DEPARTMENT OF GURU JAMBHESHWAR JI MAHARAJ INSTITUTE OF
RELIGIOUS STUDIES**

(I) **Name** : Guru Jambheshwar Ji Maharaj Institute of Religious Studies

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

(III) **(a) 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) 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) Objective(s) of the Department: गुरु जम्भेश्वर जी ने जीवन से संबद्ध 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, साधरियों, में भ्रमण करके संबद्ध 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 प्रह्लादपंथी 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 उन्नीस धर्म-नियमों के साथ तुलनात्मक अध्ययन।

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

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

Professor		Associate Professor		Assistant Professor		Contract/ Guest Faculty
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled	
01	01	02	Nil	01	Nil	01

(VI) Office/Tech. Staff details:

Title of Position	Sanctioned Strength	In position strength
Clerk/Assistant	01	Nil
Steno Typist	01	Nil
Peon	01	HKRN
Peon-cum-Pujari	01	Nil
Library Attendant	01	HKRN
Care Taker cum Clerk	01	HKRN

(VII) a) Students detail in respect of M.Sc., M. Tech., M. Pharm., Master of

Physiotherapy, M.Com. and MBA Courses: 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: 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
04	04	07	07

(IX) Sponsored Research/ Consultancy Project: Nil

(X) Number of Publications of Faculty (in Total) Nil

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

(XII) Participation of faculty in Seminar/Conference/Workshop and refresher courses etc. during the period: Nil

(XIII) Association with National and State Level Bodies (Give teacher-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
 - (ii) Academic Council

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

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

(XVI) Additional Duties Performed/Positions held in the University (Teacher-wise): 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) Seminal /Conference/Refreshers course/Workshop/Training Programme: Nil
- ii) Extension lecture : Nil
- iii) Students tour : Nil
- iv) Industry interaction programs : Nil

(XIX) Awards/ Honours received by Faculty: Nil

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

- a) 5 जून, 2023 पर्यावरण दिवस, गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा 19.05.2023 (अमावस्या) हवन व गुरु जम्भेश्वर जी की शिक्षाओं पर , व्याख्यान, प्रवचन का आयोजन किया गया था।
- b) गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान द्वारा इस विषय गुरु जम्भेश्वर जी की शिक्षाएं व **(Essence of Indian Traditional Knowledge)** को ECE - 03 Period, ME- 03 Period, Electrical – 03 Period, Printing – 03 Period, Packing – 03 Period , Economic की कक्षाओं में नियमित रूप से पढ़ाना शुरू किया गया।

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 Group 2 (Journals Indexed in WOS/Scopus)	Highest Impact Factor
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	--
Total number of funded research projects	Completed	Ongoing	--
Nil	Nil	Nil	--
Total Number of scholars Registered in PH.D. Programme	Ph.D. Degree submitted	Ph.D. Degree awarded	--
04	05	04	--

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

गुरु जम्भेश्वर जी महाराज धार्मिक अध्ययन संस्थान में आगामी वर्ष में एम. ए. धर्म शुरू करने की तैयारी है। जिसका पाठ्यक्रम तैयार हो चुका है।

DEPARTMENT OF HARYANA SCHOOL OF BUSINESS

- (I) **Name** : Haryana School of Business
- (II) **Year of Establishment** : 1995 (Restructured in 2007)
- (III) (a) **Vision of the Department:** 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) **Mission of the Department:** HSB strives to contribute its best in transforming raw brains into effective leaders ready to contribute towards national economic & societal growth.
- (c) **Objective(s) of the Department:**
- To impart quality higher education in the fields of business management;
 - To carry out research programmes related to areas of management, business and economics;
 - To provide consultancy to the industry, government and others;
 - To provide knowledge and informational resources under single roof to the various end users;
 - To provide customized training to the personnel from corporate world, government and other sector for their skill enhancement; and
 - 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	170
P.G. (MBA)	[200+1 (K.M.)+Foreign Students] per year a) MBA General: Intake-60 b) MBA Finance: Intake-30 c) MBA Marketing: Intake-30 d) MBA International Business: Intake-30 e) MBA Business Analytics: Intake-30 f) MBA Healthcare: Intake-20	367
P.G. (M.Com.)	[80+4+1(K.M.) +Foreign Students] per year	121

(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	01	19*	-
Associate Professor	12	03	-	-
Assistant Professor	27	06	-	-

*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	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. Mani Shreshtha	Associate Professor	Ph.D.	Marketing
21.	Dr. Vandana Singh	Associate Professor	Ph.D.	HRM, Organizational Behaviour, General Management
22.	Dr. Nidhi	Associate Professor	Ph.D.	Marketing
23.	Dr. Vanita Ahlawat	Assistant Professor	Ph.D.	HR & Finance
24.	Dr. Sangeeta	Assistant Professor	Ph.D.	Marketing
25.	Dr. Vijender Pal Saini	Assistant Professor	Ph.D.	International Business
26.	Dr. Suresh Kr. Bhaker	Assistant Professor	Ph.D.	HRM
27.	Dr. Monika	Assistant Professor	Ph.D.	Finance
28.	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	-	1
Dy. Supdt.	2	Nil
Technical Asstt. Grade I	1	1
Store Keeper	1	1
Asstt.-Cum-DEO	4	Nil
Steno-Typist	4	1
Clerk.-Cum-JDEO	4	2
Daftri	1	Nil
Lab Attendant	1	3
Peon	3	0
Total	22	10

Details of Full Time Non-Teaching Staff:

Name	Designation
Mr. Sanjay Singh	T & PO (Deputy Director)
Mr. Ramesh Kumar	Superintendent
Mr. Jaiveer	Lab Technician G-I
Mr. Ramphal	Daftri
Mr. Sharwan Kumar	Steno-Typist
Mr. Sundeep Kumar	Clerk.-Cum-JDEO
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	14	156
P. G. (MBA)	[200+1 (K.M.)+Foreign Students] per year	200	167
P.G. (M.Com)	[80+4+1(K.M.) +Foreign Students] per year	53	68

(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
1	Ph.D.	01	Ethiopia
2	MBA	01	Nepal

(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
170	14	23	20

(IX) Sponsored Research/ Consultancy Projects:

Name of Teacher	Title of the Project	Name of the Investigator (s)	Project in process	Awarded during the year	Completed during the current year	Nature: Research /Consultancy
Prof. Rajiv Kumar	Effectiveness and accessibility of public service delivery across information and communication Technologies (ICTs) in rural development of Haryana.	Prof. Rajiv Kumar	Yes	2022-2024	-	ICSSR, New Delhi
Dr. Vanita Ahalawat	A study on usage of solar power in domestic sector of Haryana	Dr Vanita Ahalawat	-	2022	March, 2023	GJUS&T, Hisar

X) Number of Publications of Faculty (in Total)

Name of Teacher	Books and Book Chapters/ Monographs		Research papers			
	International	National	International		National	
			Referred	Non-referred	Referred	Non-referred
Dr. B. K. Punia		1			8	
Dr. N. S. Malik					4	
Dr. Karam Pal Narwal	01	04	06		09	
Dr. M.C. Garg					2	
Dr. V. K. Bishnoi					3	
Dr. Pardeep Gupta		1			1	
Dr. Anil Kumar			1		1	
Dr. Sanjeev Kumar		2			15	
Dr. Tika Ram					4	
Dr. Suresh Mittal					4	
Dr. Khujan Singh		1			3	
Dr. Anju Verma		03	02		03	
Dr. Deepa Mangala		2			5	
Dr. Ubba Savita		3			5	
Dr. Dalbir Singh		1			1	
Dr. Shveta Singh					6	
Dr. Rajiv Kumar					3	
Dr. Himani Sharma		1				
Dr. Mani Shreshtha		1				
Dr. Vandana Singh		1			3	
Dr. Vanita Ahalawat		1			1	
Dr. Sangeeta		2			2	
Dr. Vijender Pal Saini		2			3	
Dr. Suresh Kr. Bhaker		4				

(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. B.K. Punia	G. Bansal & B.K. Punia	Precursors of Workplace Mindfulness: An Exploration & Conceptual Modelling	2023	Florilegium: Management Theory, Research and Practices	New Delhi: Arihant Books	pp. 174-184	
Prof. Karampal Narwal	Karam Pal Narwal Parvesh Pruthi	Association between Volatility Index and Energy Sector: Evidence from India		Florilegium: Management Theory, Research and Practices	New Delhi: Arihant Books	156-165	ISBN: 978-93-5609-225-9
	Karam Pal Narwal and Shweta	Determinants and Measures to Address the NPA Issues of Banking Industry in India: Empirical Evidences and Bankers' Survey		Florilegium: Management Theory, Research and Practices	New Delhi: Arihant Books	53-70	ISBN: 978-93-5609-225-9
Prof. Pardeep Gupta	Mittal, G. and Gupta, P.	A Gender Based Comparative Study of Working Employees Perception on Retirement Planning Efforts	2023	Florilegium: Management Theory, Research and Practices	Arihant Books, New Delhi		ISBN: 978-93-5609-225-9
Prof Sanjeev	Sanjeev, Sukhvinder	Administrative Problem under Social Welfare Schemes: A Cross-Sectional Study of Haryana		Florilegium: Management Theory, Research and Practices	Arihant Books, New Delhi		ISBN: 978-93-5609-225-9
	Nidhi, Sangeeta Mittal, Sanjeev Kumar	Impact of Corporate Governance on the Stability of Indian Banks: Evidence from Public and Private Banks		Florilegium: Management Theory, Research and Practices	Arihant Books, New Delhi		ISBN: 978-93-5609-225-9
Prof. Tika Ram	Kavita and Tika Ram	Corporate Social Responsibility in SMEs: A Systematic Literature Review	2023	Florilegium: Management Theory, Research and Practices	Arihant Books	pp. 329-341	ISBN 978-93-225-9
	Vibhawana Kagra and Tika Ram	A Review Study on the Effectiveness of Surrogate advertising	2023	Florilegium: Management Theory, Research and Practices	Arihant Books	pp. 360-366	ISBN 978-93-225-9
	Pooja and Tika Ram	Effect of Social Media Effectiveness on Behavioural Outcomes	2023	Florilegium: Management Theory, Research and Practices	Arihant Books	pp. 407-417	ISBN 978-93-225-9
	Poonam and Tika Ram	Management of Road Accidents in India: A Systematic Review of Literature	2023	Florilegium: Management Theory, Research and Practices	Arihant Books	pp. 539-547	ISBN 978-93-225-9
Prof. Khujan Singh	Khujan Singh and Sunder	Economic Implication of Businessmen's Perception towards GST Implementation in India	Feb 2023	Florilegium: Management Theory, Research and Practices	Arihant Books	pp. -383-392	ISBN 978-93-5609-225-9

Prof. Anju Verma	Poonam	Researchers' Inclination towards Employee Performance and Turnover Intention: Exploration Through Systematic Literature Review and Meta-Analysis		Florilegium: Management Theory, Research and Practices	New Delhi: Arihant Books		
	Garima & Manpreet Kaur	Effect of Social Media on Self-Esteem: A Systematic Literature Review		Florilegium: Management Theory, Research and Practices	Arihant Books, New Delhi		
	Isha Mittal	Impact of Behavioural Biases on Individual Investors: A Literature Review		Florilegium: Management Theory, Research and Practices	New Delhi: Arihant Books		
Prof. Deepa Mangala	Goyal, P., & Mangala, D.	Impact of Share Buyback Decisions on Share Price Performance: A Literature Review	2023	Florilegium: Management Theory, Research and Practices, Narwal, K.P., Bishnoi, V.K., Bhaker, S.K. & Saini, V.P. pp.71-77.	Arihant Books Publishers, N. Delhi. ISBN: 978-93-5609-225-9		
	Madhuri, & Mangala, D.	Impact of Mergers and Acquisitions on Financial and Stock Performance: A Literature Review, pp.138-148.	2023	Florilegium: Management Theory, Research and Practices (Conference Proceeding)	Arihant Books Publishers, N. Delhi. ISBN: 978-93-5609-225-9		
Prof. Ubba Savita	Prof Ubba Savita, Garima Chandna	Customers' Experience: Antecedents and Outcomes in Omni-Channel Retail: A Systematic Literature Review	2023	Florilegium: Management Theory, Research and Practices (Conference Proceeding)	Arihant Books, New Delhi		
	Prof Ubba Savita, Jyoti	Understanding The Consumer Buying Patterns of Essential and Non-Essential Goods Before and After Lockdown	2023	Florilegium: Management Theory, Research and Practices (Conference Proceeding)	Arihant Books, New Delhi		
	Prof Ubba Savita, Mayank Saini	Factor Motivating Farmers To Participate In Supermarket Supply Chain: A Literature Review	2023	Florilegium: Management Theory, Research and Practices (Conference Proceeding)	Arihant Books, New Delhi		
Prof. Dalbir Singh	Dalbir Singh, Vinod Kumar and Purvashi	Consumers' spending self control: A comparison between rural and urban residents	2023	in a book edited by Karampal Narwal et al. Title- Florilegium- Management Theory, Research and Practices New Delhi	Arihant Books	ISBN: 978-93-5609-225-9	418-421
Prof. Himani Sharma	Ms. Kashish Madaan and Dr. Himani Sharma	Two Decades of Innovative Work Behaviour: A Bibliometric Analysis	2023	Conference Book	Arihant Books, New Delhi		

Dr Mani Shreshtha	Dugar, A. & Shreshtha, M.	Marketing Metrics: Beyond clickbaits	2022		Sage Publications India Pvt Ltd		
	Shreshtha, M.	Over the Top Platforms from Generation Z Perspective	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225	
Dr. Sangeeta Mittal	Dr. Sangeeta Mittal, Monika	Impact of Corporate Governance on the Stability of Indian Banks: Evidence from Public and Private Banks	February, 2023	Florilegium Management Theory, Research and Practices, 9, Edited book	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225-	
		Voluntary Disclosure of Financial and Non-Financial Information: A Literature Review	2023	Florilegium Management Theory, Research and Practices, -9,	-do-	ISBN: 978-93-5609-225	
Dr. Vanita Ahalawat		Socio Economic Analysis of Bee keeping enterprise in Haryana	February, 2023	Florilegium Management Theory, Research and Practices, 9, Edited book	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225-	
Dr. Suresh Kumar Bhaker		Talent Management with Employee Motivation: Indian IT Sector	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225	
		Impact of Employee Participation on Employee Satisfaction	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	-do-	ISBN: 978-93-5609-225	
		Effects of Sustainable HRM on Organizational Performance: A Literature Review	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	-do-	ISBN: 978-93-5609-225	
Dr. Vandana Singh		A Meta-Analytics study of relation between POS/CCA & JP	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225	
Dr. Vijender Pal Saini	Vijender, Poonam, Ravinder	Impact of Industrialization, GDI and FDI on Employment Opportunities, Empirical Evidence from India	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225	
Dr. Vijender Pal Saini	Vijender, Ashok Kumar	The Influence of e-Service Quality, Trust and Satisfaction on Customer Loyalty in the Context of Online Shopping.	2023	Chapter in FLORILEGIUM Management Theory, Research and Practices	Arihant Books New Delhi, Feb 2023	ISBN: 978-93-5609-225	

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	A. Sarkar, N. Garg, D. K. Srivastava and B.K. Punia	2023	Can Gratitude Counter Workplace Toxicity? Exploring the Mediating Role of Psychological Capital (PsyCap), Business Perspective and Research	Sage, SCOPUS, ABDC Category	online ahead of time	pp.1-16		DOI: 10.1177/22785337221148300	
	Suman and B.K. Punia	2023	Towards an Integrated Framework of Antecedents and Outcomes of Organisational Ambidexterity IMIB Journal of Innovation and Management, Accepted	Sage Group Pub	Manuscript			ID 2023-0031	
	Anju and B.K. Punia	2022	Organisational Predictors of Work-Life Conflicts amongst Police Personnel In Indian Stat	Journal of Positive School Psychology	Scopus Indexed		pp. 1979-1998		
	Anju and B.K. Punia	2022	Work-Life Conflicts and Stress Contributants Before COVID-19 and Beyond	A Rhythmic Conceptual Matrix, NeuroQuantology	Scopus Indexed	20(21)	pp. 328-348		
	Amandeep and B.K. Punia	2022	Augmented Gravity Model: An Empirical Investigation into India's Trade Flows during Two EXIM Policy Periods, Journal of New Zealand		Scopus Indexed	pp. 563-581		https://doi.org/10.5281/zenodo.7435247	
	Amandeep and B.K. Punia	2022	Trade Potential of India with its Trading Partners: Evidence from a Panel Gravity Model	Scopus Indexed	Central European Management Journal	30(4) pp. 566-590			
	S. Chahal, V. Punia and B.K. Punia	2022	Workplace Implications of Psychological Empowerment on Emotional Exhaustion	Review and Outlook, Delhi Business Review	Publishing India Group	23(2) pp. 31-40		https://doi.org/10.51768/dbr.v23i2.232202204	
	Garg, S. Kumari and B.K. Punia	2022	Resolving Stress of University Teacher: Exploring Role of Workplace Spirituality and Constructive Workplace Deviance	South Asian Journal of Business Studies	Emerald Group Publishing, Indexed in Emerging Sources Citation Index (ESCI), SCOPUS, ABDC-C Category	11(3) pp. 295-305		https://doi.org/10.1108/S-AJBS-04-2020-0118	
Prof. N.S. Malik	(Co-authored with Rajat Singla & Nidhi).	2023	"RSI backed momentum in stock prices of selected OPEC countries" Finance India, Forthcoming	SJIF Impact Factor 2023 -8.683					
	Co-authored with Abebe Negesse Bantu	2022	"Effect of Socio-economic Factors for loan Repayment performance of Youth Revolving Fund in Oromia Regional state, Ethiopia". Arab Economic and Business Journal		The Journal is Indexed in Elsevier publishing	Vol.4, Issue 2			

	Co-authored with Abebe Negesse Bantu	2022	Role of Small and Micro-Enterprises "Regulatory framework for loan Repayment performance of Youth Revolving Fund in Oromia Regional state, Ethiopia		The Journal is Indexed in Scopus		69		
	Co-authored with Abebe	2022	Effect of Borrower's characteristics on loan Repayment performance and Sustainability of Youth Revolving Fund in Oromia Regional state, Ethiopia		The Journal is Indexed in Scopus		69		
Prof. Karam Pal Narwal	Karam Pal Narwal and Mahak	July-Dec-2022	An Empirical Study on the Role of Recovery Mechanisms in the Indian Banking Sector	International Journal of Business Management and Research'		12(2),	Pp17-22	(ISSN-2241-2143).	
	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar	2023	Implications of Goods and Service Tax on State's Revenue Efficiency: An Empirical Study on Indian States	Review of Finance and Banking		15(1)	pp. 17-28	E-ISSN-22067-3825, Print ISSN-2067-2713	
	Karam Pal Narwal, Sonia Garg and Priyanka Rani		The impact of macroeconomic determinants on gold prices: an empirical study on Indian market using ARDL approach',	Int. J. Indian Culture and Business Management				ISSN online1753-0814	
	Karam Pal Narwal, Shubham Garg, Priyanka and Sanjeev Kumar		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) (2277-2146)	40 of 81		
	Karam Pal Narwal, and Sonu Dalal		Retail Investor's Perception: An Indian Derivatives Market Perspective" Innovations						
	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar		Economic Sustainability of Organic Farming: An Empirical Study on Farmer's Prospective	International Journal of Sustainable Agricultural Management and Informatics				E-ISSN-2054-5827, P-ISSN-20545819	
	Karam Pal Narwal, Shubham Garg and Priyanka, Sanjeev Kumar		Goods and Service Tax and its implications on revenue efficiency of sub-national governments: An empirical analysis	American Journal of Business				E-ISSN-1935-5181	
	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar		GST Reforms and its Economic Impact on Indian Economy: An Empirical Analysis with VAR	Orissa Journal of Commerce'				E-ISSN-0974-8482	
	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar		GST Implementation and Stock Market Index Volatility and Efficiency: Empirical Evidence from Indian Stock Market"	Odisha Economic Journal		44(1)	41 of 81	(ISSN-0976-5409)	
	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar		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	

	Karam Pal Narwal and Priyanka Runach		Determinants of Financing Decisions of Start Up Firms	International Research Journal of Business Studies		XV(3) 269-281			
	Karam Pal Narwal and Priyanka	June 2023	A Review of Financing Structure of Startup Firms” Journal of Management and Entrepreneurship		17(2), 107-128	ISSN-2229-5348			
	Karam Pal Narwal, Shubham Garg and Priyanka	2023	“Impact of Financial Decision on Start-Up Firm’s Financial Performance: Empirical Evidence from India	JIMS 8M- The Journal of Indian Management & Strategy’	28(1), 21- 28			E-ISSN- 0973-9343, Print ISSN- 0973-9335	
	Karam Pal Narwal and Priyanka Rani	Dec-ember 2022	Lead lag relationship between currency futures and spot market in India	Empirical Economic letters’	21(3), 595-609			ISSN-1681-8997	
	Karam Pal Narwal and Priyanka Rani	2022	Impact of Currency Futures Issuance on Foreign Exchange Rate Volatility in India	Orissa Journal of Commerce’	43(3), 68-84			ISSN-0974-8482	
	Karam Pal Narwal and Vikrant Mohan	2022	Capital Budgeting Process: An Empirical Study of Manufacturing Companies in India		Business, Management and Economics Engineering	Vol. 20, Issue 2	pp 486-511	ISSN- 2669-2481	
	Karam Pal Narwal, Shubham Garg and Sanjeev Kumar	2022	Determinants of Compliance Behavior of GST Taxpayers: A Conceptual Model via Review	Journal of Management and Entrepreneurship		Vol. 16, Issue 3	pp. 108-123	ISSN- 2229-5348	
	Karam Pal Narwal and Simran		A Systematic Literature Review on Non-Banking Financial Companies in India	Florilegium Management Theory, Research and Practices		01-12		ISBN: 978-93-5609-225-9	
	Karam Pal Narwal and Sonia	2023	Volatility Spillover in Indian Commodity Market: A Comparative Assessment of Various Commodity Segments”		Indian Journal of Finance’	17(2), 54-67		ISSN-0973-8711	
	Karam Pal Narwal and Sonia	2022	Price Discovery and Volatility Spillover in Indian Commodity Futures Market: An Empirical Analysis of Energy Commodities	‘The Indian Journal of Commerce’, October		75(4), 42-53		EISSN- 3454-6801, Print ISSN- 0019-512X	
Prof. M.C. Garg	Mahesh Chand Garg and Khushboo Tanwar	2023	Board variables reforms in india: success or failure? A comparative analysis between pre and post enactment period of companies act, 2013	Asia-pacific financial markets	Springer	30	531-558	Yes	1.7
	Mahesh Chand Garg and Meent	2023	Working capital management on the firm's profitability of steel sector firms in india	Journal of operations and strategic planning,	Sage	6(1)	76-92	no	
Prof. V.K. Bishnoi	Nisha Bishnoi and V.K. Bishnoi	2022	Maternity Benefit Programs; An Investment in Human Resource		Scopus Indexed	61	58-67		
	Sahil and V.K. Bishnoi	2022	ICT and Agriculture: Evolution, Implementation and Future Scope in India.			26,3		0972-3641	

	Shreya Garg and Vinod Kumar Bishnoi		Factors Affecting Attitude and Purchase Intention of Consumers towards Herbal Cosmetics: A Review of Literature						
Prof. Pardeep Gupta	Mittal, G. and Gupta, P.	2022	Digital Banking and Financial Inclusion: A Bibliometric Analysis	Focus WTO	Indian Institute of Foreign Trade	24,4	3-16		
Prof. Anil Kumar	Anil Kumar	2023	Business Barrier faced by Women in Business	Indian Economic Journal	Indian Economic Association	5,90	/88.94	0019466	
	Anil kumar and Deepika saini	2023	Organisational learning :a study of industrial sector	international journal of services and operations management	Inder science Publication,Scopus index	vol 45 no. 3	pp 355-372	1744-2370	
Prof. Sanjeev Kumar	Shubham Garg, K. P. & Kumar	2022	Determinants of Compliance Behaviour of GST Taxpayers	A Conceptual Model via Review.	Journal of Management and Entrepreneurship	16(3), 108-123.		ISSN-2229-5348	
	Shubham Garg, K. P.	2022	Impact of GST Reforms on Healthcare, Banking, and Pharmaceutical Sectors An Empirical study via VAR Model Perspective		International Journal of Business Management & Research	12 (1), 6-16.		ISSN-2249-2143	
	Shubham Garg, Priyanka, K. P. & Kumar	2024 Under Press	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),		(ISSN-2277-2146)	
	Shubham Garg, K. P. & Kumar	2023 Under Press	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	
	Shubham Garg, Priyanka, K. P. & Kumar	2023 Under Press	Goods and Service Tax and its Implications on Revenue Efficiency of Sub-National Governments: An Empirical Analysis		American Journal of Business		38(4), 193-210	E-ISSN-2067-3825, Print ISSN-2067-2713	
	Shubham Garg, Narwal, K. P. & Kumar, S.	2023 Under Press	GST Reforms and Its Economic Impact on Indian Economy: An Empirical Analysis with VAR Perspective		Orissa Journal of Commerce			ISSN-0974-8482	
	Shubham Garg, K. P. & Kumar	2023	Impact of Goods and Service Tax on state Revenue Efficiency: Empirical Evidence from Indian States, Review of Finance and Banking			15(1), 17-28		(E-ISSN-2067-3825, Print ISSN-2067-2713),	
	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	

	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			
	Shubham Garg, K. P. & Kumar	2022 Under Press	GST Implementation and Stock Market Index Volatility and Efficiency: Empirical Evidence from Indian Stock Market		Odisha Economic Journal (OEJ)	54(2)		ISSN-0976-5409	
	Gajender, & Kumar	2022 Under Press	Perception of smallholders towards milk cooperative societies. Int. J. Indian Culture and Business Management						
	Tesfaye Mekonnen Sifan, & Kuma	2023	Challenges and Constraints of Small Scale Industries in Oromia Regional State of Ethiopia. Empirical Research Papers. 1-26.						
	Sukhvinder Angoori, & Kumar	2023	Perception benefits of modern cooking technologies: a study on beneficiaries of Pradhan Mantri Ujjwala Yojana. Technological Sustainability			2754-1312			
	Ankur Sabharwal, & Kumar	2023	Consumer perception Regarding Healthcare Facilities in Haryana. Empirical Economics Letters			21(3): 405-416			
	Ankur Sabharwal, & K umar	2023	Consumer perception Regarding Healthcare Facilities in Haryana. Empirical Economics Letters			21(3): 405-416			
Prof. Khujan Singh	Pranav Bansal, Usha Arora and Khujan Singh	2022	A Study of Changes in Volatility Structure and Leverage Effect During Post Derivative Period	Seybold report	Vol. 17 (9)	1309-1322	Seybold report	Scopus Indexed, ISSN: 1533-9211.	
	Pranav Bansal, Usha Arora and Khujan Singh	2022	Volatility Clustering Due to Derivatives Trading in Indian Stock Market: An Analysis of Expiration Day Effects.	Journal of Positive School Psychology	Vol. 6(2s,	pp. 610-619		Scopus Indexed, ISSN: 2717-7564	
	Khujan Singh and Sachin	2022	Consumer awareness towards mobile Banking Usage.	Anvesak,	Vol.52 No. 07(IV), July -December 2022	pp. -171-183	Sardar Patel Institute of Economic and Social Research, Ahmedabad 380054, India	ISBN 0378-4568	3.32
Prof. Anju Verma	Anju Verma, Garima	2022	Social Media and Academic Performance: Literature Revisited	HSB Research Review	HSB, GJUS&T	Vol. 17 (2)	50-58	UGC-CARE Listed	--

	Anju Verma, Kirti Aggarwal	2022	Determinants of Human Resource Disclosure Index of Indian Companies	Finance India	Indian Institute of Finance	XXXVI (1)	171-192	(A SCOPUS Listed Journal)	0.21
	Anju Verma, Sonika	2023	A study on impact of sustainable human resource practices on employee retention	Journal of Management and Entrepreneurship	XIME Bangalore	XCIV (03)	10161-10171	UGC-CARE Listed	--
	Anju Verma, Sonika	2022	Impact of Industrial Hazardous Waste on Environment and Sustainable Solution- Reflection from Gurugram (India)	Change Management: An International Journal		Vol. 22, No. 2	37-58	Yes Scopus	3.32
	Anju Verma, Garima	2022	Review of Social Media	NIU International Journal of Human Rights	NIU	Vol. 9	170-178	UGC-CARE Listed	--
Prof. Deepa Mangala	Isha, & Mangala, D.	2023	Influence of Company Characteristics on Earnings Management in Group Affiliated and Standalone Firms: Evidence from India	Business Perspectives and Research	Sage Journals	Online First https://doi.org/10.1177/278533722148543		Yes	0.732
	Mangala, D. and Soni, L.	2023	A systematic literature review on frauds in banking sector	Journal of Financial Crime	Emerald Group Publishing Ltd.	Vol. 30 No. 1, https://doi.org/10.1108/JFC-12-2021-0263	pp. 285-301	Yes	2.5 Cite Score Tracker 2023 (updated monthly)
	Mangala, D., & Singla, N.	2023	Do corporate governance practices restrain earnings management in banking industry? Lessons from India.	Journal of Financial Reporting and Accounting	Emerald Group Publishing Ltd.	Vol. 21 No. 3, https://doi.org/10.1108/JFRA-02-2021-0060	pp. 526-552	Yes	2.5
	Khatri, M. and Mangala, D.	July-Dec. 2022	A Study on Mergergraphics of Indian Corporate Sector: Journey of Past one Decade	HSB Research Review	HSB, GJUS&T, Hisar	Vol. 17, No. 2	pp.27-35	NO, Indexed in UGC-CARE List, ISSN: 0976-1179	
	Mangala, D. and Dhanda, M	2023	Earnings management and issue characteristics: an empirical analysis of IPOs in India	Journal of Financial Reporting and Accounting	Emerald Group Publishing Ltd.	Vol. 21 No. 3, https://doi.org/10.1108/JFRA-01-2021-0006	pp. 553-574	Yes	2.5

Prof. Ubba Savita	Ubba Savita, Ashwerya Gupta and Shruti Mehta	2023	Do Trust and Brand Image Matter? Exploring the Effects of eWOM on Purchase Intention	HSB Research Review	HSB, GJUS&T, Hisar	18(1)	53-65	UGC-Care Listed	
	Ubba Savita and Madhuri Gandhi	2023	Role of In-Store Cues in Forming Purchase Intentions Towards Private Labels	Gateway International Journal of Innovative Research	Gateway Institute of Engineering and Technology, Sonapat	2(1)	1-13	No	
	Ubba Savita, Garima Chandna and Mayank Saini	2023	Influence of Select Antecedents on Customers' Experience in Omni-Channel Retail: A Meta-Analysis	Bimaquest: A Journal of Insurance, Pension and Management	National Insurance Academy, Pune	23(2)	53-72	UGC-Care Listed	
	Ubba Savita, Mayank Saini, Garima Chandana	2022	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	DOI 10.1108/JA-DEE-06-2022-0128	1-15	Yes	3.5
	Ubba Savita, Pinki Rani and Pratibha Bhardwaj	2022	Analysis of the antecedents of customer engagement for Asian and American mobile phone brands in India	Manager- The British Journal of Administrative Management	Industry Qualifications, The Institute of Administrative Management, UK	58(156)	274-294	NO	
Prof. Dalbir Singh	Vinod Kumar and Dalbir Singh	2023	Lessons from the Bhagavad Gita are all around us: Evidence from India's Largest Farmers' Protest.	Journal of Economics, Finance and Management Studies		Vol. - 06 Issue - 08	pp 4043-4047	ISSN: 2644-0490	
Prof. Shveta Singh	Shveta Singh and Vandana	2022	Dynamics of relationship between stock markets of SAARC countries during COVID-19 pandemic	Journal of Economic and Administrative Sciences	https://doi.org/10.1108/JEAS-10-2021-0213		Emerald Publishing Limited	1026-4116	
	Shveta Singh and Dipika	2022	Are broker-sold funds flows sensitive to fund performance or not? Evidence from open-ended equity and balanced fund category in the Indian Mutual Funds Market	Global Business and Economic Review	DOI: 10.1504/GBER.2023.10048353		Inderscience Publishers	1745-1329	
	Shveta Singh and Vandana	2022	Improved Friendly Relations, Bilateral Trade and Stock Markets: A Causal Relationship Study of India and Israel	International journal of Indian Culture and Business Management	DOI: 10.1504/IICBM.2022.10049305		Inderscience Publishers	1753-0814	
	Shveta Singh and Sunaina	2023	Earnings performance of financial and non-financial IPOs in India: an empirical analysis based on market timing	Journal of Financial Reporting and Accounting	https://doi.org/10.1108/JFRA-05-2022-0176		Emerald Publishing Limited	1985-2517	
	Shveta Singh, Vandana Miklesh Prasad Yadav; Gabriel J. Power	2023	Does Financial Development Asymmetrically Affect Economic Growth? An Empirical Study on India	Global Finance Journal	Volume 56 April (2023) https://doi.org/10.1016/j.gfj.2023.100831		Elsevier	1044-0283	
	Shveta Singh and Dipika	2023	Empirical Analysis of Broker Sold Fund Flow- Performance Relationship of Indian mutual funds	HSB Research review	Volume 18 No. 1	88-100	HSB, GJUS&T, Hisar	0976-1179	
Prof. Rajiv Kumar	Swati Saini & Rajiv Kumar	2023	"Effect of religiosity on consumer decision-making: a serial mediation model"	FIIB Business Review	Sage	Accepted for publication		Yes	

						https://doi.org/10.1177/23197145231188624			
	Swati Saini & Rajiv Kumar	2023	Impact of religious commitment on consumer's decision making styles	Int. J. of Business and Emerging Markets	Inderscience	Accepted for publication		Yes	
	Swati Saini & Rajiv Kumar	2023	Mind Mapping of Consumers: A Study to Explore the Role of Religion	Indian Journal of Marketing	IJM	53(4)	30-46	yes	
Prof. Himani Sharma	Ms. Richa Goyal and Dr. Himani Sharma	2022	Organizational virtuousness as a predictor of organizational identification: Can positive affect be a potential mediator?	HSB Research Review	Haryana School of Business	Vol. 16, No.2 and Vol. 17, No.1	22-31	No	NA
	Ms. Neha Sheoran, Ms. Richa Goyal and Dr. Himani Sharma	2022	Do Job Autonomy Influence Employee Engagement? Examining the Mediating Role of Employee Voice in the Indian Service Sector	Metamorphosis: A Journal of Management Research	Sage, IIM Lucknow	Vol. 21, No. 2	86-97	No	NA
	Ms. Neha Sheoran, Ms. Richa Goyal and Dr. Himani Sharma	2023	Proactive Personality and Employee Engagement: The Mediating Role of Employee Voice.	FIIB Business Review	Sage, Fortune Institute of International Business			Scopus	2.6
	Ms. Richa Goyal and Dr. Himani Sharma	2023	Does Well-being Mediate Between Mindfulness and Knowledge Workers' Work Engagement Relationship?	Journal of the Knowledge Economy	Springer	-	-	Scopus	3.3
	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, KJ Somaiya Institute of Management, Mumbai	-	-	Scopus	-
Dr. Vandana Singh	Vandana Singh & Sheetal Sharma	July-September 2022	Development and Validation of Client-Based Communication Scale- A Formative Measurement Model	SCMS Journal of Management, ISSN 0973 – 3167		Volume XIX (3)		Scopus	
	Vandana Singh & Pooja Aggarwal	July-September 2022	Development and Validation of Interpersonal Relationship Measurement Scale at Workplace	NMIMS Management Review, ISSN: 0971-1023 (http://doi.org/10.53908/NMMR.300401)		Volume XXX, Issue 4		WOS	
	Vandana Singh, Deepika Ahuja,		Job Related Stress and Organizational Commitment among Bank Employees in India: An Empirical Analysis	International Journal of Scientific and Research Publications,	ISSN 2250-3153	Volume 12, Issue 7			

				http://dx.doi.org/10.29322/IJSRP.12.07.2022.p12727					
Dr. Vanita Ahlawat	Dr. Vanita Ahlawat and Neeraj	2022	Improving Flow of Agricultural Credit: Technical Outlook of Indian Banks	Neuroquantology		Vol. 20 Issue 5	5585-5596	0.453	
Dr. Sangeeta Mittal	Dr. Sangeeta Mittal, Monika		Accounts Receivable and Payable Interrelationships: Evidence from Indian Small Cap Companies	Ramanujan International Journal for Business and Research	vol-7, Issue-01	21-30.		2455-5959	
	Dr. Sangeeta Mittal, Sonali		Working Capital Management and Shareholder's Value Creation in the Emerging Asian Market: the evidence from Indian manufacturing sector	International Journal for Economics and Accounting	Vol-11, Issue-02	115-134		2041-868X	
Dr. Vijender Pal Saini		Sep. 2022	Lead-lag association between foreign flows and economic growth in selected emerging economies.	International Journal of Indian Culture and Business Management, Switzerland, 12 issues per year	Vol-27, No.1, pp 125-138	UGC CARE Listed (Yes)			
		Sept. 2022	Trade Flow among Association of South-East Asian Nations (ASEAN) Countries: A Trade Intensity Approach	SDMIMD Journal of Management, India, 2 issues per year	Vol. 13, No. 2, pp 51-62 https://doi.org/10.18311/sdmimd/2022/30720	UGC CARE Listed (Yes)			
		Dec. 2022	Relationship between Outward FDI and Home Country Exports: An Empirical Study of Bangladesh.	JDE (Journal of Developing Economies), Indonesia, 2 issues per year	Vol. 07, No. 2, pp 280-293 https://doi.org/10.20473/jde.v7i2.38898	Peer Reviewed Journal			
		09 May 2023	Macroeconomic Determinants Hindering Economic Growth: A Study of Bangladesh.	International Journal of Indian Culture and Business Management, Switzerland, 12 issues per year	Vol. XXXX, No. XX,	UGC CARE Listed (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
Dr. Karam Pal Narwal	02	04	06	02	04	06

Dr. M.C. Garg		1	1			
Dr. Tika Ram		01			04	04
Dr. Khujan Singh		01			04	04
Dr. Anju Verma		01		03		
Dr. Deepa Manala		01			01	
Dr. Ubba Savita		01		03		
Dr Dalbir Singh		02	02		02	02
Dr Shveta Singh		02	02		02	02
Dr. Rajiv Kumar					03	
Dr. Mani Shreshtha		01	01		01	01
Dr. Vanita Ahlawat					05	05
Dr Vandana Singh					01	01
Dr. Vijender Pal Saini		01	01		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.
Prof. Karam Pal Narwal	Performance of Recovery Channels of Non-Performing Assets in Indian Banks: An Empirical Analysis	International conference on contemporary issues in Emerging Markets	India in collaboration of Waikato Management School, the of University of Waikato, New Zealand	Waikato, New Zealand	October 28-29, 2022	
	An Empirical Study on Determinants of Financing Decisions of Startup-Firms in India	International Conference on Contemporary Issues in Emerging Markets	India in collaboration of Waikato Management School, the of University of Waikato, New Zealand	Waikato, New Zealand	October 28-29, 2022	
	Goods and Service Tax and its Revenue Implications: Empirical Evidence from	International Conference on Sustainable Goals (ICSG) "Managing Economic	IIM Bodh Gaya (in Collaboration with University of Cambridge),	Bodh Gaya, Bihar	September, 16th -17th 2022	

	Indian States	Development and Financial Stability: In the era of SDGs and ESGs	held on IIM Bodh Gaya, Bihar			
	A Study on Impact of FII Activities on Stock Market return and Volatility	21st Global Conference on Flexible Systems Management: Flexibility, Resilience and Sustainability	Indian Institute of Management, Shillong, India.	Shillong, India	April 21-23, 2022	
	GST Reforms and its Economic impact on Selected Sectors of Indian Economy“: An Empirical study via VAR Model Perspective	presented in the “Contemporary Issues in Emerging Markets” Conference (CIEME) 2022	IIM Bodh Gaya (in Collaboration with The University of Waikato, Hamilton, New Zealand), held on IIM Bodh Gaya	Bodh Gaya, Bihar	October, 28-29th 2022	
	Inspecting the mediating role of COVID 19 awareness in studying intention-behaviour gap of Online Food Ordering Application	Presented Paper in entitled “” at International conference on business innovation, transformation and sustainability: Changing Global Pradigm, 2023	Management and Commerce, Manav Rachna University, Faridabad	Faridabad	May-2023	
Dr. Sangeeta Mittal	Determinants of Capital Adequacy Ratio: A Systematic Review	Business Innovation & Sustainability: A Roadmap for Business Excellence	KLS, IMER, Belagavi	Belagavi	March 17-18, 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. B.K. Punia	Delivered Valedictory Address in “ICSSR Sponsored 2 days National Seminar” on “Azadi Ka Amrit Mahotsav: Sustainable and Inclusive Growth for India 2047		Department of Post-Graduate Management Studies, Manav Rachna International Institute of Research and Studies,	Faridabad	May 24-25, 2023	
	Components and Correlates of Technostress: A Conceptual Analysis	HSB 15th Annual National Conference on Business and Management’	Haryana School of Business, GJUST, Hisar		February 9-10, 2023	

Prof. Pardeep Gupta	Determinants and Consequences of Corporate Risks Disclosures: A Literature Review	Business and Management	Haryana School of Business	Hisar	February 9-10, 2023.	University
Prof. Tika Ram	Management of road accidents in India: A systematic review of literature	15th HSB Annual National conference in Haryana School of Business	GJUS&T, Hisar	Hisar	February 09-10, 2023	
	E-waste management – Issues and Concerns	-do-	GJUS&T, Hisar	Hisar	-do-	
	Investors' perception of financial planning for financial well being	-do-	GJUS&T, Hisar	Hisar	-do-	
	Corporate social responsibility in SMEs : A systematic review of literature	-do-	GJUS&T, Hisar	Hisar	-do-	
Prof. Suresh K Mittal	Financial Literacy among Salaried Individuals in India: A Literature Review presented in HSB 15th Annual National Conference on Business and Management,	15th HSB Annual National conference in Haryana School of Business	GJUS&T, Hisar	Hisar	February 09-10, 2023	
	Comparative Study of Private and Public Region Mutual Fund Schemes in India presented	-do-	GJUS&T, Hisar	Hisar	February 09-10, 2023	
	Attended HSB 15th Annual National Conference on Business and Management	-do-	GJUS&T, Hisar	Hisar	February 09-10, 2023	
Prof. Deepa Mangala	Impact of Mergers and Acquisitions on Financial and Stock Performance: A Literature Review	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 9-10, 2023	GJUS&T, Hisar
	Impact of Share Buyback Decisions on Share Price Performance: A Literature Review	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 9-10, 2023	GJUS&T, Hisar
	A review paper on Fraud prevention and Detection techniques in Banking Sector	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 9-10, 2023	GJUS&T, Hisar
	Review paper on Behavioural Finance	Business and Management	HSB, GJUS&T, Hisar	Hisar	Feb 9-10, 2023	GJUS&T, Hisar

Prof. Ubba Savita	Determinant of Showrooming Behavior : A Literature Review	Florilegium-Management Theory, Research and Practices	HSB, GJUS&T	Hisar	Feb. 09-10, 2023	University
	The Role Of Private Label Familiarity Towards The Consumer Purchase Intention: A Case Of Apparels	Florilegium-Management Theory, Research and Practices	HSB, GJUS&T	Hisar	Feb. 09-10, 2023 Two Day	University
	Drivers Of Customer Satisfaction In Select Hypermarkets: Evidence From Multidimensional Service Quality Construct	Florilegium-Management Theory, Research and Practices	HSB, GJUS&T	Hisar	Feb. 09-10, 2023 Two Day	University
Prof. Dalbir Singh	Presented the research paper titled An Empirical Study on General Well-being of Individuals	HSB 15TH Annual National Conference on Business and Management	Haryana School of Business, GJUS&T, Hisar	Hisar	09-10, 02-2023	
	Presented the research paper titled Self Help Groups and Economic Development	-do-	Haryana School of Business, GJUS&T, Hisar	Hisar	09-10, 02-2023	
	The Impact of Corporate Governance Fundamentals on CSRD in Indian Public Sector Banks	-do-	H.S.B., G.J.U.S. & T., Hisar	Hisar	09-10, 02-2023	
	Review of Literature on Working Capital Management	-do-	H.S.B., G.J.U.S. & T., Hisar	Hisar	09-10, 02-2023	
Prof. Shveta Singh	The impact of corporate Governance Fundamentals on CSRD in Indian PS Banks	HSB XVth Annual National Conference on Business and Management	H.S.B., G.J.U.S. & T., Hisar	Hisar	09-10, 02-2023	
	Review of literature on working capital management	-do-	H.S.B., G.J.U.S. & T., Hisar	Hisar	09-10, 02-2023	
Prof. Rajiv Kumar	Confused Consumer: Understanding the Religious Orientation	HSB XVth Annual National Conference on Business and Management	H.S.B., G.J.U.S. & T., Hisar	Hisar	09-10, 02-2023	
	Demystifying Industry 5.0	-do-	H.S.B., G.J.U.S. & T., Hisar	Hisar	09-10, 02-2023	
Prof. Himani Sharma	Drivers of Customer Satisfaction in Select Hypermarkets: Evidence from Multidimensional Service Quality Construct	15th Annual National Conference on Business and Management	HSB	Hisar	09-10, 02-2023	University

	Impact of Human Resource Management on Digital Transformation: A Literature Review and Future Research Direction	-do-	HSB	Hisar	09-10, 02-2023	University
	Two Decades of Innovative Work Behaviour: A Bibliometric Analysis	-do-	HSB	Hisar	09-10, 02-2023	University
Dr. Vandana Singh	Effect of occupational health and safety on job outcomes: A literature review	HSB 15th Annual National Conference on Business and management	HSB, GJUS&T	Hisar	9-10 February 2023	University
Dr. Vanita Ahlawat	Problems confronted by migrant labour in construction sector: A case study of Hisar	HSB 15th Annual National Conference on Business and management	GJUS&T, Hisar	Hisar	Feb.9-10, 2023	
	Factors influencing satisfaction level of Health Insurance Policyholders: A case study of Hisar	-do-	GJUS&T, Hisar	Hisar	Feb.9-10, 2023	
	Factors affecting adoption of solar power in Agriculture: A literature review	-do-	GJUS&T, Hisar	Hisar	Feb.9-10, 2023	
	Socio-Economic analysis of Beekeeping enterprises in Haryana	-do-	GJUS&T, Hisar	Hisar	Feb.9-10, 2023	
	A comparative analysis of bank performance in agricultural lending in Haryana	-do-	GJUS&T, Hisar	Hisar	Feb.9-10, 2023	
Dr. Sangeeta Mittal	Corporate Governance and Bank Performance: Sample of Indian Public and Private Bank	“Changing Global Business Landscape: Challenges, Strategies and Business Resilience”	Gateway Institute of Engineering and Technology	Sonepat	February 24-25, 2023	
	“Derivative Markets: A Literature Review.	Business and Management	HSB, GJUS&T	Hisar	February 9-10, 2023	

(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. Vandana Singh	Adopting Indian Management System for future business model	UGC-HRDC, BPSMV, Khanpur Kalan (Sonipat)	UGC-HRDC, BPSMV, Khanpur Kalan (Sonipat)	Sonipat	18-31.01. 2023
Dr. Suresh Kumar Bhaker	Short Term Programme on "Leadership Development"	UGC HRDC, GJUS&T, Hisar	HRDC	Hisar	19-24.12 2022

(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

Name of Teacher/Faculty	Refresher Courses	Oriented Courses	Webinars	Total
Dr. Mani Shreshtha	1	-	-	1

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

Name of Teacher	Membership of Professional Bodies Member of Academic Bodies of other institutions
Prof. N.S. Malik	Nominated as Evaluation Commission Member – IAO (International Accreditation Organization), USA
Prof. Pardeep Gupta	Member Board of under graduate studies, CDLU, Sirsa
Prof. Anju Verma	Outside Expert, UG and PGBOS under SDMS (SFMSR) at Shri Vishwakarma Skill University, Gurugram
	Outside Expert, UGBOS for Deptt. of Commerce at BPSMV, Khanpurkalan, Sonapat
Prof. Deepa Mangala	Member Board of Undergraduate Studies, Department of Management, CRSU, Jind.
Prof. Dalbir Singh	Outside Expert, Member PGBOS, Department of Management, CDLU, SIRSA Outside Expert, Member UGBOS, Department of Management, CSRU, Jind
Dr. Vandana Singh	Lifetime member of ISTE (The Indian Society for Technical Education) IIT, Delhi

(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. Tika Ram	Resource person	Delivered invited Lectures (02) in the One Week Research Workshop on Research Methodology (March 20-24, 2023)	MD University, Rohtak	21.03.2023
Prof. Suresh K Mittal	Keynote speaker	One Day National Interdisciplinary Seminar on Role of Innovation,	December 09,2022	

		Entrepreneurship and Technology as Panacea to Economic Development sponsored by Department of Higher Education, Haryana organized by Department of Commerce and Department of Computer Science of G.C.W, Hisar		
Prof. Anju Verma		Measurement and Scaling Techniques in One Week Workshop on Research Methodology	MD University Rohtak	March 24, 2023
Prof. Ubba Savita	Research Methodology	Center for Professional Development in Higher Education UGC-HRDC University of Delhi	15-6-2022	
Prof. Dalbir Singh		Promote Yourself and Your Institute via Social Media on 03-02- 2023 in UGC sponsored Two-Weeks Online Subject Refresher Course on “Business Studies (Commerce, Economics, Management & Tourism)”	UGC-HRDC, Kurukshetra University, Kurukshetra	30-01-2023 to 12-02-2023
Prof. Rajiv Kumar		Delivered lecture on Content Marketing Placement Office CSUS&T, SRM University, Sonipat		

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1	Prof. Karam Pal Narwal	Dean- HSB, Director- CIIP	
2	Prof. Vinod Kumar Bishnoi	Dean- Religious Studies, Director-HSB, Chairman- Dept. of Geography	
3	Prof. Pardeep Gupta	Chaired a technical session in HSB 15 th National Conference on Business and Management organized by HSB GUST, Hisar	
4	Prof. Anil Kumar	Chaired technical session in HSB 15 th National Conference on Business and Management organized by HSB GUST, Hisar	
5	Prof. Suresh K Mittal	Keynote speaker in One Day National Interdisciplinary Seminar on Role of Innovation, Entrepreneurship and Technology as Panacea to Economic Development sponsored by Department of Higher Education, Haryana organized by Department of Commerce and Department of Computer Science of G.C.W, Hisar	December 09, 2022
		Chaired two Technical Sessions in HSB 15 th Annual National Conference on Business and Management organized by Haryana School of Business, GJUS&T, Hisar	February 09-10, 2023
6	Prof. Khujan Singh	Member, DRC, HSB, GJUS&T, Hisar	
		Chaired a Technical Session in HSB 15th Annual National Conference on Business and Management on February 9-10, 2023.	
		Coordinator, MBA –Business Analytics	
7	Dr Anju Verma	Editor, HSB Research Review, A UGC-Listed Bi-Annual Refereed Journal published by HSB	Oct. 3, 2019 till date
8	Dr. Deepa Mangala	Dean Students Welfare	Feb 2021 to Jan 2023
		Chairperson, Women Cell	29-5-2023 to till date
		Chairperson, Mountaineering and Adventure Club, GJUS&T, Hisar	Feb 2021 to Jan 2023

9	Dr. Ubba Savita	Editor, HSB Research Review, A UGC-Listed Bi-Annual Refereed Journal published by HSB	Oct. 3, 2019 till date
10	Dr Dalbir Singh	Dean, Alumni Relations Director, Public Outreach Member, Cultural Committee	2021-2022 From August 2019 till date From August 2019 till date
11	Dr Shveta Singh	In-charge of MBA Finance Programme	From August 2021 till date
12	Prof. Rajiv Kumar	NCC coordinator Coordinator Activity Coordinator SBSB President MAC SBSB coordinator	2018 to till date 2018 to till date
13	Dr. Himani Sharma	Programme Coordinator of MBA General, HSB Member, HSB Anti-Ragging Monitoring Committee Centre Superintendent, MBA and M.Com M.Com. Admissions Member, Women Cell, GJUS&T, Hisar Chaired the Technical Session XVIII” organized by Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar in 15th Annual National Conference on Business and Management.	1st August, 2022 to till date 1st August, 2022 to till date May, 2023 19th August, 2020 to 28th May, 2023 09-10 Feb. 2023
14	Dr. Mani Shreshtha	Chaired the Technical Session organized by Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar in 15th Annual National Conference on Business and Management.	09-10 Feb. 2023
15	Dr. Vandana Singh	Dy. Supdt. For Entrance test Examination held on 16.8.22 in HSB Member, Document Verification Committee for Admission in MBA/M.com. Program for Session 2022-2023 Member, Display Committee for NAAC visit on 10-12 October 2022 in the University Member, Expert Panel for Group Discussion for Entrance examination held on 19-22 August 2022 in HSB	
16	Dr. Sangeeta Mittal	Member, committee constituted for selection of UTD for Quiz to be held in 10th Youth Festival organized from 29 November to 2nd December 2022 Member, Registration and Reporting Committee For 10th Youth Festival organized from 29 November to 2nd December 2022	
17	Dr. Vijender Pal Saini	Organized HSB 15th Annual National Conference on Business and Management as Conference Convener	Feb 9-10, 2023

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

Activity	No. of Students	No. of Companies *
Training	120	72
Placement	126	79

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 the Event	National/ International	Number of participants	Dates/ Duration
HSB 15 th Annual National Conference on Business and Management	National	120	Feb 09-10, 2023

ii. Extension lecture:

Prof. Deepa Mangala	Extension lectures	Role of Students in Nation Building	NSS Camp, GJUS&T, Hisar	Feb. 2, 2023
Dr. Mani Shreshtha	Extension lectures	Delivered one FDP session under UCOPE	CDL University, Sirsa	13.09.2022
		Conducted two sessions as Resource Person on Advertising in Higher Education at UGC sponsored Two Week Online Refresher Course in Business Studies	HRDC, BMSMV, Khanpur Kalan, Sonipat	
		Conducted one session as Resource Person at UGC sponsored Two Week Subject Refresher Course on 'Commerce, Economics & Management'	HRDC, GJUS&T, Hisar	November 21, 2022

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: Nil

Summary of Research Publications:

Total Books Published (Chapter)	Books published with International publisher (Chapter)	Books published with National publisher (Chapter)	--
Books-2 (Chapters-29)	Book-1	Book-1 (Chapters-29)	--
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
22	10	14	--
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	--
38	-	38	--
Total number of funded research projects	Completed	Ongoing	--
02	1	1	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	--
14	23	20	--

DEPARTMENT OF HINDI

(I) **Name** : Hindi

(II) **Year of Establishment** : 2019

(III) **(a) Vision of the Department :**

गुरु जंभेश्वर विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, 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 उतरोत्तर विस्तार करते हुए वर्ष 2021 में पीएच.डी.स्थापित कर अपने लक्ष्य को प्राप्त किया। प्रत्येक वर्ष विभाग में स्नातकोत्तर की 40+5 सीटें सुनिश्चित की गई हैं। साथ ही विश्वविद्यालय में हिंदी से इतर स्नातक स्तर के अन्य विषयों 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 विश्वविद्यालय अनुदान आयोग के नियमों के अनुसार निर्धारित किया गया है। यहां विश्वविद्यालयी 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 अधिगम को प्रभावशाली बनाने के उद्देश्य से किया जाता है। ज्ञान-विज्ञान की शाखाओं के साथ भाषा का ज्ञान विद्यार्थियों को संवेदनात्मक, रचनात्मक, आलोचनात्मक और विवेकशील बना सके, इसी के दृष्टिगत यह विभाग हिंदी भाषा की प्रगति की ओर निरंतर अग्रसर है।

(b) Mission of the Department :-

- हिंदी के अध्ययन-अध्यापन द्वारा नैतिक मूल्यों की शिक्षा देना।
- हिंदी विषय के प्रतिछात्र-छात्राओं में रुचि उत्पन्न करना।
- छात्र-छात्राओं में होने वाली कार्यशाला प्रतिभा को पहचान कर उनके गुणों को बढ़ावा देना।
- स्नातकोत्तर के पश्चात् उन्हें आगे की शिक्षा प्राप्त करने के लिए प्रेरित करना।

(c) Objective(s) of the Department:-

- छात्र-छात्राओं को पूरे पाठ्यक्रम के संदर्भ में उचित और नियमित मार्गदर्शन करना।
- हिंदी विषयक कार्यशाला और संगोष्ठियों का आयोजन।
- विषय-विशेषज्ञों के व्याख्यानों का आयोजन करना।
- छात्र-छात्राओं को पाठ्यक्रम की पुस्तकें 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	4
P.G	90	75
U.G	--	--

(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	Nil		
Associate Professor	02	Nil		
Assistant Professor	04	03		Guest Faculty 01

Post	Name	Qualifications	Teaching Experiences
Assistant Professor	Dr. Geetu	Ph.D	11 Years
Assistant Professor	Dr. Sharmila	NET JRF, Ph.D	5 Years
Assistant Professor	Mrs.Kalpana	NET, MPhil	6 Years
Assistant Professor (Guest Faculty)	Ms. Anita Rani	NET, MPhil	6 Years

(VI) Office/Tech. staff detail:

Title of Position	Sanctioned strength	In position strength
Clerk	01	Contract Basis
Technical Assistant	01	Nil
Peon	01	Nil

(VII) a) Students detail in respect of M.Sc., M. Tech., M. Pharm., Master of 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: 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
1	2021	Pursuing	
3	2022	Pursuing	

Sr.No.	Name	Roll no.
1.	Sourabh	210210090101
2.	Sachin	220210090101
3.	Reena Rani	220210090102
4.	Navita	220210090103

(IX) Sponsored Research/ Consultancy Project: Nil

(X) Number of Publications of Faculty (in Total): 03

Books	Research papers		Research papers		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
		02	01		

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

a) Books/ Book Chapters/ Monograph etc.

b) Research Papers/ Articles in Journals : 03

Authors	Year	Title of paper	Name of journal	Publisher	Vol .& No.	Pages	SCI/Sco pus(Yes /No)	Impact Factor
डॉ० शर्मीला	जुलाई- अगस्त 2022	संत परम्परा में कबीर का विद्रोही स्वर	वैचारिकी	भारतीय विद्या मंदिर कोलकाता	भाग-38 अंक 4	74-77		UGC Care Approved

डॉ० शर्मिला	सितंबर - नवंबर 2022	भक्ति आन्दोलन में गुरु जम्भेश्वर का योगदान	मीरायन	मीरा स्मृति संस्थान, चितौड़गढ़	वर्ष-16 अंक 03	27-32		UGC Care Approved
श्रीमती कल्पना	जुलाई & सितंबर 2022	महिला लेखिका की आत्मकथाओं में चित्रित राजनीतिक समस्याएं	दीपक: अंतरराष्ट्रीय शोध पत्रिका	प्रकाशन स्थल : रोहतक, हरियाणा	भाग-8 अंक 3			3.426

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

(a) Total Number of Seminars/ Conferences/ Workshop attended by faculty and papers presented: 05

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

(b) International Conferences /Seminars/ Workshops: Nil

(c) National Conferences/Seminars/ Workshops: Nil

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

(e) Refresher Courses/ Orientation Courses: 02

Name of Faculty	Title of Refresher Course	Host organization/ University	Dept./ HRDC	Place	Dates/Duration
Dr. Sharmila	Faculty Induction Programme (FIP)	Organized by HRDC Kumaun University, Nainital, Uttarakhand, India.	UGC-HRDC	Nainital, Uttarakhand, India Online mode	30.11.2022 to 29.12.2022
Dr. Geetu	Refresher course Hindi (Bhasa Evam Bharat ka Uadya)	organized by BPS University Khanpur Kalan, Sonipat, Haryana	UGC-HRDC	Khanpur Kalan, Sonipat, Haryana	02.02.2023 to 15.02.2023

(f) National / International Webinar Attended: Nil

(g) Total number of Refresher/ Orientation CoursesWebinar attended:

- | | | |
|------|---------------------|------|
| i. | Refresher Courses | : 01 |
| ii. | Orientation Courses | : 01 |
| iii. | Webinars | : -- |
| iv. | Total | : 05 |

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

i) Membership of Professional Bodies:

Dr. Sharmila

- 1) “UGC Quality Mandate (QM) : Suggestive Academic Activities
- 2) NAAC coordinator
- 3) Alumni coordinator.

Dr. Geetu

- 1) Paramarsh Scheme for Mentoring NAAC Accreditation Aspirant
- 2) Coordinator of RTI Department of Hindi (09-05-2023)

Ms. Kalpana

- 1) “UGC Quality Mandate (QM) : Suggestive Academic Activities.”
- 2) Coordinator of Placement cell.

ii) Member of Expert Committees :

Dr. Geetu : Ph.D Admission committee 2021-2022

- 1) Diwali mela Pooja committee (14-10-2022)
- 2) Silver jubilee DDE (17-05-2022)
- 3) Youth festival stage committee (05-06-2023)
- 4) Member of seat allotment committee (11-06-2022 to 11-06-2023) (05-06-2023)
- 5) Prepare the annual activity calendar committee (05-06-2023) for GH-3
- 6) Member of faculty of humanities and S.S (29-08-2022)
- 7) Member of PGBORS (2022-23)
- 8) Worked as an expert in UMC cases
- 9) (17-11-2022) (10-03-2022) (31-08-2022)

Dr. Sharmila

- 1) Member of PG Hindi Admission committee 2021-to 2023
- 2) Member of Ph.D Admission committee 2022-2023
- 3) Member of time table committee in Department.

iii) Member of Academic Bodies of other institutions:

- 1) Appointed as an observer in IGNOU examination (15-10-2022)
- 2) Appointed as an observer in GCW Hisar (16-09-2022)

iv) Member of inspection committee :

Dr. Geetu

- 1) Govt. College Hisar (06-01-2023)
- 2) F.C college hisar (20-01-2023)
- 3) F.G.M college Aadampur (08-09-2022)
- 4) Agroha college Agroha (14-07-2022)

Dr. Sharmila

- 1) Govt. College, VPO. Balsamand, Dist. Hisar. 17.01.2023
- 2) Govt. College Barwala, Hisar 21.02.2023

Ms. Kalpana

- 1) Govt college of Narnaund 9 September 2022
- 2) Govt college of women, Hisar 14 February 2022

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

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

Type	Topic/ Subject	Institution	Dates
Invited talk	--	MMCE fatehabad and Bhartiya Bhasha Samiti Government of India.	19-01-2023

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

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Dr. Geetu	Coordinator Girls Hostel-3	11-06-2021 to 13.06.2023
2.	Dr. Geetu	Coordinator Hindi Distance Education	August, 2021
3.	Dr. Sharmila	IQAC coordinator	March 2021 to onward
4.	Dr. Sharmila	Alumni coordinator	Sept. 2022 to onward
5.	Mrs. Kalpana	Hostel Coordinator GH-3	From 13.06.2023 to till now
6.	Mrs. Kalpana	Program officer in NSS	From 07.06.2023
7.	Mrs. Kalpana	Training and placement cell coordinator	from August 2022 to till now

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

- i) **Seminar/Conference/Refreshers course/Workshop/Training Programme: Nil**
- ii) **Extension lecture:-**

Topic	Resource Person	Number of Participants	Dates
Organised Extension lecture on Tulsi Jayanti	Prof. Manoj Dayal CMT Department GJUS&T, Hisar.	50	04-08-2022
Organised Extension lecture on Hindi diwas	Ex. Prof. Krishan kumar kaushik (Jamia Milia Islamia university, delhi)	31	14.09.2022
Organised Anuvad Diwas	Dr. Geetu Dhawan Asst. Professor & Incharge of Hindi Department GJUS&T, Hisar	45	01.10.2023
Organised काव्य गोष्ठी on vishav kavita diwas	<ul style="list-style-type: none">• कवि कमलेश भारतीय• कवयित्री अनिता जैन• कवि नीरज मनचंदा• कवयित्री पूनम मनचंदा	55	21.03.2023

- iii) **Students tour : Nil**
- iv) **Industry interaction programmes : Nil**

(XIX) Awards/ Honors received by Faculty:

Name of the Faculty	Title of Award	Name of Awarding Agency	National / International	Date Conferred
Dr. Geetu	साहित्य रत्न पुरस्कार	ICERT	National	(14-09-2022)

Dr.Geetu	पूर्णोदय काव्य गौरव सम्मान	जयपुर काव्य महोत्सव	National	(05-01-2023)
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(XX). **Any other important Information/ Achievement of the Department:**

Dr.Geetu: HARWARD WORLD RECORD, LONDON: Certificate of participant
as poet (08-09-2022)

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
03	02	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	--
Total number of funded research projects	Completed	Ongoing	--
Nil	Nil	Nil	Nil
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	Ph.D. Degree submitted	Ph.D. Degree awarded	-
04	Nil	Nil	--

DEPARTMENT OF MATHEMATICS

- (I) **Name** : Mathematics
- (II) **Year of Establishment** : 1994
- (III) (a) **Vision of the Department:** To Excel in Applications of Mathematics in Science & Engineering with emphasis on practical aspects of life.
 (b) **Mission of the Department:** Promotion of conducive environment for creativity, intuition, and pure intellect, free from extraneous issues of discrimination.
 (c) **Objective(s) of the Department:** 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+48=104
Dual Degree B.Sc.(Hons.)-M.Sc.(Mathematics)	50+5#	48+40+48+34+20=190

*The department is also looking after the teaching of Mathematics papers in various B.Tech., M.Tech. & B.Pharm 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 details:**

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

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	01	01	05	05 Professor under CAS were recruited as Associate/ Assistant Professor
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 Bansal	Professor	Ph.D.	34 Years
2.	Dr. (Mrs.) Sunita Rani	Professor	Ph.D.	31 Years
3.	Dr.(Mrs.) Sunita Pannu	Professor	Ph.D.	30½ Years
4.	Dr. Mukesh Kumar Sharma	Professor	Ph.D.	27½ Years
5.	Prof. Kapil Kumar	Professor	Ph.D.	19½ Years
6.	Prof. Pankaj Kumar	Professor.	Ph.D.	18 Years
7.	Dr. Renu	Asst. Prof.	Ph.D.	7 Years
8.	Dr. Hemant Kalra	Asst. Prof.	Ph.D.	9 Years
9.	Dr. Sandeep Singh	Asst. Prof.	Ph.D.	9 Years
10.	Dr. Sunita Rani	Asst. Prof.	Ph.D.	5½ 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	02
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	48

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
<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>	<i>Students Present</i>
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: 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
40	09	05	05

(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 (DST FIST)

(b).

Title of the Project	Name of the Investigator(s)	Status: Completed/ In Progress	Nature: Research/ Consultancy	Month & Year of award
On class preserving automorphisms of finite groups	Dr. Hemant Kalra	Completed	DST, New Delhi	December, 2018

X) Number of Publications of Faculty (in Total): 18

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

a) Books/Book Chapters/ Monograph etc. b) Research Papers/ Articles in Journals: 17

Prof. Sunita Rani

- Rani S & Rani S (2023). Crustal deformation of the Earth due to vertical dip-slip faulting. *Journal of Engineering Mathematic.* 138:14 <https://doi.org/10.1007/s10665-022-10255-2>

Prof. (Mrs.) Sunita Pannu nee Deswal

- Deswal S., Poonia R. and Kalkal K.K. (2022). Two-dimensional deformations in a rotating functionally graded fiber-reinforced thermoelastic half-space with magnetic

- field. *Mechanics Based Design of Structures and Machines*. (Impact Factor: 4.095, Taylor & Francis). (Accepted October 2022).
2. Kalkal K.K, Deswal S. and Poonia R. (2023). Reflection of plane waves in a rotating nonlocal fiber-reinforced transversely isotropic thermoelastic medium. *Journal of Thermal Stresses*. (Impact Factor: 3.28, Taylor & Francis). (Accepted January 2023).
 3. Poonia R., Deswal S. and Kalkal K.K. (Feb. 2023 online). Propagation of plane waves in a nonlocal transversely isotropic thermoelastic medium with voids and rotation, *Z. Angew. Math. Mech.* (Impact Factor: 2.37, Wiley-VCH Verlag). (Accepted January 2023).
 4. Boora K., Deswal S. and Kadian A., Thermo-mechanical interactions in a functionally Graded orthotropic thermoelastic medium with rotation and gravity *Mechanics Based Design of Structures and Machines*. (Impact Factor: 4.095, Taylor & Francis).
 5. Othman M I., Punia B. S. Deswal S and Kalkal K.K (Accepted June 2023, proofs received July 23) Reflection of plane waves in an orthotropic micropolar thermoelastic diffusive medium with two-temperature, *Indian Journal of Physics* (Impact Factor: 1.407, Springer Science and Business Media)

Prof. M.K. Sharma

1. Ahlawat A, Sharma Mukesh Kumar (2022) “MHD micropolar hybrid nanofluid flow through an annulus with discrete surface heaters: A study for optimal heat convection.” *Heat Transfer Journal*, 51(6), 5320-5347. Impact factor -3.6 SCOPUS & WoS

Prof. Kapil Kumar

1. Deswal S., Poonia R. and Kalkal K.K. (2022). Two-dimensional deformations in a rotating functionally graded fiber-reinforced thermoelastic half-space with magnetic field. *Mechanics Based Design of Structures and Machines*. (Impact Factor: 4.095, Taylor & Francis). (Accepted October 2022).
2. Poonia R., Deswal S. and Kalkal K.K. (Feb. 2023 online). Propagation of plane waves in a nonlocal transversely isotropic thermoelastic medium with voids and rotation, *Z. Angew. Math. Mech.* (Impact Factor: 2.37, Wiley-VCH Verlag). (Accepted January 2023).
3. Othman M I., Punia B. S. Deswal S and Kalkal K.K (Accepted June 2023, proofs received July 23) Reflection of plane waves in an orthotropic micropolar thermoelastic diffusive medium with two-temperature, *Indian Journal of Physics* (Impact Factor: 1.407, Springer Science and Business Media).
4. Komal Yadav, Kalkal K.K., Devender Sheoran (2023) “Thermodynamical interactions in a nonlocal initially stressed fiber-reinforced thermoelastic medium with microtemperatures under GN-II model”. *Journal of Thermal Stresses* (Taylor & Francis) Vol 46, Pages 293-316 (SCI) IF: 2.8
5. Kapil Kumar Kalkal, Sunita Deswal, Ravinder Poonia (2023) “Reflection of plane waves in a rotating nonlocal fiber-reinforced transversely isotropic thermoelastic medium”. *Journal of Thermal Stresses* (Taylor & Francis) Vol 46, Pages 276-292 (SCI) IF: 2.8
6. Devender Sheoran, Sandeep Kundu, Sandeep Singh Sheoran, Kapil Kumar Kalkal (2023) “Reflection and transmission between an initially stressed magneto-thermoelastic rotating half-space with microtemperatures and an initially stressed magneto-thermoelastic rotating half-space”. *Journal of Thermal Stresses* (Taylor & Francis) Vol 46, Pages 552-573 (SCI) IF: 2.8
7. Sunil Kumar, Aarti Kadian, Kapil Kumar Kalkal (2023) “Thermoelastic interactions in a rotational medium having variable thermal conductivity and diffusivity with gravitational effect”. *Waves in Random and Complex Media* (Taylor & Francis) Published online: 02 May 2023 (SCI) IF: 4.051
8. Kapil Kumar Kalkal, Sunil Kumar, Aarti Kadian (2022) “Plane wave propagation in a fiber-reinforced thermoelastic rotating medium with variable thermal

conductivity under modified Green–Lindsay model". *Waves in Random and Complex Media* (Taylor & Francis) Published online: 30 October 2022 (SCI) IF: 4.051

9. Sandeep Kundu, **Kapil Kumar Kalkal**, Monika Sangwan, Devender Sheoran (2023) **"Two-dimensional deformations in an initially stressed nonlocal micropolar thermoelastic porous medium subjected to a moving thermal load"**. *International Journal of Numerical Methods for Heat & Fluid Flow (Emerald)* Vol 33, Pages 1116-1143 (SCI) IF: 4.2
10. Sandeep Singh Sheoran, Shilpa Chaudhary, **Kapil Kumar Kalkal** (2022) **"Nonlocal thermodynamical vibrations in a rotating magneto-thermoelastic medium based on modified Ohm's law with temperature-dependent properties"**. *Multidiscipline Modeling in Materials and Structures (Emerald)* Vol 18, Pages 1087-1112 (SCI) IF: 2
11. Devender Sheoran, Komal Yadav, Baljit Singh Punia, **Kapil Kumar Kalkal** (2023) **"Thermodynamical interactions in a rotating functionally graded semiconductor material with gravity"**. 2 (*Multidiscipline Modeling in Materials and Structures (Emerald)*) Vol 19, Pages 226-255 (SCI) IF: 2

Prof. Pankaj Kumar

1. **Pankaj Kumar** and Riddhi: **Weight enumerators of all irreducible cyclic codes of length n** , *Discrete Mathematics, Algorithms and Applications*, Volume 15(8), 2399001(12 pages), 2023. <https://doi.org/10.1142/S179383092399001X> Scopus
2. Monika Bishnoi and **Pankaj Kumar**: **Weight enumerators of some irreducible cyclic codes of odd length**, *Cryptography and communications*, Volume 15, 795-809, 2023. <https://doi.org/10.1007/s12095-023-00637-3> Scopus and SCI

Dr. Hemant Kalra

1. **Hemant Kalra**, Ashish Goyal and Deepak Gumber (2023) On the autoconjugate probability of finite groups. *Communications in Algebra*. (Accepted)

Dr. Sandeep Singh Sheoran

1. Sandeep Singh Sheoran, Shilpa Chaudhary, Kapil Kumar Kalkal (2022) Nonlocal thermodynamical vibrations in a rotating magneto-thermoelastic medium based on modified Ohm's law with temperature-dependent properties. *Multidiscipline Modeling in Materials and Structures*, 18(6), 1087-1112. **Publication: Emerald Publishing, SCIE and Scopus Indexed, Impact Factor: 2.0**
2. Devender Sheoran, Sandeep Kundu, Sandeep Singh Sheoran, Kapil Kumar Kalkal (2023) Reflection and transmission between an initially stressed magneto-thermoelastic rotating half-space with microtemperatures and an initially stressed magneto-thermoelastic rotating half-space. *Journal of Thermal Stresses*, 46 (7), 552-573. **Publication: Taylor & Francis, SCI and Scopus Indexed, Impact Factor: 2.8**

(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: Prof. Kuldeep Bansal**
 1. Attended one day National Seminar on Recent Development in Mathematics as Guest of Honor organized by Govt. College, Hisar on 20th February, 2023

Dr. Renu

1. Presented a paper entitled "Extension and Tilt due to a Spherical Inclusion in a Thermoelastic Half-Space" in 5th International Conference on "Frontiers in Industrial and Applied Mathematics (FIAM)" organized by Department of Mathematics, Central University of Haryana, Mahendergarh, India during Dec. 22-23, 2022.
2. Presented a paper entitled "Extension and Tilt due to a Cylindrical Inclusion in a Thermoelastic Half-Space" in International Conference on "Recent Trends in Pure and Applied Sciences" organized by Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyalaya, Islampur, Tal. Walwa, Dist. Sangli, M. S., India during March 24-25, 2023.

Dr. Hemant Kalra

1. Presented a paper entitled “On the equivalence of distinct automorphism groups under some conditions” in *Mathematical science for applied and agricultural research* organized by CCSHAU, Hisar during February 22, 2022.

Dr. Sunita Rani

1. Presented a paper titled “Consolidation of a poroelastic soil layer with impervious surface” in the Two-day Online 2nd International Conference on Recent Trends in Pure and Applied Mathematics (ICRTPAS-2023) organized by Smt. Kusumtai Rajarambapu Patil Kanya Mahavigyalaya, Islampur during March 24-25, 2023.

(c) National Conferences/ Seminars/ Workshops:

Dr. Renu

1. Attended National Workshop on “Mathematical Modelling with Simulation in Applied Sciences (MMWSAS)” organized by Department of Mathematics, Central University of Haryana, Mahendergarh, India funded by DST-SERB during May 22-26, 2023.

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

Dr. Renu

- Participated in One Day Online (Live Mode) Workshop on “National Intellectual Property Awareness Mission (NIPAM): Research Ideas Toward Patents” organized by Office of Controller General of Patents, Designs and Trade Marks, Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Govt. of India in collaboration with UGC- Human Resource Development Centre, GJUS&T, Hisar on February 07, 2023.
- Participated in the National Webinar on “Financial Literacy and Money Management” organized by UGC - Human Resource Development Centre, Guru Jambheshwar University of Science & Technology, Hisar in collaboration with Securities Exchange Board of India on February 24, 2023.

Dr. Hemant Kalra

- Attended Webinar on “National Intellectual property awareness mission” organized intellectual property office, India on February 22, 2023

Dr. Sunita Rani

- Participated in a National Webinar entitled “Introduction to Forensic Science” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of Ministry of Education held on 15th July 2022. Attended Financial Awareness Program conducted by Centre for Investment Education and Learning on 24th February 2023.

(e) Refresher Courses/ Orientation Courses/FDP:

Dr. Renu Muwal

- Attended one-week FDP on “Teaching and Research Practices” organized by Jaypee University of Information Technology, Department of Biotechnology and Bioinformatics, Waknaghat, Solan, Himachal Pradesh during June 5-9, 2023.

(f) National/International Webinars Attended

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

i)	Refresher Course	: 01
ii)	FDP	: 01
iii)	Orientation Course	: Nil
iv)	Webinar	: 05
v)	Total	: 07

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

i) Membership of Professional Bodies:

Prof. Kuldeep Bansal

- Life Member, Indian Mathematical Society (IMS), New Delhi

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), Jaipur
- 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, Allahabad.
- Life member, Indian Mathematical Society, New Delhi.

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), Allahabad.

Dr. Sunita Rani

- Life member of Indian Mathematical Society (IMS), New Delhi

ii) Member of Expert Committees:

Prof. Kuldeep Bansal

- Acted as subject expert in various selection committees of other Universities/ Institutes

Prof. Mukesh Kumar Sharma

- Vice-Chancellor's Nominee as Subject Expert, Chaudhary Charan Singh Haryana Agricultural University, Hisar (Haryana) 2023.
- Vice-Chancellor's Nominee as Subject Expert for CAS promotion, Central University of Haryana, Mahendergarh (Haryana) 2023.

iii) Member of Academic Bodies of other institutions:

Prof. Kuldeep Bansal

- Executive Council, TMU, Moradabad
- Academic Council, IGU, Meerpur (Rewari)
- PG BOS in Mathematics, CDLU, Sirsa
- UG BOS in Mathematics, CBLU, Bhiwani
- DRC in Mathematics, CBLU, Bhiwani
- DRC in Mathematics, C.U.H., Mohindergarh
- PG BOS in Mathematics, DRUST, Murthal
- UG BOS in Mathematics, DRUST, Murthal
- DRC in Mathematics, BPSMV, Khanpur
- Academic Council, Om Sterling Global University, Hisar

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.
- Member Board of Studies (BOS), Department of Mathematics & Statistics, Manipal University, Jaipur 2020-2022.

Dr. Sandeep Singh

- Member of UGBOS, Department of Mathematics, CRSU, Jind from 01.06.2023 to 31.05.2025 (two years).

(iv) Member of Academic Bodies of institutions:**Prof. Sunita Pannu**

- Member of Executive Council, G J U S & T, Hisar, w.e.f. 01.7.2021, for a period of two years.

(XIV) Detail of Consultancy Project/ Work in Department: Nil**(XV) Lectures (other than class) (Invited talks/Extension Lectures) delivered (Give Faculty wise detail)****Prof. Kuldeep Bansal**

Type	Topic/ Subject	Institution	Dates
Extension lectures	Classical Mechanics	Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat, India	November 26, 2022
Extension lectures	Differential Geometry	Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat, India	April 1, 2023
Extension lectures	Curvilinear Co-ordinates	Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat, India	April 15, 2023

Extension lectures	Mechanics of Solids	Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, India	April 29, 2023
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Prof. Mukesh Kumar Sharma

Type	Topic/Subject	Institution	Dates
Invited talk	Role of Rheological Models on the Transport Process	Vijayanagara Sri Krishnadevaraya University (VKSU) Ballari, Karnataka', India	December 21-23, 2022 The 28th International Conference of the IAPS, CONIAPS XXVIII, on ' <i>Innovations in Computational & Physical Sciences for Sustainable Development</i> '
Extension lectures	Fourier Series and Applications	Government College, Hisar	19-11-2022

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

Prof. Kuldeep Bansal

- Worked as Director, Distance Education from October, 2022 to 30.06.2023.

Dr. Renu Muwal

- Training Placement Co-ordinator (TPC) of Dept. of Mathematics.
- Member of the Board of Studies, Dept. of Mathematics, GJUS&T, Hisar.

Dr. Hemant Kalra

- Member of Departmental Admission Committee.
- Member of Departmental Research Committee.
- Member of the library Committee
- Member of the Board of Studies
- Member of the inspection committee of Colleges regarding the extension of courses.
- Member of the transportation committee of Science Enclave 2022-23 during -05-06 December 2022
- NSS Program officer from 01-07-2022 to 06-06-2023
- Performed Proctorial duty during the youth festival held at at Chaudhary Ranbir Singh Auditorium during November 29 to December 02, 2022
- Organized seven days NSS Special seven days camp at Satroad, Hisar from 23-02-2023 to 01-03-2023

Dr. Sandeep Singh

- Village Programme Officer under “Swachh Bharat Swasth Bharat” scheme from February 9, 2021 to 30.06.2023.
- Worked as Warden Boys Hostel-1 from October 06, 2020 to May 17, 2023.
- Nodal Officer for Introduction of “Vedic Mathematics” in GJUS&T, Hisar from December 30, 2020 to 30.06.2023.
- Member of Anti Ragging Squad-II (for Boys' Hostels) for the session 2022-23.
- Proctorial duty, Haryana Film Mahotsav-2023 at CRS Auditorium, GJUS&T, Hisar during February 4-5, 2023.
- Member, Time Table Committee in the Dept. of Mathematics for the Session 2022-23.

- Member, Admission Committee for M.Sc. (Mathematics) Course for the Session 2022-23.
- Training & Placement Coordinator (TPC) of Dept. of Mathematics for session 2022-23.
- Alumni Coordinator of Dept. of Mathematics for the session 2022-23.
- Member, DRC in Dept. of Mathematics, GJUS&T, Hisar from 05.02.2020 to till date.

Dr. Sunita Rani

- Departmental IQAC Co-ordinator from 09-03-2021 to 30.06.2023.
- Member, Women Cell, GJUST, Hisar from 29-05-2023 to 30.06.2023.
- NSS Programme Officer, GJUST, Hisar from 07-06-2023 to 30.06.2023.
- Member, Time Table Committee in the Dept. Of Mathematics for the Session 2022-23.
- Member, Admission Committee for B.Sc.(Hons.) Data Science Course for the Session 2022-23.
- Member Cultural Committee, NAAC Peer team visit during October 10-12, 2022.
- Member Decoration Committee, Diwali Mela organized by Guru Jambheshwar University of Science and Technology, Hisar on October 21, 2022.
- Member Stage Decoration & Lamp Lighting Committee, Youth Festival organized by Guru Jambheshwar University of Science and Technology, Hisar during November 29 to December 02, 2022.
- Member Stage arrangement and Decoration Committee, Science Conclave organized by Guru Jambheshwar University of Science and Technology, Hisar during December 5-6, 2022.

(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: 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
18	--	17	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	-
--	02	--	--
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	--
09	05	05	--

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 17 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
- (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(s) 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	23
UG - B.Tech (Mech Engg)	60	267

(V) **Faculty detail: (Attach a list of the Faculty alongwith their qualification and experiences)**

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	03	--	05	--
Associate Professor	03	01	02	--
Assistant Professor	10	10	--	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.	24	--
2.	Dr. Pankaj Sharma	Professor	Ph.D.	21	--
3.	Dr. Vishal Gulati	Professor	Ph.D.	21	--
4.	Dr. Munish Gupta	Professor	Ph.D.	20	1.25
5.	Dr. Pankaj Khatak	Professor	Ph.D.	19	--
6.	Dr. Puneet Katyal	Associate Professor	Ph.D.	19	--
7.	Dr. Mahesh Kumar	Associate Professor	Ph.D.	19	--
8.	Dr. Kamal Deep	Assistant Professor	Ph.D.	19	01
9.	Dr. Rakesh Kumar	Assistant Professor	Ph.D.	11	--
10.	Sh. Jagdip Chauhan	Assistant Professor	ME, Ph.D. (Pursuing)	11	0.66
11.	Sh. Rajender Singh	Assistant Professor	ME, Ph.D. (Pursuing)	13	02

12.	Dr. Sandeep Jindal	Assistant Professor	Ph.D.	19	--
13.	Dr. Himanshu Manchanda	Assistant Professor (on contract)	Ph.D.	10	--
14.	Sh. Paramjeet Lamba	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	10	--
15.	Sh. Vijay Singh	Assistant Professor (on contract)	M.Tech., Ph.D. (Pursuing)	11	--
16.	Dr. Sonu Mathur	Assistant Professor (on contract)	Ph.D.	10	--
17.	Sh. Sudhir	Assistant Professor (on contract)	ME, Ph.D. (Pursuing)	10	--

(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--	01 (contract)

(VII)

(a) Students detail in respect of M.Tech Programmes:

Programme (s)	Sanctioned Intake	Students admitted 1 st year	Students present final year
M. Tech.	20	09	14

(b) Students detail in respect of B.Tech Programmers:

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>
60	65	6	72	62	68

(d) Detail of foreign students if any, admitted in the department: 01

Sr. No.	Name of Course	No. of Students Admitted	Name of Country
1.	B.Tech.	01	Nepal

(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
15	02	03	03

List of Ph.D 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	Dr. Mahesh Kumar	--
3.	190160090001	Mr. Munish Kumar	Dr. Pankaj Khatak	--
4.	190160090002	Mr. Sunil Kumar	Dr. Puneet Katyal	--

5.	190160090005	Mr. Amit Malik	Dr. Mahesh Kumar	--
6.	190160090006	Mr. Naresh	Dr. Pankaj Khatak	--
7.	190160090104	Mr. Gitesh Kumar	Prof. H.C Garg	--
8.	190160090105	Mr. Shimpy	Dr. Mahesh Kumar	--
9.	190160090103	Mr. Vijay Singh	Prof. H.C Garg	--
10.	200160090101	Mr.Parvez Khan	Prof. H.C Garg	--
11.	21016004	Mr. Rajender	Prof. Pankaj Sharma	--
12.	21016005	Mr. Jagdip Chauhan	Dr. Sandeep Jindal	--
13.	210160090105	Mr. Gaurav Kadyan	Dr. Mahesh Kumar	--
14.	220160090102	Mr. Ajay Parkash	Dr. Mahesh Kumar	--
15.	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
01	01	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	In progress	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	29	29	29	00	01

(XI) Faculty wise detail of publication:

c) Books/book chapters/monograph etc.

Authors	Title	Year of publication	Type of books	Publishers
Dr. Pankaj Khatak	Pattern Recognition in EMG Control of Bionic Hands	2022	Book chapter	CEC Press

d) Research Papers/Articles in journals

Authors	Year	Title of paper	Name of journal	Publishers	Vol. & No.	Pages	SCI/ Scopus	Impact Factor
Prof. H C Garg	2023	Evaluation of tribological properties of vegetable oil-based in nano lubricants: An experimental study.	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	SAGE	--	13506 5012 31179 776	SCI	2.0
	2023	Influence of a halogen free ionic liquid on the rheological and tribological characteristics of canola oil	Industrial Lubrication and Tribology	Emerald Publishing Limited	74(8)	914-921	SCI	1.6

	2022	Tribological analysis of blended vegetable oils containing CuO nanoparticles as an additive	Materials Today: Proceedings	Elsevier	51	1259-1265	Scopus	--
Dr. Munish Gupta	2022	Experimental investigations on thermo-physical properties and stability of diamond-alumina based hybrid nanofluids.	Journal of Dispersion Science and Technology	Taylor and Francis		1-14	SCI	2.2
	2022	An experimental analysis of CTAB surfactant on thermophysical properties and stability of MWCNT/water nanofluids.	Applied Nanoscience	Springer	12(6)	1941-1966	SCI	3.8
	2022	Optimization of process parameters of micro-EDD/ EDM for magnesium alloy using Taguchi based GRA and TOPSIS method.	Materials Today: Proceedings	Elsevier	51	269-275	Scopus	--
	2022	An experimental approach on characterization techniques of zinc oxide nanoparticles.	Materials Today: Proceedings	Elsevier		2469-2477	Scopus	--
Dr. Puneet Katyal	2023	Effect of End Milling Process Parameters and Corrosion Behaviour of ZE41A Magnesium Alloy using Taguchi Based GRA	Biointerface Research in applied chemistry	Biointerfac e Research in applied chemistry	13(3)	1-16	Scopus	--
Dr. Mahesh Kumar	2023	Induction heating of sugarcane juice: thermo-enviro-economic analyses	Journal of Thermal Analysis and Calorimetry	Springer	148	7939-7950	SCI	4.8
	2023	Experimental forced convection greenhouse and indirect cabinet drying of date fruits: a comparative study	Journal of Thermal Analysis and Calorimetry	Springer	148	5437-5454	SCI	4.8
	2023	Assessment of an ETC based solar water heater at different tilt angles	Materials today Proceedings	Elsevier			Scopus	--
	2023	Designs, performance and economic feasibility of domestic solar dryers.	Food Engineering Reviews	Springer	1	156-186	SCI	6.6
	2023	Performance Assessment and Modeling Techniques for Domestic Solar Dryers	Food Engineering Reviews	Springer			SCI	6.6
	2022	Natural convective greenhouse vermicelli drying:	Sustainable Energy Technologies and	Elsevier	55		SCI	8.0

		Thermo-enviro- econo-kinetic analyses.	Assessments					
	2022	Enhanced heat utilization and fuel saving in a jaggery plant.	Journal of Food Process Engineering.	Wiley			SCI	3.0
	2022	Solar drying of peppermint leave: Thermal characteristics, drying kinetics, and quality assessment.	Journal of Stored Products Research	Elsevier			SCI	2.7
	2022	Advancements in ginger drying technologies.	Journal of Stored Products Research	Elsevier	100		SCI	2.7
	2022	Toward natural convection solar drying of date palm fruits (Phoenix dactylifera L.): An experimental study.	Environmental Progress & Sustainable Energy	John Wiley & Sons, Inc.	41(6)	E1386 2	SCI	2.8
	2022	Efficacy of mass of energy storage material on the performance of a solar driven stepped series system during sugarcane juice concentration.	Solar energy	Elsevier	243	300-314	SCI	7.188
	2022	Performance evaluation of a concatenated stepped solar still system loaded with different masses of energy storage material.	Energy	Elsevier			SCI	9.0
	2022	Application of concatenated stepped solar still system (CS4) for RO waste water purification: an experimental study.	Environmental Science and Pollution Research	Springer			SCI	5.8
	2022	Influence of automatic bagasse feeding on the performance of a modified jaggery plant.	Journal of Food Process Engineering	Wiley			SCI	3.0
	2022	Comparison of groundnut drying in simple and modified natural convection greenhouse dryers: Thermal, environmental and kinetic analyses.	Journal of Stored Products Research	Elsevier	98		SCI	2.7
Dr. Rakesh Kumar	2022	Enhanced heat utilization and fuel saving in a jaggery plant.	Journal of Food Process Engineering.	Wiley			SCI	3.0
	2022	Influence of automatic bagasse feeding on the performance of a modified jaggery plant.	Journal of Food Process Engineering	Wiley			SCI	3.0

Dr. Sandeep Jindal	2023	A brief review on pre-and post-weld treatment of various grades of aluminium alloys	Materials Today: Proceedings	Elsevier			Scopus	--
Dr. Himanshu Manchanda	2023	Experimental forced convection greenhouse and indirect cabinet drying of date fruits: a comparative study	Journal of Thermal Analysis and Calorimetry	Springer	148	5437-5454	SCI	4.8
	2023	Assessment of an ETC based solar water heater at different tilt angles	Materials today Proceedings	Elsevier			Scopus	--
	2022	Toward natural convection solar drying of date palm fruits (Phoenix dactylifera L.): An experimental study.	Environmental Progress & Sustainable Energy	John Wiley & Sons, Inc.	41(6)	E1386 2	SCI	2.8

(XII) Participation of faculty in seminal/conference/workshop and refresher courses etc. during 2022-2023:

a) Total number of Seminars/Conferences attended by faculty and papers presented:

Position	Attended			Paper Presented		
	International	National	Total	International	National	Total
Professor	01	--	01	01	--	01
Associate Professor	00	--	00	00	--	00
Assistant Professor	00	00	00	00	00	00

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/ CSIR/ AICTE/ University etc.
Prof. H C Garg	Investigating the antiwear characteristics of Castor Oil based Ionano lubricant using four ball tester.	Tribology for Energy, Environment and Society	IIT, Delhi	Delhi	12-14 Dec 2022	

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 course	Name of host organization	Dept.	Place	Date
Sh.Rajender Singh	Development program on Smart India Manufacturing	Visvesvaraya technological University center for postgraduate studies	AICTE training and learning (ATAL) academy	Banglore	14/11/2022 to 20/11/2022
Dr. Rakesh Kumar	Research method and research design	Ramanujan College, University of Delhi	Ministry of education Pandit Madan Mohan Malaviya national mission on teachers and teaching	Teaching Learning Centre Ramanujan College, University of Delhi (Online mode)	06 – 12 March, 2023
Dr. Sandeep Jindal	Development program on Smart India Manufacturing	Visvesvaraya technological University center for postgraduate studies	AICTE training and learning (ATAL) academy	Banglore	14/11/2022 to 20/11/2022

Sh.Jagdip Chauhan	Research method and research design	Ramanujan College, University of Delhi	Ministry of education Pandit madan mohan malaviya national mission on teachers and teaching	Teaching Learning Centre Ramanujan College, University of Delhi (Online mode)	06 – 12 March, 2023
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f) National/International Webinars Attended: NIL

g) Total Number of Refresher/Oriented Courses/ Webinar attended:

- i) Refresher Courses/FDP : 04
- ii) Oriented Courses : 00
- iii) Webinar : 00
- iv) Total : 04

(XIII) Association with national and state level bodies: Nil

(XIV) Detail of consultancy work in dept: Nil

(XV) Lecture 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. HC Garg	Director, CIIP	December 14, 2016 ongoing
2	Prof. Vishal Gulati	1st Year Coordinator Director, PDUIC	January 2018, ongoing April-2022, ongoing
3	Prof. Munish Gupta	Deputy- Director, PDUIC	October-2022, ongoing

(XVII) Training & Placement Activities of the Department:

Activity	No. of Students placed	No. of Companies in which placed*
Training	14	07
Placement	28	12

(XVIII) Detail of academic activities/program organized in department during the year:

- i) Seminar/conference/refresher course/workshop/training programme/FDP: Nil
- ii) Extension lectures: Nil
- iii) Students tour/ training program: Nil
- iv) Industry interaction programme: Nil

(XIX) Award/Honors received by Faculty: Nil

(XX) Any other important information/achievement of the Department: Nil

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
29	29	29	9.0
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	01	--
Total Number of scholars registered in Ph.D. programme	Ph.D. Degree submitted	Ph.D. Degree awarded	
02	03	03	--

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.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

(I) **Name** : Pharmaceutical Sciences

(II) **Year of Establishment** : 1995

(III) (a) **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) **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:**

- 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.	-	34
P.G	45+45	80
U.G	74 each year + 6 LEET each year from 2nd year onwards + left over seats B. pharm. 1st year	277

(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	10	00	-

List of Teaching Staff

S. No.	Name	Designation	Qualification	Teaching Experience (years)
1	Dr D.C. Bhatt	Professor	M Pharm, PhD	33
2	Dr Neeru Vasudeva	Professor, Superannuated on 31-03-2023	M Pharm, PhD	37
3	Dr Sumitra Singh	Professor Chairperson & Dean	M Pharm, PhD	25
4	Dr Sunil Sharma	Professor	M Pharm, PhD	26
5	Dr Dinesh Dhingra	Professor	M Pharm, PhD	29
6	Dr Munish Ahuja	Professor	M Pharm, PhD	26
7	Dr Sandeep Jain	Professor	M Pharm, PhD	27
8	Dr Archana Kapoor	Professor	M Pharm, PhD	16

9	Dr Ashwani Kumar	Professor	M Pharm, PhD	16
10	Dr Sunil Kumar	Professor	M Pharm, PhD	16
11	Dr Meenakshi Bhatia	Professor	M Pharm, PhD	16
12	Dr Rekha Rao	Assistant Professor	M Pharm, PhD	16
13	Dr Vikramjeet Singh	Assistant Professor	M Pharm, PhD	12
14	Dr Manoj Kumar	Assistant Professor	M Pharm, PhD	09
15	Dr. Naresh Kumar	Assistant Professor (CF)	M Pharm, PhD	14
16	Dr. Ravi	Assistant Professor (CF)	M Pharm, PhD	09
17	Dr. Deepak Kumar Jindal	Assistant Professor (CF)	M Pharm, PhD	10
18	Ms. Himanshi	Assistant Professor (CF)	M Pharm	08
19	Dr. Sonali Batra	Assistant Professor (CF)	M Pharm, PhD	05
20	Dr. Samridhi	Assistant Professor (CF)	M Pharm, PhD	05
21	Dr. Kavita	Assistant Professor (CF)	M Pharm, PhD	08

(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	41	39

(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 including LEET	Students Present	Students Present	Students Present
74	70	74+6	71 (66+5)	69	67

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

Sr. No.	Name of Programme	No. of students Admitted	Name of Country
1.	B. Pharmacy	00	

(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
38	05	12	10

List of ongoing PhD scholars of Department of Pharmaceutical Sciences:

S. No.	Regn. no.	Candidate	Supervisor	Co-supervisor
1	15129003	Vinesh Dahiya	Prof. Neeru Vasudeva	Prof. Sunil Sharma
2	15129006	Nidhi	Prof. Sunil Sharma	
3	15129017	Harish Kumar	Prof. Sunil Sharma	Prof. Neeru Vasudeva
4	16129004	Bhupinder Bhyan	Prof. D.C. Bhatt	
5	16129005	Sandeep Rathor	Prof. D.C. Bhatt	
6	16129007	Sheikh Aamir	Prof. D.C. Bhatt	
7	16129009	Jitender Mor	Prof. D.C. Bhatt	
8	16129010	Sunil Shukla	Prof. Sunil Sharma	Prof. Neeru Vasudeva
9	16129011	Sudha	Prof. Dinesh Dhingra	
10	17129002	Shalini Yadav	Prof. Sunil Sharma	
11	17129003	Rameshwar Dass	Dr. Meenakshi Bhatia	
12	17129004	Pooja	Dr. Rekha Rao	
13	17129007	Manisha	Dr. Ashwani Kumar	
14	180120090001	Padmnabh	Prof. D C Bhatt	
15	180120190001	Kiran Bagri	Dr. Ashwani Kumar	
16	190120290001	Pooja Rani	Dr. Meenakshi Bhatia	
17	190120290002	Pooja Kumari	Prof. Munish Ahuja	Dr. Viney Kant
18	190120290003	Rimpy	Prof. Munish Ahuja	
19	190120290004	Raghuvir Singh	Dr. Rekha Rao	
20	190120290005	Sunidhi	Dr. Meenakshi Bhatia	
21	190120290006	Varsha	Dr. Rekha Rao	
22	190120290007	Priyanka	Dr. Rekha Rao	
23	190120190001	Arti	Dr. Ashwani Kumar	
24	190120290003	Mithlesh Yadav	Dr. Archana Kapoor	
25	190120390001	Kulwant Singh	Prof. Dinesh Dhingra	
26	190120490002	Savina	Prof. Sumitra Singh	
27	190120190102	Bhawna	Dr. Sunil Kumar	Dr. Ashwani Kumar
28	190120290101	Rashmi	Prof. Munish Ahuja	
29	190120390101	Manisha	Prof. Sunil Sharma	Prof. Neeru Vasudeva
30	190120390102	Hemlata	Prof. Sunil Sharma	Prof. Neeru Vasudeva
31	190120390103	Prity	Prof. Dinesh Dhingra	
32	190120390104	Pinki	Prof. Sunil Sharma	Prof. Neeru Vasudeva
33	200120290101	Sonika Rani Jangra	Prof. D. C. Bhatt	
34	210120190101	Bharti	Dr. Archana Kapoor	
35	210120190102	Alka Yadav	Dr. Vikramjeet Singh	
36	210120190103	Rekha Tanwar	Prof. Sandeep Jain	Dr. Vikramjeet Singh

37	210120190104	Bhupender	Dr. Manoj Kumar	Dr. Pooja Chawla
38	210120490101	Diksha Kataria	Prof. Sumitra Singh	

(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	01	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) And Dr. Vikramjeet Singh (Co-PI)	In progress	Research	March 2023

X) Number of Publications of Faculty (in Total)

Books	Research papers		Research paper		Other Articles
	SCI/Scopus	UGC Care	Refereed	Non refereed	
03	45	01	46	-	-

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

a) Books/Book Chapters/ Monograph etc.

Prof. Munish Ahuja

Authors	Title	Year of publication	Type of books(Text/ Reference/ Report)	Publishers
Rimpy, Rashmi Munish Ahuja	Xanthan Gum in Drug Carriers, in Polysaccharide-based Biomaterials: Delivery of Therapeutics and Biomedical Applications	2023	Reference	Royal Society of Chemistry, London, UK

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 US
Kumar, Parvin; Kumar, Ashwani	CORAL: Predictions of Quality of Rice Based on Retention Index	2023	Reference	

	Using a Combination of Correlation Intensity Index and Consensus Modelling			
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b) Research Papers/ Articles in Journals

Prof. Neeru Vasudeva

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
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 Sciences	22:9	1313-1334	Yes	3
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Possible Mechanism and Pharmacological Activities of a Flavolignan Silibinin	Current Bioactive Compounds	Bentham Sciences	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.	Bentham Sciences	13:4	1-19	Yes	0.86
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Pharmacognostical, Phytochemical, In-vitro Anti-obesity Studies, and Toxicity Analysis of Momordica charantia Linnaeus Fruits from Haryana.	Current Functional Foods.	Bentham Sciences	1:2	1-11	Yes	
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar	2022	Reversing the Weight Gained by Hypothyroid Mice using Momordica charantia Aqueous Extract.2	Azerbaijan Medical Journal	-	62(9)	5085-5092	Yes	0.18
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Recording the Body Weight Alterations in Hypothyroid Obese Mice Following Treatment with Alcoholic Extract of Citrullus Colocynthis.	Journal of Pharmaceutical Negative Results.	-	13:9	2405-2411	Yes	0.12

Prof. Sumitra Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Singh S., Sindhu R.K., Alsayegh, A.A., Batiha, G.E.S. Alotaibi S.S., Albogami S.M. & Conte-Junior, C.A.	2023	Formulation Development and Investigations on Therapeutic Potential of Nanogel from Beta vulgaris L. Extract in Testosterone-Induced Alopecia	BioMed Research International	Hindawi	2023	1-17	Yes	3.2

Sonia, S.S.	2022	Tribulus terrestris L. fruits: An extensive Pharmacognostical and Phytochemical Quality Assesment using UV-spectrophotometer.	Research Journal of Pharmacy and Technology		15 (12)	5431-5435	Yes	-
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Prof. Sunil Sharma

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
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.	-	12(4)	13704-13724	Yes	-
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 Sciences	22:9	1313-1334	Yes	3
Hemlata, Neeru Vasudeva, Sunil Sharma	2023	Possible Mechanism and Pharmacological Activities of a Flavolignan Silibinin	Current Bioactive Compounds	Bentham Sciences	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.	Bentham Sciences	13:4	1-19	Yes	0.86
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Pharmacognostical, Phytochemical, In-vitro Anti-obesity Studies, and Toxicity Analysis of Momordica charantia Linnaeus Fruits from Haryana.	Current Functional Foods.	Bentham Sciences	1:2	1-11	Yes	
Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Reversing the Weight Gained by Hypothyroid Mice using Momordica charantia Aqueous Extract.2	Azerbaijan Medical Journal	-	62(9)	5085-5092	Yes	0.18

Vinesh Dahiya, Neeru Vasudeva, Sunil Sharma, Ashok Kumar.	2022	Recording the Body Weight Alterations in Hypothyroid Obese Mice Following Treatment with Alcoholic Extract of Citrullus Colocynthis	Journal of Pharmaceutical Negative Results.	-	13:9	2405-2411	Yes	0.12
Nidhi Khatri, Sunil Sharma.	2022	Kynurenic Acid Amide Analogue hinders Secondary Consequences at Early Stage in Traumatic Brain Injury In Mice.	Chinese Journal of Medical Genetics.	-	31:3	1339-1359	Yes	0.12

Prof. Dinesh Dhingra

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Jyoti Bakshi, Meenakshi Mehra, Sapna Grewal, <u>Dinesh Dhingra</u> , Santosh Kumari.	2023	Berberine Loaded Tragacanth-Acacia Gum Nanocomplexes: Synthesis, Characterization and Evaluation of In Vitro Anti-inflammatory and Antioxidant Activity	Journal of Cluster Science	Springer	34 (2)	747-760	Yes	2.8

Prof. Munish Ahuja

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Kaushik, A., Yadav, S., Mudgal, P. , Pahwa, R., Kumar, T., Ahuja, M.	2023	Propyl modification of <i>Moringa</i> gum for drug delivery applications	<i>Polym. Bull.</i>	Springer	-	1-28	Yes	2.843
M Bernela, P Kaushal, N Verma, R Thakur, M Ahuja, P Kaur	2023	Anti-Inflammatory Therapeutics: Conventional Concepts and Future with Nanotechnology	<i>Recent Advances in Inflammation & Allergy Drug Discovery</i>	Bentham Science	17:1	7-19	Yes	
Pahwa, R., Ahuja, M.	2023	Design and Development of Fluconazole-Loaded Nanocellulose-Eudragit Vaginal Drug Delivery System.	<i>J Pharm Innov</i>	Springer		1-19	Yes	2.538
Pahwa, R., Ahuja, M.	2023	Nanocellulose-gellan cross-linked scaffolds for vaginal delivery of fluconazole	<i>International Journal of Biological Macromolecules</i>	Elsevier	229	668-683	Yes	8.025

Prof. Sandeep Jain

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Sandeep Jain, Shilpi Chauhan, Shilpy Aggarwal, Deepika Saini	2023	Novel hybrids of quinoline with pyrazolylchalcones as potential antimalarial agents: Synthesis, biological evaluation, molecular docking and ADME prediction	Chemico-Biological Interactions	Science Direct	373	110379	Yes	5.19
Navidha Aggarwal, Sandeep Jain, Neetu Chopra	2022	Hybrids of Thiazolidin-4-Ones and 1,3,4-Thiadiazole: Synthesis and Biological Screening of A Potential New Class of Acetylcholinesterase Inhibitors	Biointerface Research in Applied Chemistry	-	12:3	2800-2812	Yes	-

Prof. Sunil Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Bhawna, Ashwani Kumar, Meenakshi Bhatia, Archana Kapoor, Parvin Kumar. Sunil Kumar	2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activity relationship studies	European Journal of Medicinal Chemistry	Elsevier	-	242	Yes	6.7
Sunil Kumar , Sandeep Jain	2022	Anti-inflammatory and Analgesic Studies of 2-aryl-3-(5-alkyl-1, 3, 4-thiadiazol-2-yl) 4-thiazolidinones	Research J. Pharm. and Tech.		15:12	5555-5558	Yes	
Parvin Kumar, Sunil Kumar , Ashwani Kumar	2022	Creation of Quantitative Feature Toxicity Relationship Models for Cytotoxicity of Cadmium Containing Quantum Dots Towards HEK Cells Using QuasiSMILES	International Journal Quantitative Structure-Property Relationships		7:1	1-20	No	

Ayushi Singh, Sunil Kumar , Archana Kapoor, Parvin Kumar & Ashwani Kumar	2022	Development of reliable quantitative structure-toxicity relationship models for toxicity prediction of benzene derivatives using semiempirical descriptors, Toxicology Mechanisms and Methods	Toxicology Mechanisms and Methods	Taylor and Francis online	33:3	222-232	Yes	3.2
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	Chem. Biodiversity	Wiley online library	20:6	e202200976	Yes	2.9

Prof. Meenakshi Bhatia

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Verma, R., Mittal, V., Pandey, P., Bhatia, S., Bhatia, M., Karavasili, C., & Kaushik, D.	2023	Exploring the role of self-nanoemulsifying systems in drug delivery: challenges, issues, applications and recent advances.	Current Drug Delivery,	Bentham	20(9)	1241-61	Yes	3.758
Bhawna , Ashwani Kumar , Meenakshi Bhatia , Archana Kapoor, Parvin Kumar , Sunil Kumar	Aug 2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activity relationship studies	European Journal of Medicinal Chemistry	Elsevier	242	114655	Yes	7
Laxmi Deswa Vikas Verma, Devinder Kumar, Yogesh Deswal · Ashwani Kumar· Rajnish Kumar · Mahavir Pashad · Meenakshi Bhatia	Aug 2022	Synthesis, antimicrobial and α -glucosidase inhibition of new benzimidazole-1,2,3-triazole-indoline derivatives: a combined experimental and computational venture	Chemical Papers	Springer	https://doi.org/10.1007/s11696-022-02436-1		Yes	2.146

Prof. Ashwani Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Singh, Ayushi; Kumar, Sunil; Kapoor, Archana; Kumar, Parvin; Kumar, Ashwani;	2022	Development of reliable quantitative structure-toxicity relationship models for toxicity prediction of benzene derivatives using semiempirical descriptors	Toxicology Mechanisms and Methods	Taylor and Francis	33/3	222-232	Yes	3.2
Kumar, Ashwani; Bhatia, Meenakshi; Kapoor, Archana; Kumar, Parvin; Kumar, Sunil;	2022	Monoamine oxidase inhibitors: A concise review with special emphasis on structure activity relationship studies	European Journal of Medicinal Chemistry	Elsevier	242	114655	Yes	6.7
Deswal, Laxmi; Verma, Vikas; Kumar, Devinder; Deswal, Yogesh; Kumar, Ashwani; Kumar, Rajnish; Parshad, Mahavir; Bhatia, Meenakshi;	2022	Synthesis, antimicrobial and α -glucosidase inhibition of new benzimidazole-1, 2, 3-triazole-indoline derivatives: a combined experimental and computational venture	Chemical Papers	Springer	76	7607–7622	Yes	2.2
Kumar, Parvin; Singh, Rahul; Kumar, Ashwani; Toropova, Alla P; Toropov, Andrey A; Devi, Meena; Lal, Sohan; Sindhu, Jayant; Singh, Devender;	2022	Identifications of good and bad structural fragments of hydrazone/2, 5-disubstituted-1, 3, 4-oxadiazole hybrids with correlation intensity index and consensus modelling using Monte Carlo based QSAR studies, their molecular docking and ADME analysis	SAR and QSAR in Environmental Research	Taylor and Francis	33	677-700	Yes	3
Yadav, Priyanka; Kaushik, CP; Kumar, Ashwani;	2022	Synthesis and antimicrobial activity of piperazine containing substituted 1, 2, 3-triazoles with amide linkage	Synthetic Communications	Taylor and Francis	52	2149-2162	Yes	2.1
Deswal, Laxmi; Verma, Vikas; Kirar, Jagat Singh; Kumar, Devinder; Deswal, Yogesh; Kumar, Ashwani; Bhatia,	2023	Benzimidazole-1, 2, 3-triazole-piperazine hybrids: design, synthesis, antidiabetic evaluation and molecular modelling studies	Research on Chemical Intermediates	Springer	49	1059–1083	Yes	3.3

Meenakshi;								
Duhan, Meenakshi; Singh, Rahul; Devi, Meena; Sindhu, Jayant; Kumar, Parvin; Kumar, Sudhir; Kataria, Ramesh; Kumar, Ashwani; Lal, Sohan; Singh, Devender	2023	Thiazolidin-2, 4-dione framework containing spiropyrrolidine-oxindole and 1, 2, 3-triazole scaffold: Synthesis, in vitro α -amylase inhibition and insilico studies	New Journal of Chemistry	RSC	47	5399-5412	Yes	3.3
Singh, Rahul; Kumar, Parvin; Sindhu, Jayant; Devi, Meena; Kumar, Ashwani; Lal, Sohan; Singh, Devender	2023	Parsing structural fragments of thiazolidin-4-one based α -amylase inhibitors: A combined approach employing in vitro colorimetric screening and GA-MLR based QSAR modelling supported by molecular docking, molecular dynamics simulation and ADMET studies	Computers in Biology and Medicine	elsevier	157	106776	Yes	7.7
Singh, Rahul; Kumar, Parvin; Devi, Meena; Sindhu, Jayant; Kumar, Ashwani; Lal, Sohan; Singh, Devender; Kumar, Harish; Kumar, Sumit	2023	Urease Inhibition and Structure-Activity Relationship Study of Thiazolidinone-, Triazole-, and Benzothiazole-Based Heterocyclic Derivatives: A Focus Review	Chemistry Select	Wiley	8	202300244	Yes	2.1
Chahal, Manisha; Kaushik, Chander Prakash; Luxmi, Raj; Kumar, Devinder; Kumar, Ashwani;	2023	Synthesis, antimicrobial, and antioxidant activities of disubstituted 1, 2, 3-triazoles with amide-hydroxyl functionality	Medicinal Chemistry Research	Springer	32	85-98	Yes	2.6
Bagri, K; Kapoor, A; Kumar, P; Kumar, A	2023	Hybrid descriptors–conjoint indices: a case study on imidazole-thiourea containing glutaminyl cyclase inhibitors for design of novel anti-Alzheimer's candidates	SAR and QSAR in Environmental Research	Taylor and Francis Online	34	361-381	Yes	3
Kumar, Naresh; Asija, Sonika; Deswal,	2022	Development of new tridentate ligands bearing hydrazone motif and	Research on Chemical Intermediates	Springer	48	5133-5154	Yes	3.3

Yogesh; Saroya, Sonia; Kumar, Ashwani		their diorganotin (IV) complexes: Synthesis, spectral, antimicrobial and molecular docking studies						
Barwa, Pinki; Asija, Sonika; Deswal, Yogesh; Kumar, Naresh; Kumar, Ashwani; Devi, Jai	2023	New pentacoordinated diorganotin (IV) complexes of o- aminophenol based Schiff base ligands: Synthesis, characterization, antioxidant, antimicrobial and molecular docking studies	Research on Chemical Intermediates	Springer	49	3411– 3440	Yes	3.3

Dr. Vikramjeet Singh

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Manoj Kumar, Vijay Kumar, Vikramjeet Singh and Samridhi Thakral	2023	Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl)-4,5-dihydropyrazol-1-yl) benzo[d]thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents	BMC Chemistry	Springer Nature	16	103	Yes	4.095
Nisha Kamra, Suman Rani, Sumit Thakral, Ajeet Singh, Pyare Lal Sangwan, Sashank K. Singh, Samridhi Thakral, Vikramjeet Singh, and Devinder Kumar	2022	Synthesis, biological activity and molecular docking studies of heterocyclic chalcones	Chemistry & Biodiversity	Wiley	19	e202200560	Yes	2.745
Devinder Kumar, Sumit Thakral, Samridhi Thakral, Vikramjeet Singh, A. Muni Nagesh, Sneha Verma, Deepak Pandey	2022	Synthesis and biological evaluation of 2-(halophenyl) benzoxazole-5-carboxylic acids as potential anti-inflammatory and cytotoxic agent with molecular docking studies	Chemistry & Biodiversity	Wiley	19	e202200489	Yes	2.745

Dr. Rekha Rao

Authors	Year	Title of paper	Name of Journal	Publishers	Vol.& No.	Pages	SCI/Scopus (Yes/No)	Impact factor
Anroop B. Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Archana Kapoor, Minakshi Garg, Rekha Rao, Bandar Aldhubiab, Nagaraja Sreeharsha, Rashed M. Almuqbil, Mahesh Attimarad, Heba S. Elsewedy and Pottathil Shinu	2022	Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol-Laden Nanosponges	Nano-materials	MDPI	12(23)	4211	Yes	3
Varsha Kadian, Pooja Dalal, Sunil Kumar, Archana Kapoor & Rekha Rao	2023	Comparative evaluation of dithranol-loaded nanosponges fabricated by solvent evaporation technique and melt method	Future Journal of Pharmaceutical Sciences	SPRINGER	9(1)	1-15	Yes	2
Anroop B. Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Minakshi Garg, Rekha Rao, Rashed M. Almuqbil, Ahmed S. Alnaim, Bandar Aldhubiab and Fatemah Alqattan	2023	Formulation Strategies for Enhancing Pharmaceutical and Nutraceutical Potential of Sesamol: A Natural Phenolic Bioactive	Plants	MDPI	2(5)	1168	Yes	2
Hawra Mohammed Alhelal, Sidharth Mehta, Varsha Kadian, Vandita Kakkar, Himanshi Tanwar, Rekha Rao, Bandar Aldhubiab, Nagaraja Sreeharsha, Pottathil Shinu and	2023	Solid Lipid Nanoparticles Embedded Hydrogels as a Promising Carrier for Retarding Irritation of Leflunomide	Gels	MDPI	9(7)	576	Yes	

Anroop B. Nair								
Pooja Dalal, 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	Science Direct		101006	Yes	1

Dr. Manoj Kumar

Authors	Year	Title of paper	Name of Journal	Publishers	Vol. & No.	Pages	SCI/ Scopus (Yes/No)	Impact factor
Manoj Kumar, Vijay Kumar, Vikramjeet Singh and Samridhi Thakral	2023	Synthesis, in silico studies and biological screening of (E)-2-(3-(substitutedstyryl)-5-(substitutedphenyl)-4,5-dihydropyrazol-1-yl) benzo[d]thiazole derivatives as an anti-oxidant, anti-inflammatory and antimicrobial agents	BMC Chemistry	Springer Nature	16	103	Yes	4.095

(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,	2					
Associate Professor						
Assistant Professor	1				2	

Name of the Faculty		Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST CSIR/AICTE/ Univ./etc.
Prof. Dinesh Dhingra	Chairman in the Scientific Session in International Conference	Innovations and Technology Transforming Pharmaceutical Education and Research	Dept. of Pharmaceutical Sciences, M.D. University	Rohtak (Haryana)	25-26 April, 2023	University

Dr. Rekha Rao	-	Innovations and Technology Transforming Pharmaceutical Education and Research	Dept. of Pharmaceutical Sciences, M.D. University	Rohtak (Haryana)	25-26 April, 2023	University
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(b) International Conferences/ Seminars/ Workshops: Nil

(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.
Vikram jeet Singh	3-Hydroxy-2-naphthoic acid derivatives and their biological potential	National Conference (SPARK-2022)	Guru Gobind Singh College of Pharmacy	Yamuna Nagar, Haryana	25 th & 26 th Novemb er 2022	-----
Vikram jeet Singh	Chemical constituents of Triphala for the treatment of Alzheimer's disease: A review	Innovations and Technology Transforming Pharmaceutical Education and Research	Department of Pharmaceutical Sciences, Maharshi Dayanand University	Rohtak	25 th - 26 th April 2023	-----

(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. Vikram Jeet Singh	Inculcating Universal Human Values in Technical Education (Online)	AICTE, New Delhi		GJUST Hisar Online	8 th to 12 th May 2023
Dr. Vikram Jeet Singh	Machine Learning for Internet of Things (Online)	Department of Emerging Technology GJUST, Hisar		GJUST Hisar Online	15 th to 20 th May 2023
Dr. Rekha Rao	Inculcating Universal Human Values in Technical Education (Online)	AICTE, New Delhi		GJUST Hisar Online	8 th to 12 th May 2023
Dr. Rekha Rao	Machine Learning for Internet of Things (Online)	Department of Emerging Technology GJUST, Hisar		GJUST Hisar Online	15 th to 20 th May 2023
Dr. Manoj Kumar	Inculcating Universal Human Values in Technical Education (Online)	AICTE, New Delhi		GJUST Hisar Online	8 th to 12 th May 2023

Dr. Manoj Kumar	Machine Learning for Internet of Things (Online)	Department of Emerging Technology GJUST, Hisar		GJUST Hisar Online	15 th to 20 th May 2023
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(f) National/International Webinars Attended: Nil

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

- i. Refresher Course : 06
- ii) Orientation Course : 00
- iii) Webinar : 00
- iv) Total : 06

(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 four 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.

iii) Member of Academic Bodies of other institutions:

Prof. Dinesh Dhingra: Member of Board of Studies, Dept. of Pharmacology, Central University of Punjab, Bathinda.

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

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

Type	Name of Faculty	Topic/ Subject	Institution	Dates
Invited talk	Prof. Munish Ahuja	Significance and Theory of Dissolution Testing & Dissolution and Drug Release testing Apparatus	Lloyd Institute of Management and Technology, Greater Noida from	28 th June, 2022
	Prof. Dinesh Dhingra	Ethical aspects, Handling and care of small laboratory animals	Dept. of Pharmaceutical Sciences, CUH, Mahendergarh	21-2-2023

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

Sr. No.	Name of Teacher	Additional Positions	Duration	
1	Prof. Sumitra Singh		From	To
		Dean Faculty of medical Sciences	April, 2023	Continuing
		Chairperson Department of Pharmaceutical Sciences	September, 2021	
		Member, Academic Council	February, 2022	
		Member, Elective Council		
2	Prof. D.C. Bhatt	Chief Vigilance Officer	July, 2016	Continuing
		Member of University Court	July, 2021	
		EC member		
		IQAC member		
		AC member		
		Member of court		
4	Prof. Dinesh Dhingra	Director, Experimental Animal Facility, GJUS&T, Hisar	July, 2016	Continuing
5	Prof. Munish Ahuja	Member, medical committee	March, 2022	Continuing
6	Dr. Archana Kapoor	Member of Academic council		Continuing
7	Dr. Meenakshi Bhatia	Deputy Chief Warden, Coordinator, Working Women Hostel	July, 2021	Upto January 2023
		NCC Incharge (Girls Battalion)	January, 2017	Continuing
		Coordinator WWH	January, 2016	
8	Dr. Ashwani Kumar	NSS Program Coordinator	June 2022	Continuing
		ICC member	17January,2022	
9	Dr. Vikram Jeet Singh	Warden Boys Hostel -IV	April, 2016	Continuing
		NSS Program Officer	September,2018	
		Member of OBC and minority cell	September,2021	
10	Dr. Manoj Kumar	Warden Boys Hostel -III	November,2014	April 2023 Continuing
		Nodal officer, Driving License	July, 2019	

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

Activity	No. of Students	No. of Companies *
Training	-	-
Placement	15	10

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

Sr No	Roll no	Name of student	Placement
1	190121250008	Nikhil kumar	Ind swift (QC Department)
2	190121250031	Punit	Marketing associate (Mankind)
3	190121250052	Deepak Patel	Unichem labs (Noida)
4	190121250057	Chanchal	Pharmacist, Sukhda hospital ,Hisar
5	190121250063	Deepak	Marketing associate (Mankind Pharma), Rohtak
6	190121250064	Sahil Saini	Marketing associate (FDC), Rohtak
7	190121250065	Vikas Kumar	Marketing associate (FDC), Rohtak
8	190121250067	Avinash Mehta	Marketing associate (LUPIN)
9	190121259002	Keshav	Marketing associate (Aristo Pharmaceutical)
10	210121210017	Sarvan Kumar	BMU (Teacher)
11	210121210019	Pushpender	Unichem (QA)
12	210121220005	Vivesh Kumar	Unichem (QA)
13	210121220007	Kapil	Lingaas University (Teacher)
14	210121220013	Gaurav Sain	Paraxel(Pharmacovigilence) Mohali
15	210121230008	Naveen Kumar	Bs Anangpuria College (Teacher)

(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: 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:

NIRF Ranking: Ranked 49th in Pharmacy Category

Patent Granted:

Dr. Rekha Rao, Sharma Ruchi, Kumar Sunil, Method of synthesis of essential oil based topical mosquito repellent composition.

Application no. 201811001973

Patent no. 396627

Year of Grant: 2022

Summary of Research Publications:

Total Books Published	Books published with International publisher	Books published with National publisher	-
03	03	-	-
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	01	45	08
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	-
5	12	10	-

DEPARTMENT OF PHYSICS

- (I) **Name** : Department of 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.	90	66
P.G.	75+55 = 130	71+42 = 113
Dual Degree B.Sc.(Hons.)-M.Sc. Physics	165	123
Teaching Physics in B.Tech. Courses		

(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	
Sanctioned	Filled	Sanctioned	filled	Sanctioned	Filled
2	-	4	-	15	6

(VI) Office staff details

Designation	Sanctioned	Filled
Tech. Asstt. (G-I)	1	1
Assistant	---	1
Steno Typist	1	---
Clerk cum DEO	1	1
Store Keeper	1	----

Lab. Attendant	5	7
Peon	1	1

(VII) a. Students detail in respect of M.Sc. Programme

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
M.Sc. (Physics)	55	55	42

b. Students' detail in respect of MCA Programme – N.A

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

Sr. No.	Name of Course	No. of students Admitted	Name of Country
1	Ph.D.	1	Ethiopia

(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
90	66	5	5	JRF = 40 URF = 01 HSCST = 03

(IX) Sponsored Research/ Consultancy Projects

Sr. No	Title of the Project	Name of the Investigator	Project in process	Awarded during the current year	Completed during the current year	Nature: Research/ Consultancy
1	2D Mxenes as an electrodes materials for environment friendly rechargeable alkali ion batteries	Dr. Hardev Singh	Completed	2022	2023	Research
2	Study of Thermoelectric Properties of Metal Chalcogenide Materials	Dr. Vivek Gupta	Completed	2022	2023	Research

(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
		65	-	-	-

(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	Chauhan M., Arya E., Vibha, Kumari A., Sanghi S., Agarwal A.	2023	Structural, magnetic, dielectric, magneto-electric and ferroelectric properties of BaTiO ₃ - NiFe ₂ O ₄ multiferroics	Journal of Alloys and Compounds	Elsevier	965		6.371
2	Yadav K., Sangwan R., Poonam, Mohan D., Sanghi S.	2023	Non-linear optical properties of Sb doped InSe ₄ chalcogenide films for optical switching applications	Journal of Materials Science: Materials in Electronics	Springer	34		2.779
3	Kumari A., Singh O., Arya E., Chauhan M., Vermani V., Sanghi S., Agarwal A.	2023	Crystal structure, dielectric and magnetic properties of (1 – x)BaTiO ₃ -(x)BaFe ₁₂ O ₁₉ (x = 0.50, 0.60, 0.70) multiferroic composites	Applied Physics A: Materials Science and Processing	Springer	129		2.983
4	Arya E., Chauhan M., Vermani V., Kumari A., Sanghi S., Dhar R., Agarwal A.	2023	Investigation of structural, magnetic and dielectric properties of novel magnetoelectric ceramic composite system Ba _{0.9} Ca _{0.1} Fe ₁₂ O ₁₉ -Na _{0.5} Bi _{0.5} TiO ₃	Materials Science and Engineering: B	Elsevier	291		3.407
5	Rani S., Singh O., Kaushik S., Sharma P., Agarwal A., Sanghi S.	2023	Structural, dielectric, and magnetic properties of Dy-substituted BiFeO ₃ multiferroic ceramics	Journal of Materials Science: Materials in Electronics	Springer	34		2.779
6	Chauhan M., Agarwal A., Sanghi S., Arya E., Vermani V., Jangra A., Kaushik S., Gobinda	2023	Crystal structure, dielectric and magnetic properties of BaTiO ₃ -CoFe ₂ O ₄ magneto-electric composites	Materials Today: Proceedings	Elsevier	82	186	1.09
7	Arya E., Agarwal A., Dhar R., Sanghi S., Chauhan M., Vermani V., Sharma P., Kaushik S.	2023	Structural, dielectric and magnetic properties of Ca doped barium hexaferrite-Na _{0.5} Bi _{0.5} TiO ₃ magneto-electric composites	Materials Today: Proceedings	Elsevier	82	145	1.09
8	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	1.09
9	Barala M., Mohan D., Sanghi S., Siwach B., Poonam	2022	Estimation of structural and optical properties of transparent PS/ZnO nanocomposite foils for UV shielding and photonic applications	Modern Physics Letters B	world scientific	36		1.948

10	Bala R., Agarwal A., Sanghi S., Gaur S., Rani S.	2022	Investigation of third-order nonlinear optical parameters and optical limiting behavior of PbO·Bi ₂ O ₃ ·Ga ₂ O ₃ glasses	Applied Physics A: Materials Science and Processing	Springer	128		2.983
11	Singh J., Agarwal A., Sanghi S., Jana R., Rao R., Das A.	2022	Influence of Tb substitution on the structural and magnetic properties of BiFeO ₃ multiferroic	Journal of Magnetism and Magnetic Materials	Elsevier	563		3.097
12	Barala M., Mehkoom M., Mohan D., Sanghi S., Afzal S.M.	2022	Nonlinear optical characterization and optical limiting of silver nanoparticles embedded polystyrene foils	Journal of Materials Science: Materials in Electronics	Springer	33	2463 1	2.779
13	Barala M., Maidur S.R., Mohan D., Sanghi S.	2022	Third order nonlinearity and optical power limiting studies of PS/ZnO nanocomposite foils for photonic applications	Physica Scripta	IOP	97		3.081
14	Rani S., Sanghi S., Agarwal A., Kumar R., Singh O.	2022	Crystal structure, magnetic and dielectric properties of Er-doped BiFeO ₃ ceramics	Applied Physics A: Materials Science and Processing	Springer	128		2.983
15	Yadav K., Mohan D., Sanghi S.	2022	Study of linear and non-linear optical properties of In–Se doped chalcogenide semiconducting glasses	Journal of Materials Science: Materials in Electronics	Springer	33	12062	2.779
16	Yadav K., Mohan D., Sanghi S., Sangwan R., Poonam	2022	Suppression of photo- darkening effect after exposure of light on Sb doped InSe ₄ films	European Physical Journal D	Springer	76		1.611
17	Yadav K., Sangwan R., Barala M., Mohan D., Sanghi S.	2022	Effect of antimony dopant on the structural properties of CdSe crystalline chalcogenides	Materials Today: Proceedings	Elsevier	54	656	1.09
18	Barala M., Siwach B., Sangwan R., Yadav K., Mohan D., Sanghi S.	2022	Investigation of optical energy band gap of transition metal oxide/polystyrene nanocomposite foils	Materials Today: Proceedings	Elsevier	54	697	1.09
19	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, Volume 98, Number 8 Published 20 July 2023				2.9
20	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 Volume 15, June 2023, 100406				6.04

21	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 Sunny Yadav <i>et al</i> 2023 <i>Phys. Scr.</i>	Physica Scripta, 2023, Volume 98, Number 4045215 DOI 10.1088/1402-4896/ac1ae				2.9
22	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 (2023) 34:556				2.779
23	Sunny Yadav, Kavita Yadav Devendra Mohan, Rakesh Dhar	2023	Synthesis and Characterization of Thermally evaporated Er-doped SnO ₂ thin films for Photonic Applications	Micro and nanostructures Volume 174, February 2023, 207493 https://doi.org/10.1016/j.micrna.2022.207493				3.22
24	Kavita Yadav Devendra Mohan, Sujata Sanghi Reetu Sangwan, Poonam,	2022	Suppression of photo-darkening effect after exposure of light on Sb doped InSe ₄ film	Eur. Phys. J.D (2022)76:40				1.376
25	Kavita Yadav, Devendra Mohan, Sujata Sanghi	2022	Study of Linear and nonlinear optical properties of In-Se doped chalcogenide semiconductor glasses	Journal of Materials Science: Materials in Electronics (JMSE) (2022)				2.478
26	Monika Barala, Mohd Mehkoom, Devendra Mohan, Sujata Sanghi, S.M. Afzal	2022	Nonlinear Optical Characterization and Optical Limiting of Silver Nanoparticles Embedded Polystyrene Foils	Journal of Materials Science: Materials in Electronics (JMSE) (2022)				2.478
27	Poonam, Devendra Mohan, Suraj Bhan, Kavita Yadav, Monika Barala	2022	Z-Scan Measurements and Optical Limiting Response of V ₂ O ₅ :MoO ₃ Thin Films	Brazilian Journal of Physics (2022)				1.326
28	Monika Barala, Shivaraj R Maidur, Devendra Mohan and Sujata Sanghi	2022	Third order nonlinearity and optical power limiting studies of PS/ZnO nanocomposite foils for photonic applications	Phys. Scr. 97 (2022) 105501 https://doi.org/10.1088/1402-4896/ac8b42				3.028

29	Maidul Islam, Bhairav Kumar Bhowmik, K M Dhriti, Minakshi, Devendra Mohan, Amir Ahmad and Gagan Kumar	2022	Thin film sensing in a planar terahertz meta-waveguide	J. Opt. 24 (2022) 064016 (7pp)				
30	Getu Endale, Devendra Mohan, Sandeep Yadav	2022	Focusing of Radially Polarized Bessel Gaussian and Hollow Gaussian Beam of High NA to achieve Super Resolution	Optik - International Journal for Light and Electron Optics, Online 12 January 2022				2.443
31	A Meenakshi McNamara, Sahil Saini and Parampreet Singh	2023	Novel relationship between shear and energy density at the bounce in nonsingular Bianchi I spacetimes	Physical Review D	123		026003	5.407
32	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	
33	Shakuntala Rani, R S 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	Indian Journal of Pure & Applied Physics.	61		45-954	
34	Asha Rani, Rajesh Parmar, RS 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	142		114135	
35	Kanika Poonia, Aryan Singh Lather, Sahil Jangra, R.S. Kundu, Anuj Nehra	2023	Analysis of structural and electrical properties of Sn modified Ca _{0.6} Sr _{0.4} TiO ₃ ceramics	Materials Today: Proceedings	143			
36	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 Volume 142	142			

37	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	14			107239
38	Shakuntala Rani, Rajender Singh Kundu, Vinod Kumar Garg, Balvinder Singh, Amanjeet Panghal & Neeraj Dilbaghi	2023	Radon and thoron exhalation rate in the soil of Western Haryana, India	Environmental Monitoring and Assessment	195			100355
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		61	248-250	0.7
40	Veenu Mehta, Hardev S. Saini, Sunita Srivastava, Manish K. Kashyap and K. Tankeshwar	2022	N-based single and double transition metal V ₂ N/CrVN monolayers as high capacity anode materials for Li ion batteries	Materials Chemistry and Physics		126531	0254 - 0584	4.778
41	Veenu Mehta, Hardev S. Saini, Sunita Srivastava, Manish K. Kashyap and K. Tankeshwar	2022	Ultralow diffusion barrier of double transition metal MoWC monolayer as Li-ion battery anode	J Mater Science		57	1573 - 4803	4.228
42	Rajesh Kumar, Sangeeta, Ramesh Kumar, Ramesh K Bibiyan and Mukhtiyar Singh	2023	An ab-initio study of induced half metallic ferromagnetism in Hf-Nb alloy oxides	Eur. Phys. J. Plus	Springer	138	561	3.758
43	Anisha, Ramesh Kumar, Sunita Srivastava and Tankeshwar Kumar	2023	Thermoelectric properties of PtX ₂ (X = Se, Te) monolayer	Indian J. Phys.	Springer			1.778
44	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2023	Performance Enhancement in MA _{0.7} FA _{0.3} PbI ₃ based Perovskite Solar Cell by Gradient Doping	Optik	<u>Elsevier</u>	274	1705 58	2.84

45	Sanjeev, Mukhtiyar Singh, Ramesh Kumar, Sunita Srivastava and Tankeshwar Kumar	2023	Non-trivial topological crossover in functionalized AlBi monolayer	Chem. Phys. Lett.	Elsevier	816	140388	2.719
46	Sanjeev, Mukhtiyar Singh, Ramesh Kumar, Sunita Srivastava and Tankeshwar Kumar	2023	Topological nature of large bulk band gap materials Sr_3Bi_2 and Ca_3Bi_2	Physica Scripta	IOP	98	035813	3.081
47	Anisha, Ramesh Kumar, Sunita Srivastava and Tankeshwar Kumar	2023	Optimizing 1T-NiS ₂ Monolayer Thermoelectric Performance via Valley Engineering	Materials Today Communication s	Elsevier	34	105169	3.662
48	Anisha, Ramesh Kumar, Sunita Srivastava and Tankeshwar Kumar	2023	Tuning of Thermoelectric Performance of CrSe ₂ material using dimension engineering	J. Phys. Chem. Solid	Elsevier	172	111083	4.383
49	Rajesh Kumar, Ramesh Kumar, Mukhtiyar Singh, Deshraj Meena and Ankush Vij	2022	Carrier Concentration Mediated Enhancement in Thermoelectric Performance of Various Polymorphs of Hafnium Oxide: A Plausible Material for High Temperature Thermoelectric Energy Harvesting Application	J. Phys. D: Appl. Phys.	IOP	55	495302	3.409
50	Rajesh Kumar, Ramesh Kumar, Ankush Vij and Mukhtiyar Singh,	2022	A first-principle study of electronic, thermoelectric, and optical properties of sulfur doped c-HfO ₂	Physica Scripta	IOP	97	075813	3.081
51	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2023	Optimization of ITO/SnO ₂ /FASnI ₃ /PCBM/Ag based perovskite solar cell	Material Today: Proceeding	Elsevier			1.09
52	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2023	Performance optimization of FASnI ₃ based perovskite solar cell	Material Today: Proceeding	Elsevier			1.09
53	Priyanka, Ramesh Kumar and Fakir Chand	2023	Tuning of optical performance of CrS ₂ monolayer using strain engineering	Material Today: Proceeding	Elsevier			1.09
54	Anisha, Mukhtiyar Singh, Ramesh Kumar, and Sunita Srivastava,	2023	Thermoelectric response of 1T-ZrS ₂ monolayer: Ab-initio study	Material Today: Proceeding	Elsevier			1.09

55	Anisha, Mukhtiyar Singh, Ramesh Kumar, and Sunita Srivastava,	2022	Band gap engineering of 2H-MX ₂ (M = Mo; X = S, Se, Te) monolayers using strain effect	Material Today: Proceeding	Elsevier	54	677-681	1.09
56	Ritu, Gagandeep, Ramesh Kumar and Fakir Chand	2022	Simulation of FTO/TiO ₂ /CH ₃ NH ₃ PbI ₃ /CuS CN/C Solar Cell	65 th DAE Solid State Physics Symposium Proceeding	AIP		1051 - 1052	
57	Anita and Vivek Gupta	2022	Structural and morphological studies of Se doped SnTe thermoelectric material	Materials Today: Proc.	Elsevier	62	6420 - 6424	1.09
58	Kavita, Vivek Gupta, Ranjeet	2022	Surfactant assisted solvothermal synthesis of Bi ₂ Te ₃ nanostructure for thermoelectric applications	Materials Today: Proc.	Elsevier	62	6432 - 6437	1.09
59	Bhim Singh, Roshi and Vivek Gupta	2022	Impact of different parameters on the performance of GaAs solar cell using PC1D simulation	Materials Today: Proc.	Elsevier	62	6407 - 6411	1.09
60	Bhim Singh and Vivek Gupta	2023	Influence of anti-reflection coatings on double GaAs/Si heterojunction layers in Si solar cells	Semicond. Sci. Technol.	IoP	38		2.35
61	Rishi Pal, Sneha Lata Goyal, Ishpal Rawal and Vivek Gupta	2023	Dielectric characteristics of multiwall carbon nanotube-filled polyaniline	Materials Chemistry and Physics	Elsevier	297		1.09
62	Kavita, Vivek Gupta and Ranjeet	2023	Improved thermoelectric performance of Se-doped n-type nanostructured Bi ₂ Te ₃	Journal of Materials Science: Materials in Electronics	Springer	34	1074	2.48
63	Anita, Vivek Gupta and Nagesh Thakur	2023	Strategies to enhance the performance of thermoelectric materials: A review	Journal of Renewable and Sustainable Energy	AIP	15	doi: 10.1063/5.0147000	2.85
64	Ruchi, Vivek Gupta, Ranjeet Dalal and Sneha Lata Goyal	2023	Electromagnetic interference shielding performance of in-situ polymerized PANI/Fe ₃ O ₄ nanocomposites in X-band frequency range	Polymer Bulletin	Springer		https://doi.org/10.1007/s00289-023-04950	2.87
65	Naresh, Kumar, Ranjeet, Vivek Gupta et. al.	2023	Assessment of Uranium Concentration in Drinking Water around Khetri Copper Mine Region in Rajasthan, India	Indian Journal of Pure & Applied Physics	NISCAIR	61	496-503	0.85

(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	4	5	9	4	5	9

(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
Prof. Sujata Sanghi	Study of crystal structure, dielectric and electrical properties of BaTiO ₃ -based lead-free perovskite ceramic	ICFTMME-2022		Department of Mechanical and Automobile Engineering, SRM IST, Delhi-NCR Campus, Ghaziabad	19 th and 20 th August, 2022
Prof. Sujata Sanghi	Lead-free perovskite ceramic with studied structural and dielectric properties based on BaTiO ₃	NCRAPS-2022		Department of Chemistry, Physics and Mathematics, National Institute of Technology, Uttarakhand	19 th and 20 th December, 2022
Prof. Sujata Sanghi	"X-Ray Diffraction and Rietveld Refinement of Bi _{0.85} -xBa _{0.15} Er _x FeO ₃ (0.05, 0.10) Ceramics "	International Conference on Physics (ICOP-23)		Amravati, India.	10th June 2023
Ramesh Kumar	aAb-initio study of topological nature of high band gap Ca ₃ Bi ₂ material	National seminar on Contemporary Advancement in Science & Technology	Department of Science, Govt College for women,	Gurwara, Rewari	January 21, 2023
Ramesh Kumar	Topological nature of large band gap Sr ₃ Bi ₂ material	National Conference on Emerging trends in modern science and technology	SD College,	Panipat,	March 29-30, 2023
Ramesh Kumar	Investigation of Thermoelectric property of 1T-HfSe ₂ monolayer: A DFT Calculation	National conference on Nanoscience and Instrumentation Technology (NCNIT-2022)	Department of Physics, NIT.	Kurukshetra	July 09-10, 2022.
Dr. Vivek Gupta	Invited Speaker	International Conference on "Smart Materials for Sustainable Technology-II (SMST-2022) "	IIT Bombay	Mumbai	13-16 Oct. 2022
Dr. Vivek Gupta	Participation	DST-STUTI Hands-on Training Program on Semiconductor Device Fabrication and Characterisation	Punjab Engineering College (Deemed University)	Chandigarh	21-27 Nov. 2022

Dr. Hardev Singh	Participation	International conference on Advanced Materials for Emerging Technologies (ICAMET-2023)	NSUT New Delhi	New Delhi	May 4-6, 2023
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(c) **National Conferences/ Seminars/ Workshops:- 5**

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

(e) **Refresher Courses/ Orientation Courses:- 01**

Name of Teacher/Faculty	Title of Refresher Course	Host organization	Dept. and University	Place	Date
Dr. Ramesh Kumar	MOOCS AND E-CONTENT DEVELOPMENT	GAD-TLC HRDC,	SGTBK College University of Delhi	Delhi	29.04.2023-05.05.2023

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

(g) **Total number of Refresher/ Oriented Courses attended:**

i)	Refresher Courses	:	01
ii)	Oriented Courses	:	00
iii)	Webinars	:	00
iv)	Total	:	01

(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.

Prof. R S Kundu:

Life member of International Forum of Chalcogenides

Prof. R S Kundu:

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:**

Prof. Sujata Sanghi: Member UG-BOS, CBLU Bhiwani.

(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 Agarwal	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. Hardev Singh	Warden (Boys Hostel) OSD to Vice-Chancellor Liaison Officers	Since March 2017 OBCs at GJUS&T
4.	Dr. Vivek Gupta	Warden (Boys Hostel)	Since October, 2018
5.	Dr. Vivek Gupta	UGC SWAYAM Co-ordinator	Since May, 2018
6.	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
- 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. 2022.

(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 **65** 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 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
65	-	65	6.37
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
17	17	Nil	0.87
Total number of funded research projects	Completed	Ongoing	-
02	02	Nil	
TOTAL NUMBER OF SCHOLARS REGISTERED in PH.D. PROGRAMME	PhD. Degree submitted	PhD. Degree awarded	-
66	5	5	-

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 Department will organize workshop on Fibre Optics and Phantom in Jan / Feb 2024. The academic work done by the Department is excellent. Efforts will be made to improve the research infrastructure of the Department. Faculty Members have also submitted the research projects to various funding agencies.

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:**

(IV) Programme(s) offered in the department

Programme(s)	Sanctioned intake	Present strength(total)
Ph.D.	07	07+01
P.G.	a) 40 (MPT) b) 30(PG Diploma in Yoga Science & Therapy) c) 40(M.SC Yoga Science & Therapy)	a) 24 (MPT) b) 25(PG Diploma in Yoga Science & Therapy) c) 37(M.SC Yoga Science & Therapy)
U.G.	50(BPT)	50

(V) Faculty detail

(Attach a list of the Faculty along with their qualifications and Experiences) Annexure A

	Sanctioned	Direct filled	Under CAS	Remarks if any
Professor	1	-	-	-
Associate Professor	3	-	-	-
Assistant Professor	5	4	-	-

*15 Assistant Professors (On Contract Basis)

(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

Programme	Sanctioned Intake	Students admitted 1 st Year	Students Present in Final Year
MPT	40	24	26
M.Sc. Yoga	40	37	42

Science & Therapy			
PGDYST	30	25	-

(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>
50	50	-	51	50	44

(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) (Annexure B)

Total no. of Ph.D. students	Registered during the year	Thesis submitted during the year	Thesis Awarded During the year
8	7	4	3

(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	46	04	50	0	-

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

a) Books/Book Chapters/ Monograph etc.

b) Research Papers/ Articles in Journals (Annexure C)

(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	03	04	07	-	-	-
Assistant Professor	15	13	28	11	05	16

(b) International Conferences/ Seminars/ Workshops: (Annexure D)

(c) National Conferences/ Seminars/ Workshops: (Annexure D)

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

(e) Refresher Courses/ Orientation Courses: Nil

(f) National/International Webinars Attended (Annexure D)

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

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

(XIII) Association with National and State Level Bodies

(Give Faculty-wise details): (Annexure E)

- 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) (Annexure F)

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

(XVII) Training /Internship/ Placement Activities information of the Department (Annexure-H)

- **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 the Event	National/ International	Number of participants	Dates/ Duration
9 th International Day of Yoga (vasudhiva kutumbakam and har ghar angan yoga)	National	110	21 June 2023

ii. Extension lecture: Nil

iii. Students tour (Copy Attached)

Places Visited	Number of Participants	Dates/ Duration	Faculty Incharge
Faridabad	25	10.02.023/One day)	Dr. Manoj Malik and Dr. Kalindi

iv. Industry interaction programmes : NIL

(XIX) Awards/ Honours received by Faculty (Annexure I)

(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
50	50	46	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	-
7	4	3	

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 (Copy attached)

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 academic environment of the department.
2. Faculty members should be encouraged to publish paper in high impact factor journals.

Annexure-A

Sr. No.	Name	Designation	Qualification	Experience (in years)
1	Dr. Shabnam Joshi,PT	Associate Professor	Ph.D. M.P.T.(Musculoskeletal)	17yr + 10 months
2	Dr. Jaspreet Kaur	Associate Professor	Ph.D. M.P.T.(Neuro)	17yr + 4 months
3	Dr. Manoj Malik,PT	Assistant Professor	Ph.D. M.P.T.(Neuro)	18yr + 4 months
4	Dr. Kalindi	Assistant Professor	Ph.D. M.P.T.(Cardio)	12 yr
5	Dr.Ramniwas	Demonstrator	B.P.T.	3yr+9 months
6	Mr. Pardeep Azad	Demonstrator	B.Sc. Physiotherapy	19 yr
7	Dr. Sonu Punia,PT	Assistant Professor (CF)	Ph.D. M.P.T.(Neuro)	13 yr
8	Dr. Sujata Sharma,PT	Assistant Professor (CF)	M.P.T.(Musculoskeletal)	12 yr
9	Dr. Rekha Chaturvedi,PT	Assistant Professor (CF)	Ph.D. M.P.T.(Sports)	12 yr
10	Dr. Vandana Rani, PT	Assistant Professor (CF)	M.P.T.(Neuro)	09 yr
11	Dr. Varun Singh, ,PT	Assistant Professor (CF)	M.P.T.(Musculoskeletal)	09 yr
12	Dr.Mamta Boora,PT	Assistant Professor (CF)	M.P.T.(Neuro)	8yrs+5 months
13	Dr.Jyoti,PT	Assistant Professor (CF)	M.P.T.(Musculoskeletal)	05 yr
14	Dr. Meenakshi Bagri,PT	Assistant Professor (CF)	M.P.T.(Cardio)	06 yr
15	Dr. Alka	Assistant Professor (CF)	M.P.T.(Musculoskeletal)	08 yr
16	Dr.Charu	Assistant Professor (CF)	M.P.T.(Neuro)	05 yr
17	Dr.Usha	Assistant Professor (CF)	M.P.T.(Sports)	04 yr+6 months

Annexure-B**List of Registered Ph.D Scholars**

Sr. No.	Registration No.	Name of Scholar	Name of Supervisor
1	19017009003	Ms. Neeraj	Dr. Jaspreet Kaur
2	190170090101	Ms. Usha	Dr. Shabnam Joshi
3	190170090102	Ms. Sujata Sharma	Dr. Shabnam Joshi
4	190170090107	Ms. Mamta Boora	Dr. Jaspreet Kaur
5	190170090104	Mr. Nitin Kumar Indora	Dr. Manoj Kumar
6	190170090108	Ms. Jyoti	Dr. Shabnam Joshi
7	190170090105	Ms. Meenu	Dr. Jaspreet Kaur
8	190170090106	Ms. Pinky	Dr. Jaspreet Kaur
9	200170090101	Ms. Ritu Tomer	Dr. Manoj Kumar
10	200170090102	Ms. Meenakshi Bagri	Dr. Shabnam Joshi
11	200170090103	Ms. Savita Mandhar	Dr. Manoj Kumar
12	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

List of Ph.D Completed Research Scholars:

Sr. No.	Name	Regn. No.	Name of Supervisor/Co-Supervisor	Topic	Date of Award of Degree
1	Dr. Manoj Malik	14179001	Dr. S.K. Singh/Dr. Narkeesh Arumugam	Efficacy of Transcranial Direct Current Stimulation and Cognitive Behavioural Therapy in Management of Migraine:A Randomized Controlled Trial	06.12.2018
2	Dr. Jaspreet Kaur	14179003	Dr. S.K. Singh/Dr. Jaspreet Singh Vij	Optimization of Exercise Protocols in Mangement of Neurological Disorders Associated with Diabetes Mellitus	02.01.2019
3	Dr. Alka Pawalia	16179001	Dr. Kulandaivelan S	Effectiveness of Behavioural intervention on Pregnancy outcomesand post partum weight retention in women to prevent central obesity after pregnancy	27.03.2019
4	Ms. Shabnam Joshi	14179002	Prof. Neeru Vashudeva/Dr. Jaspreet Singh Vij	Efficacy of Retrowalking and Topical Nanogel Formulation: Randomized Trials in Management of Knee Osteoarthritis	20.08.2019
5	Ms. Sonu Punia	16179002	Dr. Kulandaivelan S	Comparison of Different Types of Exercise Training on Resting Blood Pressure in 30-45 years old adults	13.10.2020
6	Dr. Kalindi	15179001	Dr. Sumitra Singh	Effects of Neuromuscular Electrical Stimulation in Patients with Chronic Obstructive Pulmonary Disease.	24.05.2021
7	Ms. Rekha Chaturvedi	17179001	Dr. Shabnam Joshi	Effect of combination of Transcranial direct current stimulation and TENS on short and long term Pain and functional outcomes in OA Knee patients	27.05.2022
8	Ms. Monika Rani	180170090002	Dr. Jaspreet Kaur	Effectiveness of mobilization and postural correction in management of Cervicogenic Headache	29.07.2022
9	Ms. Minaxi Saini	180170090003	Dr. Jaspreet kaur	Effect of talk test based aerobic exercise on anthropometric measures, glycemic control, pulmonary functions and quality of life among patients with type 2 Diabetes Mellitus	20.01.2023
10	Ms. Vandana Rani	18070090001	Dr. Shabnam Joshi	Effectiveness of pedometer and mobile texts on physical activity, weight related parameters and pregnancy-related complications in pregnant women	25.04.2023
11	Mr. Varun Singh	19070090002	Dr. Manoj Malik	Efficacy of Manual Therapy Interventions in Management of Lumbar Prolapssd Intervertebral Disc: A Randomized Controlled Trial	25.04.2023

12	Ms. Charu Gera	190170090001	Dr. Manoj Malik	Efficacy of Spinal Manipulations on Spinal Alignment, Cardio pulmonary and Psychological Parameters in Functional Scoliosis: A Randomized Controlled Trial	27.07.2023
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List of Ph.D Ongoing Research Scholars:

Sr. No.	Registration No.	Name of Scholar	Name of Supervisor	Title of Study	Date of Registration
1	180170090001	Ms. Vandana Rani	Dr. Shabnam Joshi	Effectiveness of pedometer and mobile texts on physical activity, weight related parameters and pregnancy – related complications in pregnant women	2.11.2018
2	180170090002	Ms. Monika Rani	Dr. Jaspreet Kaur	Effectiveness of mobilization and postural correction in management of Cervicogenic Headache	2.11.2018
3	180170090003	Ms. Minaxi Saini	Dr. Jaspreet Kaur	Effect of talk test based aerobic exercise on anthropometric measures, glycemic control, pulmonary functions and quality of life among patients with type 2 Diabetes Mellitus	2.11.2018
4	190170090001	Ms. Charu Gera	Dr. Manoj Malik	Efficacy of Spinal Manipulations on Spinal Alignment, Cardiopulmonary and Psychological Parameters in Functional Scoliosis: A Randomized Controlled Trial	25.10.2019
5	190170090002	Mr. Varun Singh	Dr. Manoj Malik	Efficacy of Manual Therapy Interventions in Management of Lumbar Prolapsed Intervertebral Disc: A Randomized Controlled Trial	25.10.2019
6	190170090003	Ms. Neerja	Dr. Jaspreet Kaur	Effect of Foot Exercises on Hal lux Grip Force, Postural Stability and Muscle Activity in Patients with Diabetes Mellitus: A Randomized Controlled Trial	25.10.2019
7	190170090101	Ms. Usha	Dr. shabnam Joshi	Effectiveness of Feedback Respiratory Exercises and Myofascial Release in Forward Head Posture	04.01.2021
8	190170090102	Ms. Sujata Sharma	Dr. shabnam Joshi	Efficacy of Pulsed Electromagnetic Field and Retrowalking in Patients with Chronic Low Back pain	04.01.2021
9	190170090107	Ms. Mamta Boora	Dr. Jaspreet Kaur	Effectiveness of Upper Limb Training Protocols on Neuromuscular Parameters and Functional Disability in Patients with Type 2 Diabetes Mellitus	04.01.2021

10	190170090104	Mr. Nitin Kumar Indora	Dr. Manoj Malik	Efficacy of Exercise Protocols on Performance of Badminton Players	04.01.2021
11	190170090108	Ms. Jyoti	Dr. shabnam Joshi	Effect of Neuromuscular Exercises and Neuromuscular Electrical Stimulation in Patients with Knee Osteoarthritis	04.01.2021
12	190170090105	Ms. Meenu	Dr. Jaspreet kaur	Optimization and efficacy of exercise protocols patients suffering from stroke: A randomized controlled trial	13.07.2021
13	200170090101	Ms. Ritu Toner	Dr. Manoj Malik	Efficacy of Transcranial Direct Current Stimulation and Sensorimotor Training on Balance and Gait in Stroke Patients: A Randomized Controlled Trial	18.01.2022
14	200170090102	Ms. Minakshi Bagri	Dr. Shabnam Joshi	Effect of Transcranial Direct Current Stimulation and Vestibular Rehabilitation in Patients with Benign Paroxysmal Positional Vertigo	18.01.2022
15	200170090103	Ms. Savita Mandhar	Dr. Manoj Malik	Efficacy of Exercise Protocols on Pulmonary Functions, Functional Capacity and Quality of Life in patients recovered from COVID19	13.07.2021

Dr. Shabnam Joshi

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Dr. Jaspreet Kaur

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Dr. Manoj Malik

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Dr. Kalindi

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Dr. Sujata Sharma

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Dr. Sonu Punia

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Dr. Vandana Rani

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Dr. Varun Poonia

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Dr. Mamta Boora

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Dr. Jyoti

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Dr. Alka Pawalia

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Dr.Charu Gera

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Dr. Usha

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Annexure –D

Dr. Shabnam Joshi

- Attended National Conference on Women's Health Rehabilitation on 05.02.2023 at Artemis Hospital, Gurugram
- Attended "Physio Connect 3" National Conference held at Manav Rachna International Institute of Research and Studies, Faridabad on 19th February, 2023.

Dr. Jaspreet Kaur

- Attended 1st international advances in physiotherapy and rehabilitation conference: AIPR, Chitkara university, 16-17 november, 2022.
- Attended 1st international osteopathy & manual therapy conference, 2022, organised by academy of exercise health and therapy in association with osteopro- Italian at New Delhi.

Dr. Manoj Malik

- Attended and Paper (Platform) Presentation on the topic "Efficacy of Postural correction exercises in patients with thoracic Kyphosis: A Review" in National level Physiotherapy Conference on the theme 'Scope of interdisciplinary research in physiotherapy profession' on 14th May, 2023 organized by Artemis Hospital and MVN University.
- Attended and Paper (Platform) Presentation on the topic "Efficacy of Postural correction exercises in patients with thoracic Kyphosis: A Review" in National level Physiotherapy Conference on the theme 'Scope of interdisciplinary research in physiotherapy profession' on 14th May, 2023 organized by Artemis Hospital and MVN University.
- Attended and Paper (Platform) Presentation on the topic "Effect of transcranial direct current stimulation on lower limb function in stroke patients: A Review" in National level Physiotherapy Conference on the theme 'Scope of interdisciplinary research in physiotherapy profession' on 14th May, 2023 organized by Artemis Hospital and MVN University.
- Attended and Paper (Platform) Presentation on the topic "Sensorimotor training on balance: An overview" in international level Physiotherapy Conference held on 19th Feb, 2023 organized by Manav Rachna international institute of research and studies, Faridabad.

Dr. Kalindi

- Attended and presented a paper in Physio connect 3 International conference on "Effect of Kegel's and core strengthening exercises in erectile dysfunction" held on 19th Feb. 2023, at Manav Rachna International Institute of Research and Studies, Faridabad, Haryana.

Dr. Rekha Chaturvedi

- Attended Physio –Harcon-2022 4th International Conference 18/12/2022.
- Attended International Conference Physio Connect-3 held at Manav Rachna International Institute of research and Studies, Faridabaad on 19 February ,2023.

Dr. Sujata Sharama

- Attended, paper presented and won IInd Prize in Physio –Harcon-2022 4th International Conference 18/12/2022.

Dr. Sonu Punia

- Paper presented in National conference entitled "Effect of Postural correction exercise in patients with thoracic kyphosis: A systematic review" at "Scope of

Interdisciplinary Research in Physiotherapy Profession:-Post COVID Era” on 14th May, 2023 organized by Physio Bharat Summit, 2023 at Artemis Hospital Gurugram, Haryana.

- Paper presented in International conference on “Emerging trends in Pharmacotherapy & Health Technology (ICETPHT-2023)” entitled “Impact of single session of Epley's maneuver combined with habituation exercise on QOL in patient's of BPPV” on 25th & 26th May, 2023 organized by Faculty of Pharmaceutical Science & Faculty of Physiotherapy & Diagnostics, Jyoti Vidyapeeth Women's University, Jaipur (Rajasthan), India.
- Paper presented in International conference on “Emerging trends in Pharmacotherapy & Health Technology (ICETPHT-2023)” entitled “Effect of peroneal nerve electrical stimulation with weight shifting exercises versus PNF in foot drop with chronic stroke: RCT” on 25th & 26th May, 2023 organized by Faculty of Pharmaceutical Science & Faculty of Physiotherapy & Diagnostics, Jyoti Vidyapeeth Women's University, Jaipur (Rajasthan), India.
- Paper presented in International conference on “Emerging trends in Pharmacotherapy & Health Technology (ICETPHT-2023)” entitled “Effect of Lumbopelvic Correction on Tibial Nerve Conduction Velocity in Healthy Individuals: RCT” on 25th & 26th May, 2023 organized by Faculty of Pharmaceutical Science & Faculty of Physiotherapy & Diagnostics, Jyoti Vidyapeeth Women's University,

Dr. Vandana Yadav

- Attended International Conference Physio Connect-3 held at Manav Rachna International Institute of research and Studies, Faridabad on 19 February, 2023.

Dr. Varun Poonia

- Paper presented in International conference on “Emerging trends in Pharmacotherapy & Health Technology (ICETPHT-2023)” entitled “Efficacy of Instrument assisted Soft Tissue Mobilization on Pain, Foot Function and Ankle Dorsiflexion in Patients with Plantar fasciitis: A Case Report on 25th & 26th May, 2023 organized by Faculty of Pharmaceutical Science & Faculty of Physiotherapy & Diagnostics, Jyoti Vidyapeeth Women's University, Jaipur (Rajasthan), India.

Dr. Mamta Boora

- Presented scientific paper in international conference titled Emerging Trends in Pharmacology & Health Technology (ICETPHT- 2023) organized by Jayoti Vidyapeeth Women's University, Jaipur on 24 th to 25 th May, 2023.
- Presented scientific paper in Physio Harcon 2022 on 18 th December 2022 at Delhi Pharmaceutical Sciences & Research University, New Delhi.
- Presented a paper in REACH 2022 held on 22 nd – 23 rd August 2022 at GD Goenka University, Gurugram, India.
- Attended One day seminar on “Research Ideas Toward Patents” on 07.02.2023 organised by GJUS&T, Hisar.

Dr. Jyoti

- Attended and paper presented and won Ist Prize in Physio –Harcon-2022 4th International Conference 18/12/2022.

Dr. Meenakshi Bagri

- Attended Physio –Harcon-2022 4th International Conference 18/12/2022.

Dr. Alka Pawalia.

- Attended “Financial Awareness Program” conducted by “Centre for Investment Education and Learning” on 24.02.2023 at GJUS&T, Hisar.

Dr. Charu Gera

- Presented a paper on “Efficacy of Spinal manipulation techniques on spinal alignment in patients with functional scoliosis: A randomised controlled pilot trial” in 1st International Osteopathy & Manual Therapy Conference organised by Academy of Exercise Health and Therapy in association with Osteopro-Italian Association of Professional Osteopath held at New Delhi on 20.11.2022.
- Attended “Financial Awareness Program” conducted by “Centre for Investment Education and Learning” on 25.02.2023 at GJUS&T, Hisar.
- Participated in “IP Awareness/Training Program” under National Intellectual Property Awareness Mission on 07.02.2023 organized by Intellectual Property Office, India.

Dr. Usha

- Attended One day seminar on “Research Ideas Toward Patents” on 07.02.2023 organised by GJUS&T, Hisar.
- Attended “Financial Awareness Program” conducted by “Centre for Investment Education and Learning” on 24.02.2023 at GJUS&T, Hisar.
- Participated in “IP Awareness/Training Program” under National Intellectual Property Awareness Mission on 07.02.2023 organized by Intellectual Property Office, India.
- Attended webinar on “Plantar Pressure Mapping in Power & Strength-Based Sports: How to Access Acceleration with XSENSOR’s Intelligent Insoles” on 29.03.2023 organized by Galore Systems at Rehab India 2022.

Annexure-E**Membership of Professional Bodies**

Sr. No.	Name	Designation	Registration in Haryana State Council For Physiotherapy (HSCP)	Registration in Indian Association Of Physiotherapist (IAP)
1	Dr. Shabnam Joshi	Associate Professor	HSCP/PT/2021/0061	L- 15591
2	Dr. Jaspreet Kaur	Associate 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 (CF)	HSCP/PT/2021/0024	L-22110
7	Dr. Sujata Sharma, PT	Assistant Professor (CF)	HSCP/PT/2021/0312	-
8	Dr. Rekha Chaturvedi	Assistant Professor (CF)	HSCP/PT/2021/0291	-
9	Dr. Vandana Rani, PT	Assistant Professor (CF)	HSCP/PT/2022/1022	-
10	Dr. Varun Singh, PT	Assistant Professor (CF)	HSCP/PT/2021/0023	LA/39690
11	Dr. Mamta Boora, PT	Assistant Professor (CF)	HSCP/PT/2021/0622	-
12	Dr. Jyoti, PT	Assistant Professor (CF)	HSCP/PT/2021/0299	-
13	Dr. Meenakshi Bagri, PT	Assistant Professor (CF)	HSCP/PT/2021/0214	35034
14	Dr. Alka	Assistant Professor (CF)	HSCP/PT/2021/0685	-
15	Dr. Charu	Assistant Professor (CF)	HSCP/PT/2021/0344	-
16	Dr. Usha	Assistant Professor (CF)	HSCP/PT/2022/1052	-

Association with National and State Level Bodies**Membership of Expert Committees : NIL****Member of Academic Bodies of Other Institutions****1. Dr. Shabnam Joshi**

- Chairperson, Ethical/Research Committee of Gurugram University, Gurugram

2. 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)

Any other

Dr. Shabnam Joshi

- Session chaired and member of scientific committee in National Conference on Women's Health Rehabilitation on 05.02.2023 at Artemis Hospital, Gurugram.

Dr. Jaspreet Kaur

- Delivered a lecture on "Impact of cancer stages and types of treatment in cancer patients" in 1st international advances in physiotherapy and rehabilitation conference: AIPR, Chitkara university, 16-17 november, 2022.
- Delivered a lecture on "Neurological conditions caused by COVID 19-A systematic review" in 1st international osteopathy & manual therapy conference, 2022, organised by academy of exercise health and therapy in association with osteopro- Italian at New Delhi.
- Delivered a lecture on "Effect of different exercise on archery performance- a systematic review" Unravel the new horizon of physiotherapy in India:- post Covidera in Physiobharat on 19 June 2022, organised by Artemis hospital, Gurugram.
- Delivered a lecture on "Impact of exercise protocol through telerehabilitation in post covid patients" Unravel the new horizon of physiotherapy in India:- post covidera in Physiobharat on 19 June 2022, organised by Artemis hospital, Gurugram.
- Delivered a lecture on "Stress and its management : a literature review" in HSB 14th annual national conference on business management , February 10-11 2022, organised by Haryana school of business, GJUS&T, Hisar.
- Delivered a lecture on "Anatomical chains and their effect on lower limb" in E-Induction Programme- DEEKSHARAMBH, organised by college of physiotherapy, Pt.B.D.Sharma university of health sciences, Rohtak on 23 april 2022.
- Delivered a lecture on "Disentangling the intricacies of Knee Joint" in Physio Bharat 2022, the National physiotherapy conference on the theme Unravel the new horizon of physiotherapy in India:- Post Covid Era on 19 june 2022.

Dr. Manoj Malik

- Delivered lecture on "Implications of Kinetic Chain in Rehabilitation" in the 1st Physio Colloquium 2023 organized by Department of Physiotherapy, Jagannath University, Jaipur from 17/6/23 to 18/6/23.
- Chaired Session in the 1st Physio Colloquium 2023 organized by Department of Physiotherapy, Jagannath University, Jaipur from 17/6/23 to 18/6/23.
- Delivered lecture on "" in National level Physiotherapy Conference on the theme 'Scope of interdisciplinary research in physiotherapy profession' on 14th May ,2023 organized by Artemis Hospital and MVN University.

Dr. Sonu Punia

- Invited speaker on topic "Role of Physiotherapy in Woman Health during Pregnancy" at International conference on "Emerging trends in Pharmacotherapy & Health Technology (ICETPHT-2023)" on 25th & 26th May, 2023 organized by Faculty of Pharmaceutical Science & Faculty of Physiotherapy & Diagnostics, Jyoti Vidyapeeth Women's University, Jaipur (Rajasthan), India.

Dr. Alka Pawalia

- Delivered a lecture (online mode) on World Physiotherapy Day, 08.09.2022 at Jammu College of Physiotherapy, Jammu.
- Session chaired and member of scientific committee in National Conference on Women's Health Rehabilitation on 05.02.2023 at Artemis Hospital, Gurugram.

Annexure-G**Additional Duties Performed/Positions held in the University**

Sr. No.	Name of Faculty	Additional Positions	Duration From To
1.	Dr. Shabnam Joshi	Chairperson, Department of Physiotherapy GJUS&T	27/01/2021 Till Date
2.	Dr. Manoj Malik	Member of Academic Council, GJUS&T	03/03/2021 (For 2 Years)
3.	Dr. Kalindi	Member of Faculty of Medical Sciences, GJUS&T	26/08/20 (For 2 Years)

Annexure-H**List of Bachelor of Physiotherapy (BPT)**

Sr. No.	Roll No.	Name	Placement
1	180171710010	Sudha	Placed at Clinical Investigator Optum UHG, Gurugram
2	180171710013	Chaman Dahiya	Working as Physiotherapist at Painflame Clinic, Gurugram
3	180171710019	Monika	Working as Physiotherapist at Osteogood Physiotherapy Clinic, Delhi
4	180171710022	Megha	Working as Physiotherapist at Care Hospital , Mandi Adampur
5	180171710023	Sahil Mittal	Working as Physiotherapist at SMC Hospital, Uklana
6	180171710024	Khushboo	Working as Physiotherapist at Ivy Hospital, Mohali
7	180171710029	Sachin	Personal Physiotherapist (Javelin Thrower Sahil Silwal) by Kreedha Sports Sector Company
8	180171710032	Gourav Jangra	Own physiotherapy clinic, Panipat
9	180171710035	Ankit Kumar	Working as Physiotherapist at Sampurna Physiotherapy Clinic
10	180171710037	Anand Singh Yadav	Working as Physiotherapist at Excellence Physiotherapy, Chiopractic & Sports Injury Clinic, Gurugram
11	180171710043	Aarti	Working as Physiotherapist at Nurturing Paths Clinic , Gurugram
12	180171710045	Ritu Rani	Working as Physiotherapist at SMC Hospital , Uklana
13	180171710048	Kusum Sharma	Working as Clinical Investigator at Optum by United Health Group Noida
14	180171710049	Sonu	Working as Physiotherapist at Asha Special School, Army Cantt, Hisar

List of Master of Physiotherapy (MPT)

Sr. No.	Roll No.	Name	Placement
1	200171720002	Anubhuti	Working as Assistant Professor in MGM School of Physiotherapy, Navi Mumbai
2	200171720007	Vandana	Working as a Physiotherapist at Prognosis clinic, Gurgaon
3	200171720009	Shubham	Own physiotherapy clinic, Hisar.
4	200171720010	Sudesh	Working as Physiotherapist at Shanti Devi Hospital, Hisar
5	200171730006	Parul	Shiv shakti chartiable trust, Kurukshetra
6	200171730007	Prachi Berwal	Assistant Professor, Department of Physiotherapy Jagannath University, Sitapura, Jaipur, Rajasthan
7	200171740004	Manisha lamba	IEC university Baddi, Himachal Pradesh
8	200171740005	Nidhi Rathi	Working in Max hospital Saket , Delhi
9	200171740009	Kanika	Own physiotherapy clinic ,Hisar.
10	200171760004	Nisha	Working in kalyani hospital Gurgaon
11	200171760006	Tamanna	Physiotherapist in Narayan Sewa Sansthan, Kaithal

List of M.Sc. Yoga Science and Therapy (M.Sc. YST)

Sr. No.	Roll No.	Name	Placement
1	200171780010	Deepak	Instructor, ITI Balsamand (Hisar)
2	200171780011	Jyoti	Yoga Teacher, Kendriya Vidyalaya Hisar Cant (Hisar)
3	200171780017	Munish Duhan	LDC, Irrigation Department Haryana
4	200171780020	Parveen	Yoga Teacher, D.M. Haryana Sr. Sec. School, Barwala (Hisari)
5	200171780021	Parveen Bishnoi	Yoga Teacher, Kalpana Chawala College of Education Chikanwas (Hisar)
6	200171780022	Pooja	Yoga Teacher, Tagore Sr. Sec. School, Barwa(Bhiwani)
7	200171780028	Promila	Yoga Instructor, Muscat (Oman)
8	200171780032	Rahul	Yoga Sahayak, Ayush Hisar
9	200171780041	Sunil	Owner and Yoga Therapist Shri Krishna Yoga Therapy Centre, Jind

Diploma in Yoga Science and Therapy (PGDYST)

S. No.	Roll No.	Name	Placement
1	210171770027	Rajesh	Yoga Therapist, Yoga Therapy Centre, Rawalwas Kalan (Hisar)

Annexure –I

Dr. Shabnam Joshi

- Awarded “**Guru Drona Physio Award**” at “Physio Connect 3” National Conference held at Manav Rachna International Institute of Research and Studies, Faridabad on 19th February, 2023.

Dr. Rekha Chaturvedi

- Awarded “**BEST ACADEMICIAN AWARD**”(Senior) at International Conference Physio Connect-3 held at Manav Rachna International Institute of research and Studies, Faridabad on 19 February ,2023.

Dr. Sujata Sharma

- **Won IInd Prize** in paper presentation in Physio –Harcon-2022 4th International Conference 18/12/2022.

Dr. Sonu Punia

- Awarded “**Certificate of Appreciation: Academic Eminence Award**” for excellent contribution in the field of Physiotherapy, at Physio Connect 3 international conference held at Manav Rachna International Institute of Research and Studies, Faridabad on 19th Feb, 2023.

Dr. Vandana Yadav

- Awarded “**Academic Eminence Award**” International Conference Physio Connect-3 held at Manav Rachna International Institute of research and Studies ,Faridabaad on 19 February ,2023.

Dr. Jyoti

- **Won Ist Prize** in paper presentation Physio –Harcon-2022 4th International Conference 18/12/2022.
- Awarded “**Academic Excellence Award**” Physio –Harcon-2022 4th International Conference 18/12/2022.

DEPARTMENT OF PRINTING TECHNOLOGY

- (I) **Name** : 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.	----	14
P.G	20	7+5=12
U.G	60+30	264+73=337

(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	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	5

(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

(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
14	01	-----	-----

(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	
	45	03			

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

a) Books/Book Chapters/ Monograph etc. Nil

b) Research Papers/ Articles in Journals

Sr. No	Authors	Year	Title of paper	Name of journal	Vol. & No.	Pages	SCI/ Scopus (Y/N)	Impact Factor Thomson Reuter
1	Sh. Anjan Kumar Baral	Nov 2022	Comparative study of different Inkjet Printhead performance in context to Dot Gain on gloss Coated surface using Taguchi's Grey Relational Analysis	Neuro Quantology	Vol. 20 Issue 18	545-559	YES	
2	Sh. Anjan Kumar Baral	Nov 2022	Analysis of The Various Factors Shaping the Present and Future of the Package Printing Industry in India: Challenges, Opportunities, and Strategies for Success in the Marketplace	JOURNAL OF NORTHEASTERN UNIVERSITY (ISSN: 1005-3026).	Volume 25 Issue 04	5104-5114	YES	
3	Sh. Anjan Kumar Baral	2022	Role and Importance of Print Density in Continuous Inkjet (CIJ) & Drop-On-Demand (PIJ) Inkjet Print Engines	JOURNAL OF NORTHEASTERN UNIVERSITY (ISSN: 1005-	Volume 25 Issue 04,	1875-1879	YES	

			and Identification of Various Factors to Optimize Ink Density”	3026).				
4	Sh. Anjan Kumar Baral	Dec 2022	Exploring Various Possibilities for Enhancing the CMYK Primaries of Different Digital Printing Presses with Reference to non-ISO Cellulosic Printing Substrates”,	Neuro Quantology	Volume 20, Issue	3087-3093	YES	
5	Sh. Anjan Kumar Baral	2022	“Effect of Printing Substrates Surface Characteristics on Print Quality (Print Contrast) in Continuous Inkjet and Drop-On-Demand (Piezoelectric) Inkjet Print Engines”,	JOURNAL OF NORTHEASTERN UNIVERSITY (ISSN: 1005-3026).	Volume 25 Issue 04	1880-1885	YES	
6	Sh. Anjan Kumar Baral	2022	“Correlation of Various Attributes of Print Substrates and Dry Electrophotographic (DEP) Print Engines for Possible Reduction of Print Defects with Special Reference to Substrate Runnability”,	JOURNAL OF NORTHEASTERN UNIVERSITY (ISSN: 1005-3026).	Volume 25 Issue 04	709-714	YES	
7	Sh. Anjan Kumar Baral	2022	Optimization of Colour Gamut in Various Electrophotographic Presses (Dry Toner) While Printing on Different Cellulosic Substrates”	JOURNAL OF NORTHEASTERN UNIVERSITY (ISSN: 1005-3026).	Volume 25, Issue 04	703-708	YES	
8	Sh. Anjan Kumar Baral	2022	“A Review of Various Print Quality Related Factors in Drop-On-Demand (DOD) and Continuous Inkjet (CIJ) Printing”,	International Journal of Statistics and Reliability Engineering	Vol. 9(3),	541-548		
9	Sh. Anjan Kumar Baral	2022	“Study of Surface Characteristics of Coated and Uncoated Paper Substrates and Their Impact on Ink Drying Ability and Runnability in Inkjet Print Engines (PIJ, TIJ)”	JOURNAL OF NORTHEASTERN UNIVERSITY (ISSN: 1005-3026).	Volume 25, Issue 04	5023-5034	YES	
10	Sh. Anjan Kumar Baral	2023	“Deformation of Dots on Flexography Plates and its Impact on Final Print Quality”,	Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422.	Volume-57, No.1(IV)	28-34		
11	Sh. Anjan Kumar Baral	March (2023)	“Critical Analysis of Print Quality Factors (SID, TVI & PC) in Production Inkjet Presses (CIJ &PIJ) and Correlating them with Different Substrate for Achieving the Target Values”	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1108-1118	YES	
12	Sh. Anjan Kumar Baral	March (2023)	“Identification and Critical Analysis of Various Components of Press Set-Up Time in Sheet Fed Offset Presses with Different Levels of Automation and Their Possible Impact on Print Productivity & Resource Savings”	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1128-1138	YES	

13	Sh. Anjan Kumar Baral	March (2023)	“Various Factors Relating to Press Preparation Time in Multi-Colour Sheet Fed Offset Presses with Different Levels of Automation and Its Possible Impact on Press Print Productivity”	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1083-1092	YES	
14	Sh. Anjan Kumar Baral	March (2023)	“Exploring the Print Quality Related Problems in Digital Printing Presses (DEP) in Relation to Various Characteristics of Printing Substrates”,	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1119-1127	YES	
15	Sh. Anjan Kumar Baral	2023	“Critical Analysis of Printability of Different Types of Paper Substrates while printed with Piezoelectric and Thermal Inkjet Presses”,	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	12 (Issue 8),	1617-1634	YES	
16	Sh. Anjan Kumar Baral	March (2023)	“Comparative Study and Critical Analysis of Print Sharpness and Print Consistency in Continuous Inkjet (CIJ) and DoD Inkjet (PIJ, TIJ) through Standard Observer Method”,	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1326-1339	YES	
17	Sh. Anjan Kumar Baral	March (2023)	“Unravelling the Tapestry of Growth: An Analysis of the Factors Influencing Consumer Trends, Technological Advancements, Government Initiatives, and Globalization in the Label Printing Industry in India”,	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1534-1544	YES	
18	Sh. Anjan Kumar Baral	March (2023)	“Critical Analysis of Various Components of Colour Gamut of Liquid Toner Based Digital Printing Machine”,	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1150-1150	YES	
19	Sh. Anjan Kumar Baral	June 2023	Taguchi’s Grey relationship analysis for comparing the performance of various ink printhead for tone value increase on uncoated paper substrate.	IJRITCC	Vol. 11 Issue 5	432-439	YES	
20	Sh. Anjan Kumar Baral	2023,	“Comparative Analysis of Dot Gain in Continuous Inkjet and Drop-On-Demand (Piezoelectric) Printing Systems on Uncoated, Matte Coated and Gloss Coated Paper Stocks”,	Eur. Chem. Bull. (ISSN: 2063-5346).	12 Special Issue 4)	19430–19439	YES	3.71
21	Sh. Anjan Kumar Baral	2023,	“Factors Contributing for Optimizing Solid Ink Density (SID) in Inkjet Presses with Relation to Strength & Surface Properties”,	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	19422–19429	YES	3.71
22	Sh. Anjan Kumar Baral	2023,	“A Survey of Printability Related Issues in Dry Toner Based Digital Print Engines”,	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	19448–19454	YES	3.71

23	Sh. Anjan Kumar Baral	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)”,	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	19440–19447	YES	3.71
24	Sh. Anjan Kumar Baral	2023,	“Minimizing the Paper Wastage in Multi-colour Sheet-Fed Offset Printing Presses through Use of Varying Degrees of Press Automation”,	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	19455–19468	YES	3.71
25	Sh. Pankaj Kumar	2023	“Study of Printability of Bio-based Plastic in Gravure Printing”, European Chemical Bulletin	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	13399-13405	YES	3.71
26	Sh. Pankaj Kumar	2023	“Comparative analysis of Solid Ink Density on Conventional and Bio-based plastics using Gravure Process”, European Chemical Bulletin,	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	13473-13480	YES	3.71
27	Mrs. Vandana	Dec. 2022	Comparative Analysis of Dot Gain of Hybrid Modulated (XM) & Digitally Modulated (DM) Screening on Different Grades of Paper”	Journal of Northeastern University ISSN:1005-3026)		1005-3026	YES	
28	Mrs. Vandana	Dec. 2022	“Comparative Analysis of Dot Gain of Amplitude Modulated (AM), Frequency Modulated (FM), Hybrid Modulated (XM) and Digitally Modulated (DM) Screening of Multicolor Offset Printing Process”	Industrial Engineering Journal, ISSN:0970-2555)		0970-2555	NO	
29	Sh. Mohit Kumar	June 2023	Optimum consumption of different printing substrates for gravure printing process.				NO	
30	Sh. Mohit Kumar	March 2023	Unravelling the tapestry of growth: An analysis of the factors influencing consumer trends, Technological advancement, Government initiatives, and globalization in the label printing industry in India.	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSITY (ISSN: 0258-2724).	Vol 58, No 1	1534-1544	YES	
31	Sh. Sanjeev Kumar	Nov 2022	Comparative study of different Inkjet Printhead performance in context to Dot Gain on gloss Coated surface using Taguchi’s Grey Relational Analysis.	Neuro Quantology	Vol. 20 Issue 18	545-559	YES	
32	Sh. Sanjeev Kumar	June 2023	Taguchi’s Grey relationship analysis for comparing the performance of various ink printhead for tone value increase on uncoated paper substrate.	IJRITCC	Vol. 11 Issue 5	432-439	YES	
33	Sh. Sanjeev Kumar	Dec. 2022	Grayness Comparison of UV and latex ink on vinyl substrate printed by large format printing(LFP)	IEEE Xplore			YES	

34	Sh. Bijender	2023	“Comparative Print Defects Analysis of Liquid Electro-Photography (LEP) and Dry Electrophotography (DEP) Presses on Cellulosic Substrates”	European Chemical Bulletin	Vol. 12 Issue 7		YES	3.71
35	Sh. Bijender	2023	Replacing Existing Packaging Materials with Mono-Material Polypropylene Based Packaging Substitutes	European Chemical Bulletin	Vol. 12 Issue 6		YES	3.71
36	Sh. Bijender	2023	Analysis of GSM Deviation on White-Opaque Poly & White-Special Opaque Poly Raw Materials”	European Chemical Bulletin	Vol. 12 Issue11		YES	3.71
37	Sh. Bijender	2023	Comparative Analysis of Machine Downtime for Biaxially Oriented Polypropylene Films during Manufacturing	European Chemical Bulletin	Vol. 12 Issue11		YES	3.71
38	Sh. Ankit	2023	Replacing Existing Packaging Materials with Mono-Material Polypropylene Based Packaging Substitutes	European Chemical Bulletin,	Vol. 12 Issue06		YES	3.71
39	Sh. Ankit	2023	Analysis of GSM Deviation on White-Opaque Poly & White-Special Opaque Poly Raw Materials-	European Chemical Bulletin	Vol. 12 Issue11		YES	3.71
40	Sh. Ankit	2023	Comparative Analysis of Machine Downtime for Biaxially Oriented Polypropylene Films during Manufacturing”.	European Chemical Bulletin	Vol. 12 Issue11		YES	3.71
41	Sh. Vikas Jangra	2023	“Hue difference on Super Print substrate: Study of various Digital Printing Methodologies”.	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	8662-8668	YES	3.71
42	Sh. Vikas Jangra	2023	“Evaluation of Print Consistency contemplating Colour differences (ΔE Value) and Ink Trapping on Matt Paper using different Digital Printing Methodologies”	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	11302-11316	YES	3.71
43	Sh. Ambrish Pandey	2023	“Study of Printability of Bio-based Plastic in Gravure Printing”	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	13399-13405	YES	3.71
44	Sh. Ambrish Pandey	2023	“Comparative analysis of Solid Ink Density on Conventional and Bio-based plastics using Gravure Process”	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	13473-13480	YES	3.71
45	Sh. Ambrish Pandey	Dec. 2022	Comparative Analysis of Dot Gain of Hybrid Modulated (XM) & Digitally Modulated (DM) Screening on Different Grades of Paper”	Journal of Northeastern University ISSN:1005-3026)		1005-3026	YES	
46	Sh. Ambrish Pandey	Dec.2022	“Comparative Analysis of Dot Gain of Amplitude Modulated (AM), Frequency Modulated (FM), Hybrid Modulated (XM) and Digitally Modulated (DM) Screening of Multicolour Offset Printing Process”	Industrial Engineering Journal, ISSN:0970-2555)		0970-2555	NO	

47	Sh. Ambrish Pandey	2023	"Hue difference on Super Print substrate: Study of various Digital Printing Methodologies",	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	8662-8668	YES	3.71
48	Sh. Ambrish Pandey	2023	"Evaluation of Print Consistency contemplating Colour differences (ΔE Value) and Ink Trapping on Matt Paper using different Digital Printing Methodologies"	Eur. Chem. Bull. (ISSN: 2063-5346).	12(Special Issue 4)	11302-11316	YES	3.71

(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,	--	--	--	03	04	07
Associate Professor	--	--	--	01	02	03
Assistant Professor	--	--	--	03	04	07

(b) International Conferences/ Seminars/ Workshops: 07

Name of the Faculty	Title of paper presented	Theme of conference/ Seminar/ workshop	Name of Host organization	Place	Dates/ Duration	Funded by UGC/DST / Univ./etc.
Sh. Sanjeev Kumar	"Critical Analysis of Print Quality Factors (Hue Error and Print Contrast) in Piezoelectric Inkjet Press on Matt Coated and Gloss Coated Cellulosic Substrates"	2nd International Conference on Advance Computing and Innovative Technologies in Engineering	2022, Galgotias College of Engineering & Technology	Greater Noida	April 28 & 29, 2022	
Sh. Ankit	"Comparative Analysis of Colour Gamut in Continuous Inkjet and Drop-on-Demand (Piezoelectric) Inkjet Presses"	International Conference on Innovation and Recent Trends in Science, Technology and Management	2022, NSSA College, Chandrapur.	Chandrapur	Aug. 30-31, 2022	
Sh. Bijender	A Survey of Runnability Related Problems in Dry Toner-based Digital Printing Presses",	International Conference	Innovation and Recent Trends in Science, Technology and Management 2022, NSSA College	Chandrapur	Aug. 30-31, 2022	
Sh. Pankaj Kumar	"Eco-friendly green initiative in Printing and Packaging Industry"	25th International Conference	(CONIAPS – XXV)' on Physical and Biological Sciences at Cross-roads	Department of Chemistry, GJUS&T, Hisar.	29th to 31st December, 2019	

Sh. Vikas Jangra	“Analyzing Ink Density behaviour on Matt Paper using different Digital Printing Methodologies”	International Conference on Advances in Engineering and Technology	(ICAET-2022 -Online)	Coimbatore , Tamil Nadu, India.	29 th & 30 th September 2022,	
Sh. Ambrish Pandey	“Eco-friendly green initiative in Printing and Packaging Industry”,	25th International Conference	(CONIAPS – XXV)’ on Physical and Biological Sciences at Cross-roads	Department of Chemistry, GJUS&T, Hisar.	29th to 31st December, 2019	
Sh. Ambrish Pandey	“Analyzing Ink Density behaviour on Matt Paper using different Digital Printing Methodologies”	International Conference on Advances in Engineering and Technology	(ICAET-2022 -Online)	Coimbatore , Tamil Nadu, India.	29 th & 30 th September 2022,	

(c) National Conferences/ Seminars/ Workshops: 10

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.
Sh. Bijender	“Print Quality Comparison of Coated and Uncoated Paper Stocks in Electro-photographic Presses 2022, University institute	National Conference	National Conference Emerging Trends in Engineering, Science & Management- of Engineering & Technology,	MDU, Rohtak		
Mrs. Vandana	Comparative Study of Print Contrast on Coated and Uncoated Paper Using Amplitude Modulated, Frequency Modulated, Hybrid Modulated and Digitally Modulated Screening in Offset Printing Process	National Conference	43rd world conference on applied science & Engineering Technology,	Padre Conceicao College Of Engineering		
Sh. Sanjeev Kumar	“Evaluation of See-Through on Different Types of Paper Stocks using Various Inkjet Printheads”	National Conference	National Conference on Recent Trends & Impact of Innovation on Printing & Packaging and Computer Technology	Om Sterling Global University, Hisar (Haryana).	Jan 22nd, 2023	
Sh. Pankaj Kumar	“Preparation of Test Chart for Printing on Nature Friendly Plastics”,	National Conference	AICTE Sponsored National Conference on ‘Emerging Trends in Engineering Science and Management	Department of Electrical Engineering, UIET, Maharshi Dayanand University (Rohtak),	26th& 27th Nov 2022	

Sh. Vikas Jangra	“Colour Quantification Approaches using various Colour Models”,	National Conference	AICTE Sponsored National Conference on ‘Emerging Trends in Engineering Science and Management	Department of Electrical Engineering, UIET, Maharshi Dayanand University (Rohtak),	26th& 27th Nov 2022	
Sh. Vikas Jangra	“Study of Colour differences (ΔE Value) exhibited by different Digital Printing Methodologies on Gloss Paper Substrate”,	National Conference	-do-	Department of Electrical Engineering, UIET, MDU (Rohtak),	26th& 27th Nov 2022	
Sh. Ambrish Pandey	“Colour Quantification Approaches using various Colour Models”,	National Conference	AICTE Sponsored National Conference on ‘Emerging Trends in Engineering Science and Management	Department of Electrical Engineering, UIET, Maharshi Dayanand University (Rohtak),	26th& 27th Nov 2022	
Sh. Ambrish Pandey	“Study of Colour differences (ΔE Value) exhibited by different Digital Printing Methodologies on Gloss Paper Substrate”,	National Conference	-do-	-do-	26th& 27th Nov 2022	
Sh. Ambrish Pandey	Comparative Study of Print Contrast on Coated and Uncoated Paper Using Amplitude Modulated, Frequency Modulated, Hybrid Modulated and Digitally Modulated Screening in Offset Printing Process	National Conference	43rd world conference on applied science & Engineering Technology,	Padre Conceicao College Of Engineering		
Sh. Ambrish Pandey	“Preparation of Test Chart for Printing on Nature Friendly Plastics”,	National Conference	AICTE Sponsored National Conference on ‘Emerging Trends in Engineering Science and Management	Department of Electrical Engineering, UIET, Maharshi Dayanand University (Rohtak),	26th& 27th Nov 2022	

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

(e) **Refresher Courses/ Orientation Courses: 02**

Name of Faculty	Title of Refresher Course	Host organization /University	Dept./HRDC	Place		Dates/ Duration
Sh.Ankit	Machine Learning for Internet of Things”	Department of Emerging Technology	Printing	GJUS&T	Hisar	15-20 May, 2023

Sh. Bijender	Participated in one-week online FDP on “Machine Learning for Internet of Things”	Department of Emerging Technology	Printing	Guru Jambheshwar University of Science & Technology, Hisar		15-20 May, 2023
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(f) National/International Webinars Attended: Nil

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

- i. Refresher Course : 02
- ii. Orientation Course : Nil
- iii. Webinar : Nil
- iv. Total : 02

(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	Sh. Pankaj Kumar, Associate Professor	Nodal Officer RTI Chairperson, Deptt. of Printing Technology	16.03.2021 to present
2	Sh. Sanjeev Kumar, Asstt. Professor	Nodal Officer, UGC-SGRC	22.04.2022 to Present
3	Sh. Mohit Kumar	Dy. Proctor cum CSO Co-ordinator, Youth Red Cross.	01.07.2022 to till 20.06.2023

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

Activity	No. of Students	No. of Companies *
Training		
Placement	54	10

- 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

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
48	03	45	3.71
Total Number of Papers Published in Conferences	Total published in Scopus/WOS indexed Conferences	Total published in non-indexed Conferences	-
17	01	16	-
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	Nil	Nil	-

Annexure-A**Placement Data**

Attached a list of companies alongwith number of students placed, dates of placement and average package.

List of students placed during the session 2022-23, upto 18.07.2023.

Sr. No.	Name of Organization	Student Name	Roll No.
1.	S.B. Packagings Pvt. Ltd.	MuditVerma	190030320024
2.	S.B. Packagings Pvt. Ltd.	Nikhil	190030320029
3.	S.B. Packagings Pvt. Ltd.	Parveen	190030320032
4.	S.B. Packagings Pvt. Ltd.	Pawan	190030320034
5.	S.B. Packagings Pvt. Ltd.	Shivambhargava	190030320049
6.	S.B. Packagings Pvt. Ltd.	Priyanshu Ravi Anand	190030349006
7.	S.B. Packagings Pvt. Ltd.	Shivam Sharma	190030349009
8.	S.B. Packagings Pvt. Ltd.	MayankVerma	190030320023
9.	S.B. Packagings Pvt. Ltd.	Ravinder	190030329005
10.	S.B. Packagings Pvt. Ltd.	Sahil Sharma	190030320047
11.	S.B. Packagings Pvt. Ltd.	Abhishek	190030320001
12.	Colorjet India Pvt. Ltd.	AniketVerma	190030320004
13.	Colorjet India Pvt. Ltd.	Manish Bairwa	190030320020
14.	Colorjet India Pvt. Ltd.	Pradeep Verma	190030320036
15.	Colorjet India Pvt. Ltd.	Girish Kumar Pandey	190030329001
16.	Colorjet India Pvt. Ltd.	Sunita Rani	190030329007
17.	Dheengra Plastic Pvt. Ltd.	Ravinder	190030320045
18.	Leap Digiprint	Praveen Sheoran	190030320038
19.	Konica Minolta India	Atul Sheoran	190030320007
20.	Konica Minolta India	Krishna Tewatia	190030320019
21.	Edelmann Packaging India Pvt. Ltd.	Annu	190030320006
22.	Edelmann Packaging India Pvt. Ltd.	Mulkraj	190030320026
23.	Edelmann Packaging India Pvt. Ltd.	Shubhamsaini	190030320050
24.	Edelmann Packaging India Pvt. Ltd.	Vikas	190030320054
25.	Edelmann Packaging India Pvt. Ltd.	VaishaliVerma	190030320052
26.	Spinks World	Manish Tuteja	190030320021
27.	Oji India Packaging Pvt. Ltd.	DeepanshuSaini	190030320012

28.	Oji India Packaging Pvt. Ltd.	Gaurav	190030320014
29.	Oji India Packaging Pvt. Ltd.	Pothunurinagaraju	190030349005
30.	Titan Biotech Pvt. Ltd.	Miryaladasakesari	190030349003
31.	Kumar Printers Pvt. Ltd.	Hari Singh	190030320015
32.	Kumar Printers Pvt. Ltd.	ParasKhattar	190030320031
33.	Kumar Printers Pvt. Ltd.	Hoshiyar Singh	190030320016
34.	Kumar Printers Pvt. Ltd.	Manoj Kumar	190030320022
35.	Kumar Printers Pvt. Ltd.	Vishal	190030320056
36.	Sakata Inx (India) Pvt. Ltd.	AnkitVerma	190030320005
37.	Sakata Inx (India) Pvt. Ltd.	Manish Tuteja	190030320021
38.	Sakata Inx (India) Pvt. Ltd.	MuditVerma	190030320024
39.	Sakata Inx (India) Pvt. Ltd.	ShivamBhargava	190030320049
40.	Yamir Packaging Pvt. Ltd.#	Preety Devi	190030320039
41.	Pearl Industries#	Ajay	190030320003
42.	Pearl Industries#	Manoj Kumar	190030320022
43.	Montech Systems Ltd.#	Prince Kunthal	190030329004
44.	Thompson Press, Faridabad	Mugdha Gupta	190030320025
45.	Thompson Press, Faridabad	Munish Kumar Nagil	190030320027
46.	Thompson Press, Faridabad	Krishna Tewatia	190030320019
47.	Thompson Press, Faridabad	Pawan Makkar	190030320033
48.	Parle Biscuits Pvt. Ltd.	Parveen	190030320032
49.	The Inks India	Parveen	190030320032
50.	Jainytic Packaging Pvt. Ltd.	Rashmi	190030320044
51.	Manohar Packaging Pvt. Ltd.	Vivek Chauhan	190030329008
52.	Manohar Packaging Pvt. Ltd.	Rakesh Sharma	190030320042
53.	Manohar Packaging Pvt. Ltd.	Chirag Sharma	190030320010
54.	Manohar Packaging Pvt. Ltd.	Salvinder	190030320048



**GURU JAMBHESHWAR UNIVERSITY OF
SCIENCE AND TECHNOLOGY, HISAR**



**PROPOSED UPCOMING PROGRAMMES / COURSES FOR THE
ACADEMIC SESSION 2024-25**

REGULAR MODE

- B.Tech. (Electronics & Computer Engg.)
- B.Tech. (Artificial Intelligence and Data Science)
- MBA (For Working Professionals)
- Integrated BBA (Hons./Hons. with Research) – MBA
- Integrated BCA-MCA
- Integrated B.Com. (Hons./Hons. with Research) – M.Com
- M.A. (Education)
- B.Sc. B.Ed. – 4 Year under ITEP
- B.A. B.Ed.
- B.A. LL.B. (Hons.) – 5 Year programme
- BBA Aviation
- B.Sc. Aviation
- B.Voc. Patient Care Management
- B.Voc. Critical Care Management
- B.Voc. Paramedical and Health Administration
- B.Voc. Cardiovascular Technology
- Bachelor in Medical Laboratory Technician
- Bachelor in Operation Theatre Technology
- B.Sc. Nursing
- Diploma in General Nursing and Midwifery
- Diploma in Auxiliary Nursing and Midwifery

ONLINE MODE

- Master of Computer Applications
- M.Sc. (Mathematics)
- M.A. (Mass Communication)
- M.Com.
- Diploma in Computer Applications
- Diploma in Data Science
- Diploma in Business Analytics
- Diploma in Banking and Finance
- Diploma in Supply Chain Analytics

CERTIFICATE COURSES

- Certificate in Information Technology (HS-CIT)
- Certificate in Advanced Accounting
- Certificate in AutoCAD
- Certificate in IT Desktop & Hardware Support
- Certificate in Office Assistance
- Certificate in Coral Draw
- Certificate in Graphic Designing
- Certificate in Video Editing
- Certificate in English Communication & Soft Skills
- Certificate in Financial Accounting
- Certificate in Advanced Excel
- Certificate in IT Network Support
- Certificate in IT Security Support
- Certificate in Photo Editing
- Certificate in Adobe (DTP)
- Certificate in Web Designing
- Certificate in C & C++ Programming