

Information Brochure

DOCTOR OF PHILOSOPHY

2023-24

Summer Term

For admission to Ph.D. Programmes



**Guru Jambheshwar University of Science &
Technology, Hisar-125001**

*(‘A+’ Grade NAAC Accredited State Govt. University)
(Established by State Legislature Act 17 of 1995)*

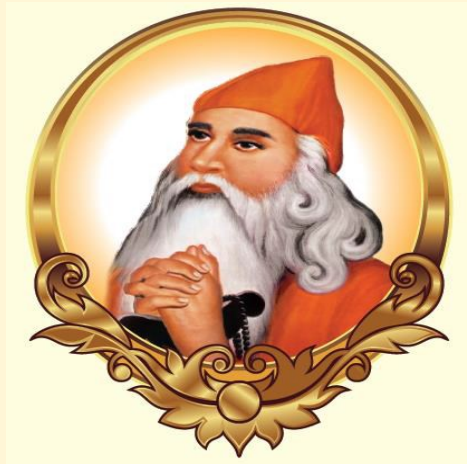
www.gjust.ac.in

IMPORTANT DATES FOR ADMISSION TO Ph.D. PROGRAMME FOR THE SESSION 2023-24 (SUMMER TERM) FOR CANDIDATES QUALIFYING FOR fellowship/scholarship i.e. JRF (valid) in UGC-NET/UGC-CSIR NET/DBT/DST/ICMR/ ASRB/GATE/GPAT(valid) and similar national level tests, UGC-National Fellowship for Schedule Caste/OBC students (NFSC/NFOBC)/HSCST-JRF (valid)

S. No.	Description	Date & Time
1.	Availability of Information Brochure- Ph.D. and online Application form (download from University website: www.gjust.ac.in)	28.07.2023
2.	Last date of submission of online application form and payment of fee through Net banking/Debit/Credit Card i) Submission of online application form fee ii) Submission of application form	11.08.2023 (upto 5:00 pm) (upto 12:00 midnight)
3.	Date of Interview before Admission Committee (Venue & Time: Department Concerned/School at 10:00 A.M.)	16.08.2023
4.	Display of Merit list on the University Website	18.08.2023
5.	Date of counselling for admission in physical mode, and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/School at 10:00 A.M.)	21.08.2023
6.	Display of category-wise vacant seats and the merit list for second counselling in physical mode on the university website.	22.08.2023
7.	Date of second counselling for admission in physical mode, and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/ School at 10:00 A.M.)	24.08.2023
8.	Date of Commencement of Course Work	25.08.2023
9.	Commencement of Course Work Examinations	February, 2024

NOTE: The candidates may refer Chapter-12: 'Ordinance-Doctor of Philosophy' for further details regarding eligibility, procedure of admission, process of registration in Ph.D. programme etc.

About Guru Jambheshwar Ji Maharaj



Guru Jambheshwar Ji Maharaj was a saint and great environmentalist of 15th century. Amongst all the saints of the 15th century, Guru Jambheshwar Ji was unique in preaching about the conservation of biodiversity to his followers. He also included the same in his 29 commandments. Thus, Guru Jambheshwar Ji was not only a religious 'GURU' but a great ecologist and environmentalist, many centuries ahead of the scientists.

He was born in 1451 A.D. (Samvat 1508) on 8th day of dark half of the Lunar month Bhadrapad on Janamashtami, in a village Pipasar situated in the revenue jurisdiction of Nagaur district of Rajasthan, India. He adopted the life of an ascetic teacher in 1484 AD and started living on the Samrathal, sand Dhora hill of Mukam village situated in Nokha tehsil of Bikaner district of Rajasthan. He enshrined in his followers' compassion towards nature and protection of life as the supreme religious goal.

He founded the Bishnoi sect in 1485 AD on eighth day of the black fortnight of the month of Kartika of the year 1542 of the Vikrami Era at Samrathal Dhora and prescribed 29 commandments dealing with various aspects of life. He spent the remaining 51 years of his life in spreading his great vision. He expounded his religious philosophy and the essence of these principles in the form of verses. These spiritual verses have a vigour of their own, vibrant, passionate and sincere. These are distinguished by their vivid and conversational style and moral exhortation. Guru ji achieved 'Nirvana' in 1536 in village Lalasar District Bikaner, Rajasthan.

Among the 29 commandments laid down by Guru Jambheshwar Ji, eight commandments have been prescribed to preserve biodiversity and encourage good animal husbandry. Seven commandments provide directions for healthy social behaviour. Ten Commandments are directed towards personal hygiene and maintaining good basic health. Four commandments provide guidelines for worshipping God daily and always remember that God is omnipresent. Guru Jambheshwar Ji had occupied a unique place in the Bhakti movement. Though his area of activity had been mainly the desert land of Thar, yet he had been touring other places too. During these extensive tours he has been spreading the message within and outside the country;

"Jeeya Nai Jugati or Mhan (Moova) naimugati".
(To live is a device and to die is salvation)



Prof. Narsi Ram Bishnoi
Vice-Chancellor



**Guru Jambheshwar University of Science & Technology,
Hisar- 125 001(HARYANA)**

PREFACE

Dear Candidates,

Welcome to the e-prospectus of Guru Jambheshwar University of Science & Technology, Hisar, a premier educational institute of Haryana, for admission to Ph.D. programmes for the academic year 2023-24. In a time when environment protection is a biggest of a concern, it pleases me that my University is taking another small step by way of bringing e-Prospectus. This e-prospectus is a small step towards safeguarding our environment as the University is named after great environmentalist, Guru Jambheshwar Ji Maharaj. Guru Jambheshwar University of Science & Technology started its journey under the Act of State Legislature on 20th October, 1995 at Hisar, Haryana. The University aims for excellence in teaching and research in education with focus on new frontiers of Science & Technology, Engineering Studies, Environmental Studies and new emerging area of Media Studies, Pharmaceutical Sciences, Management Studies, Yoga Science, Physiotherapy, Humanities and Social Sciences. Since, then the University has achieved several milestones in its small journey. 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. Today, the University spreads over 372 acres of lush green land with 10 mammoth Teaching Blocks, more than 22 Teaching Departments classified under 09 Faculties which houses more than 70 regular programmes on the campus and 9 programmes through Distance mode, 2 online courses along with Ph.D. 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 University has recently established centre for counselling and well-being for the holistic well-being of students and employees. In addition, students of this University enjoy numerous facilities which include Open-Air Theatre, Cafeteria, Post Office, Bank, Shopping Complex, etc.

The National Assessment and Accreditation Council (NAAC), has recently 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 ranked 100th in Management category under NIRF-2023. The University has also been ranked in band 1001-1200 in the Times Higher Education World University 2023. 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 3800 research papers have been published by the faculty in peer reviewed journals of repute which are listed in SCOPUS with >76000 citations. The h-index of the University has also gone upto 113. 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 endeavours 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 firm 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 endeavours for their bright future.

Prof. Narsi Ram Bishnoi



Prof. Avnesh Verma
Registrar



Guru Jambheshwar University of Science & Technology,
Hisar- 125001(Haryana)

WELCOME

Guru Jambheshwar University of Science and Technology was established on 20th 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 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 connected fields.

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, Central Instrumentation Laboratory, Animal House, Electronic Databases, Research Journals and Reference Books in the University Library, High Speed Internet connectivity and above all, a supporting environment.

In order 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.

Prof. Avnesh Verma

RANKING



- **'A+' Grade NAAC Accredited University**
- **Ranked 49th in Pharmacy Category in NIRF-2023**
- **Ranked 100th in Management Category in NIRF-2023**
- **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: 113 (highest in Haryana HEI)**
- **Average Paper Citation: 20.08**

INDEX

Chapter No.	Title	Page No.
	Officers of the University	8
	Chairpersons of the Departments	9
	Hostel Administration	10
1	About the University	11
2	Faculties, Departments and Courses of Study	24
3	Department-wise Faculty Position	29
4	Schedule of Admission	37
5	Guidelines to Apply Online for Admission to Ph.D. Programme (2023-24)	38
6	Documents Required	41
7	Guidelines for Admission of Foreign Students	43
8	Seats Available in Ph.D. Programme	44
9	Scholarships/Fellowships	45
10	Distribution and Reservation of Seats	46
11	Counselling	51
12	Ordinance: Doctor of Philosophy with Appendices	53
13	Proformas (Annexure - (A-I to B-XI)) & Application Form	97

OFFICERS OF THE UNIVERSITY

Hon'ble Chancellor

Shri Bandaru Dattatreya, Governor, Haryana

Vice-Chancellor	Prof. Narsi Ram Bishnoi	01662-276192, 263101 Fax: 01662-276240 E-mail: vc@gjust.org
Registrar	Dr. Avnesh Verma	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 (Boys)	Prof. Om Parkash Sangwan	01662-263676
Chief Warden (Girls)	Prof. Sujata Sanghi	01662-263394
Dean Students Welfare	Prof. Manoj Dayal	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. Sandeep Kumar Arya Dean, Faculty of Engineering & Technology 01662-263380
Prof. Karam Pal Narwal Dean, Haryana School of Business 01662-263372	Prof. Sumitra Singh Dean, Faculty of Medical Sciences 01662- 263580
Prof. Manoj Dayal Dean, Faculty of Humanities and Social Sciences 01662-263548	Prof. Asha Gupta Dean, Faculty of Environmental and Bio- Sciences & Technology 01662-263652
Prof. V.K. Bishnoi Dean, Faculty of Religious Studies 01662-263159	Prof. Sanjeev Kumar Dean, Faculty of Law 01662-263540
Prof. Vandana Punia Dean, Faculty of Education 01662-263199	

OTHER OFFICERS

Dean, Research & Development	Prof. J. B. Dahiya	01662-263356
Dean International Affairs	Prof. Namita Singh	01662-263312
Director, Dr. A.P.J. Abdul Kalam CIL	Prof. Munish Ahuja	01662-263352
Director, HRDC	Prof. Neeraj Dilbaghi	01662-263572
Director, CIIP	Prof. Karam Pal Narwal	01662-263329
Director, IQAC	Prof. Ashish Aggarwal	01662-263512
Director, Distance Education	Prof. Khujan Singh	01662-263157
Director, PDUIC	Prof. Vishal Gulati	01662-263692
Director, PDUCIC	Sh. Mukesh Kumar	01662-263179
Director, Placement	Sh. Partap Singh Malik	01662-263507
Librarian, Dr. Bhim Rao Ambedkar Library	Dr. Vinod Kumar	01662-263118
Technical Advisor (HRM) to Vice-Chancellor	Prof. Sandeep Singh	01662-263701
Technical Advisor (ADM) to Vice-Chancellor	Prof. Vinod Chhokar	01662-263106

CHAIRPERSONS OF THE DEPARTMENTS

Sr. No.	Name of Department	Chairperson	Telephone No. (STD Code No. 01662)	E-mail ID
1	Applied Psychology	Prof. Manju	263168, 263533	psychology@gjust.org
2	Bio & Nano Technology and mentor department for Botany	Prof. Neeraj Dilbaghi	263165, 263500	dbnt@gjust.org
3	Chemistry	Prof. Sonika	263152	chairmanchemistry@yahoo.in
4	Civil Engineering	Prof. Asha Gupta Dr. Anu Gupta, Incharge	263371, 263652	civil.engg@gjust.org
5	Computer Science & Engineering	Prof. O.P. Sangwan	263173	chairmancse224@gmail.com
6	Data Science	Prof. Dharmender Kumar	263173	datascience@gjust.org
7	Economics	Prof. N.K. Bishnoi	263693	gjucecodepartment@gmail.com
8	Education	Dr. Vandana Punia	263199	vbpunia@gmail.com
9	Electronics & Communication Engineering	Dr. Suman Dahiya	263171, 263513	ece@gjust.org
10	Electrical Engineering	Dr. Priti Prabhakar	263644, 263645	ee@gjust.org
11	English & Foreign Languages	Prof. Rakesh Kumar Behmani	263148	english@gjust.org
12	Environmental Science & Engineering	Prof. Rajesh Kumar	263129, 263326	evs@gjust.org
13	Emerging Technology	Prof. O.P. Sangwan	263180	emerging@gjust.org
14	Food Technology	Dr. Manish Kumar	263150, 263516	foodtech@gjust.org
15	Haryana School of Business	Prof. Vinod Kumar Bishnoi, Director	263111	hsbgjust@gmail.com
16	Hindi	Prof. N.K. Bishnoi Dr. Geetu, Incharge	263159	religiousstudies@gjust.org
17	Mass Communication	Dr. M.R. Patra	263148	cmt@gjust.org
18	Mathematics	Prof. Kuldeep Bansal	263574	mathematics@gjust.org
19	Mechanical Engineering	Dr. Puneet Katyal	263184	mechanical@gjust.org
20	Pharmaceutical Sciences	Prof. Sumitra Singh	263580, 263554	pharmaceutical@gjust.org
21	Physics	Prof. Ashish Agarwal	263176	physics@gjust.org
22	Physiotherapy	Dr. Shabnam Joshi	263169	physiotherapy@gjust.org
23	Printing Technology	Sh. Pankaj Kumar	263175, 263336	printingtechnology5@gmail.com
24	Guru Jambheshwar Ji Maharaj Institute of Religious Studies	Prof. V.K. Bishnoi	263159	religiousstudies@gjust.org
25.	Geography	Prof. Vinod Kumar Bishnoi	263429	-
26.	Zoology	Prof. Asha Gupta	263129, 263371	-

HOSTEL ADMINISTRATION

Designation	Name	Telephone No.(s)	Email ID
Chief Warden (Girls) Chief Warden (Boys)	Prof. Sujata Sanghi Prof. Om Parkash Sangwan	01662-263152 01662-263676 01662-263542	chiefwardengirls@gjust.org chiefwardenboys@gjust.org
Deputy Chief Warden (Girls)	Ms. Vinita Mathur	01662-263188	dcwg@gjust.org

Wardens for Boys' Hostels

S.No.	Hostels Names	Name of Warden	Telephone No.(s)	Email ID
1.	J.C. Bose Sadan Boys' Hostel No. I	Dr. Som Dutt Dr. Vijender Sihag	01662-263189 01662-263189	wardenbh1@gjust.org
2.	Aryabhata Sadan Boys' Hostel No. II	Dr. Vivek Gupta Dr. Hardev Singh	01662-263186 01662-263186	wardenbh2@gjust.org
3.	Madan Lal Dhirga Sadan Boys' Hostel No. III	Dr. Amandeep Dr. Sanjay Kumar	01662-263519 01662-263545	wardenbh3@gjust.org
4.	Vivekanand Bhawan Boys Hostel No. IV	Dr. Vikram Jeet Singh Dr. Manoj Yadav Er. Sardul Singh Dhayal	01662-263625 01662-263624	wardenbh4@gjust.org

Coordinators and Lady Wardens for Girls' Hostels

S.No.	Girls' Hostels	Coordinator	Lady Warden	Telephone No.(s) & Email ID (STD Code No.01662)	
1.	Kasturba Bhawan Girls Hostel No. I	Dr. Jyoti	Mrs. Suman	263190	coordinatorgh1@gjust.org
2.	Saraswati Bhawan Girls Hostel No. II	Dr. Anu Gupta	Mrs. Monika	263191	coordinatorgh2@gjust.org
3.	Manikarnika Bhawan Girls Hostel No. III	Ms. Kalpna	Ms. Jyoti	263391	coordinatorgh3@gjust.org
4.	Amrita Devi Bhawan Girls Hostel No. IV	Mrs. Vinita	Mrs. Manjeet Mrs. Ritu Yadav	263394 263394	coordinatorgh4@gjust.org
5.	Kalpna Chawla Bhawan Working Women Hostel	Dr. Anju Gupta	Mrs. Krishna	263591	coordinatorwwh@gjust.org

CHAPTER-1

ABOUT THE UNIVERISTY

General

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

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, ranked 100th in Management Category and ranked 49th in the 'Pharmacy' category in NIRF-2023. The University has also been ranked in band 1001-1200 in the Times Higher Education World University ranking 2022 & 2023 and in band 251-300 among ASIA University ranking 2021. The University has also been ranked in band 601-800 in the 'Physical Sciences' subject category in the Times Higher Education World University Ranking 2023. The University has also been ranked 401-500 in The Times Higher Education Emerging Economies University Rankings 2022. The University has added another feather of international recognition in the form of securing rank between 351-400 in the globally renowned Times Higher Education Young University Rankings 2022.

Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory is a well acclaimed lab. which not only provides facilities to researchers of the University but also caters to the research needs of other Institutions of the region. The University has well sought-after Pandit Deendayal Upadhyaya Innovation and Incubation Centre and Start Up Schemes to foster innovative ideas of its students. The University has been ranked 494th World's Most Sustainable University in 2021 in UI Green Matric World University Rankings announced by University of Indonesia, Jakarta. The University has been awarded 1st Prize at State level for spreading awareness about "Prevention of Alcoholism and Substance

Abuse". The efforts of the University are recognized by the Social Justice and Empowerment Department, Government of Haryana by rewarding it with a cash prize. The University has constantly motivated and encouraged interdisciplinary collaboration and Research. More than 3800 research papers have been published by the faculty in peer reviewed journals of repute which are listed in SCOPUS with >76000 citations. The h-index of the University is 113 and this is the highest h-index of any University in the State of Haryana. Average Paper Citation is 20.08 which is also highest in the region. Numerous research projects have been completed in different departments and there are several ongoing research projects being handled by our faculty. The University has acquired FIST and PURSE grant from the DST and grant under SAP programme by UGC.



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.

Jurisdiction

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

Research Frontiers

The University has a dedicated team of well qualified faculty members, engaged in teaching and research activities. The total number of papers published by the faculty in peer reviewed journals of national and international repute since 2009-10 is 2861. Besides this, the faculty members have published 48 text books including 17 edited books and contributed 76 chapters in books since 2009-10. The h-index of the University has also gone up to 113 at present from 17 in 2009-10 with more than 3800 publications and over 76000 citations as per Scopus Database. On the basis of h-index, the University has been sanctioned PURSE grant of Rs. 10.25 crores for research in the year 2016. Faculty members mobilized and completed projects worth more than Rs.2.5 crores during last 4 years. Eight departments of the university have been awarded the SAP-DRS projects by UGC and the same has been added to their stature and infrastructure. In addition to this, Department of Bio & Nano Technology is being provided HRD grant for M.Sc. Biotechnology course by the Department of Biotechnology, Govt. of India since 2000, Bioinformatics Facility (BIF) grant by Department of Biotechnology, Govt. of India since 2006, HRD grant for M.Tech. Nano Science & Technology by Ministry of Science & Technology Govt. of India under Nano Mission program. DST-FIST grants have been awarded to Departments of Bio & Nano Technology, Pharmaceutical Science, Chemistry and Physics. The University has been

funded thrice by TEQIP Scheme by World Bank, Board of Research In Nuclear Science (Department of Atomic Energy) and other agencies like MHRD, MHFW, Ministry of Defence (DRDO), Ministry of Social Justice and Empowerment, Ministry of Youth Affairs and Sports, National Board for Higher Mathematics, Distance Education Council, Ministry of Women and Child Welfare, Department of Scheduled Castes, Haryana. Further, International collaborative project includes sponsorships by DRDO, DST, Govt. of India and Ministry of Science & Technology, Thailand which is currently implemented by this university jointly with Asian Institute of Technology, Bangkok, Thailand. The MoU with INFLIBNET for electronic dissemination of Ph.D. thesis through open access in Shodhganga is in place.

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 March 2022, the Library has a collection of 125431 books and 5850 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 262149 e-books from EBSCO (Academic E-Books Collection), JSTOR, Emerald, Institute of Physics, The MIT Press and Wiley-IEEE 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 are also accessible over Campus Wide Network.

The library has one Research Database Lab for the Research Scholars and Faculty Member. 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 141257 visitors during the period April 2022 to February 2023. During this period, the total issue for home lending were 29294 books and total 84944 books were consulted by the members of the

library.



The library also 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.

Pt. Deendayal Upadhyaya Computer and Informatics Centre

The Pandit Deendayal Upadhyaya Computer and Informatics Centre (PDUCIC) is established with an aim to act as central facility to meet the computing requirements of students, research scholars, staff and faculty of the University. The centre is equipped with 225 desktop computers of latest configuration alongwith 04 dedicated servers to cater the ICT activities of the University.

The centre hosts the information centric website of University for students/stakeholders/readers for the latest information about the University. Centre also host an independent website for Directorate of Distance Education for latest information. The websites and all online services are developed and maintained by the centre in-house. Further, the centre provides free internet facility to the University students. All computers are connected on 1G Network and provide internet facility with 100 Mbps speed through dedicated lease line of CWN Cell.

Many online tests of national level for admissions, recruitment are also conducted in PDUCIC with the help of testing agencies. From its very inception, the PDUCIC has effectively

been performing task of building up data processing capabilities of many branches of the University and playing a vital role in imparting intensive training time to time to the staff of the University. In addition, there is a full-fledged language lab with Wordsworth software for enhance the language skills and personality development of the students. The timings of the PDUCIC are 9.00 AM to 7.00 PM during teaching session and 9.00 AM to 5.00 PM during summer & winter vacations.



Campus Wide Networking Cell

In order to cater to the needs of Information & Communication Technologies for students, staff and faculty of university, Networking Cell has been set up in university. At present all the teaching departments, hostels, administrative block and other offices are connected with a combination of wired and wireless network, The wireless network covers almost entire campus. The wired network consists of around 2500 nodes and approx. 250 controller-based Wi-Fi. The network has been empowered through high capacity and secured active and passive components. Networking Cell has installed a campus surveillance system for security purpose. Networking Cell has been connected with the bandwidth of 1 Gbps under NME/NKN project of MHRD. The internet connectivity has been provided through 150 Mbps leased line from NKN and 100 Mbps 1:1 from M/s Reliance Jio Infocomm Limited free of cost to faculty members, research scholars, staff and students of university for 24 hours. Everyone in the University is provided E-mail address on G-Suite. Networking Cell has also installed

Campus Surveillance System consisting of 104 high end cameras with central monitoring system. The complete campus has been provided 24x7 CCTV surveillance.

Hostels

There are nine hostels (four for boys, four for girls and one for working women) which can accommodate more than 2600 students. The hostels are fully equipped with basic amenities like commercial RO with UV & ozonator, water coolers, LED TV, electric geysers, telephone facilities, insect killers, adequate playgrounds and other recreational facilities like chessboards, carom boards, badminton court etc. The Ambulance facility is available 24x7 for residents in case of medical emergencies. The internet and Wi-Fi facilities are also available for the students in hostels. The lawns in and around the hostels are developed aesthetically to provide refreshing view to the residents. The girls hostel complex wherein all the girls hostels are surrounded by a common boundary wall has Air-conditioned Cyber cafe, General Store, Beauty Parlour Shop, Confectionary Shop and Photostat Shop. Each girl's hostel and working women hostel is provided with sanitary pad vending machine & sanitary pad incinerator. The CCTV cameras have been installed at various places for security purpose. Each hostel has a common room where daily newspapers and latest magazines are available to the students. Apart from this a gym equipped with tread mills, exercise cycle & abdominal exerciser, etc. is available. Healthy menu is provided by the mess contractor on the reasonable rates.



Menu items & quality check is done randomly by the Mess Committees, Wardens, Coordinators, Deputy Chief Wardens and the Chief Wardens. Hostel accommodation is provided according to hostel rules. The prospective hostellers are also required to submit medical fitness certificate at the time of admission. The hostel residents are governed by the terms and conditions as contained in the University Hostel Regulations. The university administration with the very energetic and dedicated team of hostel administrations ensure a better quality of life for all the hostel residents.

Ch. Ranbir Singh Auditorium

Ch. Ranbir Singh Auditorium forms the main component of architectural composition of the Central core of University Campus. The main hall is large enough for an audience of over 1800 persons and additional facilities of three



Seminar Halls on the ground floor, one with a capacity of 250 persons and other two with a capacity of 125 persons each. This building is intended for convocations, conferences, seminars, workshops, concerts, ballets, film shows, plays and other stage performances etc. of national & international level. Ch. Ranbir Singh Auditorium building is one of the beautiful and State-of-the-Art Auditoriums in India and it has been awarded by National Planning Commission of India (Construction Industry Development Council Vishwakarma Awards 2014) under best construction project at National level. This Auditorium building has also been awarded by National Planning Commission of India under best maintained structures at National level.



Sports Facilities

The Directorate of Sports was established and working since 1996 in the University. The games in the University are Football, Cricket, Lawn Tennis, Basketball, Handball, Volleyball, Badminton, Table Tennis, Yoga, Karate, Kabaddi, Weight Lifting and Shooting Range as well as an Athletic Track of 400 mtr. In addition, there are two Lawn Tennis court with Practice wall. One Hi-Tech Gym is established in the multipurpose hall in the premises of the Directorate of Sports. For participation in various games, the University provide Track Suit, Playing Kit and Shoes to all the participants, provide to the coaches and the team manager who accompany with the team. Our University students have participated more than 50 Inter University Tournaments and achieved various positions. To motivate the players the Directorate of Sports award the Cash Prize.



Dr. APJ Abdul Kalam Central Instrumentation Laboratory

The Dr. A.P.J. Abdul Kalam Central Instrumentation Laboratory (CIL) is established for the students, research scholars and teachers of the University who are actively engaged in R&D activities in the emerging areas of Science, Technology & Engineering. The CIL is presently having sophisticated instruments like-

- Nuclear Magnetic Resonance (NMR)

- Spectrometer (400 MHz)
- Atomic Absorption Spectrometer (AAS)
- UV-VIS-NIR Spectrophotometer
- Fourier Transform Infrared (FTIR) Spectrometer
- Differential Scanning Calorimeter (DSC)
- Microwave Plasma Atomic Emission Spectrometer (MP-AES)
- Microwave Synthesizer
- Liquid Chromatography Mass Spectrometry (LC-MS/ MS QTOF)
- Ultra-High-Performance Liquid Chromatography (UHPLC)
- High Resolution Field Emission Scanning Electron Microscope with EDS (FE-SEM)
- Raman Spectrometer
- Flash Chromatography
- Rheometer, Multipurpose Versatile XRD System (XRD) and other sophisticated instruments are under purchase process e.g.



The CIL cater to the needs of the students, research scholar and teachers of this university as well as other educational institute and industry in order to promote research activities.

Training and Placement Cell

The Centralized Training & Placement Cell of the university works on Integrated fronts of enhancing employability of our budding professionals and offering maximum employment opportunities to them. Having been equipped with state-of-the-art infrastructure in form of Seminar Hall, Group Discussion Room, Interview Room & WiFi facility, Training & Placement Cell facilities various campus placement drives through Pre-Placement talks,

written tests, group discussions & personal interviews. The cell facilitates the students to participate in off-campus or pool-campus placement drives held at various institutions/ industries. The cell offers internship opportunities to the students by conducting Internship drives or In-house Internship cum Training programs.



For grooming the students, cell runs a wide spectrum of programs such as GJUS&T Weekly Online Aptitude Test (GWOAT), UDBHAVANA talk shows, Industry Interaction Programs (IIP), Industrial Visits, Various Speakathon Competitions through Speakathon Club, Coding Competitions through its coding club, Employability Assessment tests, In-house Training on trending technologies, GATE training and many more. The glimpses of all these programs are also regularly updated on all social media platforms as well as in form of its quarterly newsletter namely TPC-CHRONICLE. All these activities of T&P Cell are carried out by highly motivated team of students as activity coordinators, Department and Class placement Coordinators in able guidance of departmental teacher coordinators.

University Health Centre

- UHC is a primary health centre established in 1997 for the medical needs of students, staff and their family members.
- It is spacious enough to accommodate three doctor's cabins for OPD, one Dental clinic, one observation room with three beds facility, minor O.T, one dispensing room, one laboratory and one medicine store.
- It is well equipped with equipments like

ECG machine, nebulizer, autoclave, foetal monitor, autoanalyser, hematology analyser. Oxygen concentrator etc.

- Dental clinic is very well equipped with modern equipments like RVG, Apex locator, scaler etc.
- Staff of Health Centre includes one Senior Medical Officer, three Medical Officers, one Dental Surgeon, one Chief Pharmacy Officer, two Staff Nurses, one matron, two Pharmacists, one Lab. Technician, one Technician Officer and two Lab Attendants.

Various facilities provided at health Centre are as follows:

- Medical aid for all common ailments with routine blood, urine and stool tests. Patients requiring day care are managed here only.
- Health Centre provides medical care during the cultural and sports events at the event site.
- Health Centre runs the Medical Reimbursement cell which deals with medical reimbursement cases as per Haryana re-imbursement policy.
- Health Centre fully participates in Children vaccination programs along with the Civil hospital staff. It has also been part of national pulse polio campaign from time to time.
- Health camps and talks are also conducted by Health Centre on regular basis.
- Health Centre remains open continuously from 7:30 am to 6.00 pm. After 6.00 pm two ambulances parked in girls and boys hostel take the patients to the approved hospitals for management.
- Health Centre is a day care Centre. For indoor services all the hospitals on Govt. panel are on university panel (<http://haryanahealth.nic.in/Empanelment.html>) for reimbursement purposes.



SC/ST& Scholarship Cell

SC/ST Cell has been set up in the University to ensure proper implementation of various scheme of the UGC, the Government of India and the State Govt. concerning scholarship, stipends etc. for welfare of reserved categories students. The guidelines, for various types of scholarship/stipends as revised from time to time by the Central and State Governments, are notified to all departments which are got displayed on the Notice Board of the concerned department and website of the University. This cell ensures that these guidelines are strictly adhered to. The reservation to SC, BC etc. and other categories will be admissible as per reservation policy of the State Govt. The following types of scholarship are granted to the SC and BC candidates under the Scheme of Govt. of India/State Govt.

- (i) Post Matric Scholarship to SC/ST students, Govt. of India Scheme.
- (ii) Stipend to B.C. students under Post Metric Scholarship Scheme.
- (iii) Financial help from District Welfare Office as per their guidelines for purchase of books etc.

Centre of Industry Institute Partnership (CIIP)

The Centre of Industry Institute Partnership (CIIP) has been established to promote interaction between faculty, students and industry, mainly through consultancy & IPR. The prime objective of the IIP Centre is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis. The activities planned under this centre will

benefit academia in terms of substantial streams of external funding, enhanced opportunities for faculty and students to work on ground breaking research, vital inputs to keep teaching and learning on the cutting edge of a discipline, and the impact of delivering solutions for pressing global challenges.

The core areas under the gambit of CIIP includes Consultancy & IPR. The purpose of consultancy is to promote the interaction of between academia industry & research organizations as a vehicle for augmenting current levels of excellence in teaching and research, and thus leading to funds generation. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and others involved in the novel work, product, ideas and inventions, etc. It is also aimed to ensure the 'Commercial Use' of University's in-house research and technology-outcomes by the outside world.

The consultancy policy of our university specifies the rules and norms regarding consultancy and obligations depending upon the nature of consultancy. This policy has well defined provisions of revenue sharing among university and consultants. The rules laid down in the consultancy policy are expected to fulfil the commitment of the University to promote academic freedom and provide a conducive environment for research and development of commercial importance.

Human Resource Development Centre

The UGC-Human Resource Development Centre (HRDC) of the University was established during the 11th Plan (2009) in accordance with the National Policy of Education (NPE-1986) with a vision 'To Facilitate Human Development and Professional Excellence in Academics' and a 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.

The objectives of HRDC are to enhance the participants' motivation, skills and knowledge through systematic orientation in specific subjects, techniques and methodologies, and thereby inculcate the right kind of values that would in turn encourage them to take initiatives for innovative and creative work. The functions of HRDC in the university are to plan, organize, implement, monitor and evaluate a variety of programmes for diverse stakeholders. Faculty Induction Programmes are organized for newly appointed Universities and Colleges teachers to acquire and improve art of teaching, to understand the linkages between education and economic, socio-economic and cultural development, to utilize opportunities for development of personality, initiative and creativity, and to promote computer literacy as well use of ICT in teaching and learning process. Refresher courses are organized for corporately senior Universities and Colleges teachers to keep abreast of the latest developments in their specific subjects, and also to understand the organization and management of a college/university and to perceive the role of teachers in the total system.

Interaction programme-cum-workshop for the Ph.D. Scholars is also organized on the theme of 'Research Methodology' to sharpen their research skills and facilitate their research work. Short-term courses ranging from 2-3 days to one week are also organized for academic staff, non-academic staff, and Ph.D. scholars on need based themes. Programmes for Heads of departments, Principals, Deans, Officers, etc. are organized with a view to acquaint and sharpen the top-level administration skills which is helpful for effective decision making and its implementation to achieve the excellence in the connected fields. While following the UGC instructions, the HRDC also organizes Summer/Winter School for universities and colleges teachers to sensitize them in key areas like 'Disaster Management', 29 Values and

Spiritualism etc. In addition to UGC sponsored programmes the HRDC also organized the need based programmes on Faculty Development, Staff Development, Capacity Building, and Research Methodology for Ph.D. scholars funded by other national and international agencies like World Bank and Indian Council for Social Science Research (ICSSR), MHRD etc.



The HRDC of University was selected among the ten HRDCs under RUSA Scheme of MHRD, Govt. of India and sanctioned a grant of Rs. 1.00 Crore. This grant will be used for Faculty Quality Improvement Programmes and for Infrastructure Development. In addition, the Department of Higher Education, MHRD, Govt. of India has notified UGC-HRDC, GJUS&T, Hisar as National Resource Centre (NRC) for conduct of Annual Refresher Programme in Teaching (ARPIT) on Pedagogical Innovations and Research Methodology. Till date three programmes ARPIT-2018, 2019 & 2020 have been successfully conducted through SWAYAM portal.

After grabbing techno pedagogical skills, an international project from the university of Nova-Gorica & UNESCO chair on Open Technologies for OERs entitled Emergency Remote Teaching: Response of Pandemic Pedagogy as A New Normal Teaching has been designed and delivered.

As a whole the HRDC endeavours to cater to training and development needs of teachers, academic administrators, researchers and non-academic staff. The prospective plans are to make this HRDC as a full-fledged "Training Centre for Academia and Administration: and to transform it into "Knowledge Disseminating and Resource Generation Centre" for the university by way of providing Training, Development and

Consultancy facilities. To other attempts viz Blog, Youtube Channel and Online Radio have also been initiated to enhance skills among teachers. HRDC also conducted AICTE sponsored Professional Development Programme for Non-Academic Staff of university. The National Assessment and Accreditation Council (NAAC) has judged the HRDC of the University as First out of 66 Human Resource Development Centres in the country and put it in the front-seat.

Centre for Behavioural Research & Intervention

The basic aim of the Centre for Behavioural Research and Intervention (CBRI) is to take care of psychological wellbeing of students and to develop the positive attitude among youth particularly the students. The CBRI has been involved in providing psychological counselling to students and patients. Career counselling, personality development, awareness programme, community intervention programme, conducting workshops and seminars on psycho-social problems are some of the major objectives of the Centre. The Centre is also working on sponsored research projects in the field of behaviour modification, HIV /AIDS, Violence etc.

Students' Welfare

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

- **“Earn While You Learn” Scheme.**
The spirit of the scheme is based on the idea of enabling needy students to meet some educational expenses with dignity. This scheme provides support to some needy students for Department/ office related work for fixed hours in a week with remuneration Rs. 80/- per

hour subject to maximum of Rs. 2400/- per month.

- **Financial Assistance to the Needy Students.**

Dean Students Welfare office provides financial assistance every year to the needy students of various Departments as per the criteria set by the office/university.

- **Funding of Educational & Industrial Tours.**

Office of Dean Students Welfare bears 50% of expenditure incurred on Educational tours & Industrial tours for regular students of the University. The University also provides to the students free of cost participation in various sports tournaments, inter-university youth festival and industrial visits, if they are part of course curriculum etc. Bus services are also provided in the campus for commuting from city gate to TB-VII during morning and evening hours. Ten (2022-23) Educational/ Industrial/ Cultural/ Sports tours were arranged for the students of different departments of the university.

- **Students Insurance Safety Policy.**

The Regular students of the University Teaching Departments are insured for Rs. 1,00,000/-. It also covers Medical Expenses under accidental cases up to Rs. 25000/-. During the year (2022-23) 4500 students were insured under “Students Insurance Safety Policy” with The Oriental Insurance Company Limited, Hisar.

- **Railway Concession Vouchers Facility.**

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

- **Financial help for various Functions.**

This office extends financial help for organization of students' functions/seminars/workshops by various University Teaching Departments.

Directorate of Youth Welfare

The Directorate of Youth Welfare provides a platform to students to explore their talent at utmost level and foster the feelings of Nationalism, enrich Indian Culture and Art. The Directorate of Youth Welfare infuses not only new energy among the students to relax themselves from the pressure of the studies but also to instill in them the confidence to present the talent which otherwise might remain hibernated in them. The organization of University Youth Festival is a regular feature in addition to cultural and literary activities.

University Women Cell

Women Cell in the university has been established to develop and maintain an environment for women's safety, dignity and equality in the campus so that she can avail equal opportunities and takes all the steps required in this direction. The Women Cell consists of 5 members including senior persons from teaching and non-teaching staff. Gender is a major concern in the policies of government and UGC. Women Cell aims to create awareness and make the staff and students familiar with woman's issues and their rights and enable the students to critically analyse the women's issues to form right perspectives. Contributing to the visibility of gender issues, the cell opens a genuine dialogue among scholars, faculty, staff and students through talks and discussions.

Women Cell follows a strategy that involves the personality development of women in divergent fields. The cell is active in working towards women empowerment and gender sensitization of our young women. This cell aims to provide a platform to young women to voice their thoughts and opinions and to share their experiences. Women Cell organizes workshops and lectures on all issues concerning women.

Alumni Relations

Department of Alumni Relations was established to promote bonding between the University and Alumni. The vision of the Department is to honour distinguished Alumni of the University, who have brought national and global acclaim in their respective domains. With the wide experience and expertise of the Alumni, Department looks towards the Alumni for suggestions, for the development of the University. The Department provides an interactive platform so as to establish a link between Alumni and the students of the University. For this, Department of Alumni Relations organizes Alumni meet once a year. The Department encourages and motivates the capable alumni of the University to raise various endowment funds and award stipends, free ships, scholarships, fellowships, medals etc. for the benefit of the deserving students of their alma mater. Department welcomes all Diploma/Degree holders of university, members of the teaching faculty of the University & affiliated Colleges to enroll themselves as members of the Alumni Association.

National Service Scheme

The Moto of the National Service Scheme (NSS) is "Not Me, But You". This expresses the essence of democratic living and upholds the need for selfless services to appreciate the other person's point of view. It shows consideration for fellow human being. It underlines that the welfare of individual is ultimately dependent on the welfare of the society as a whole. The NSS units of Guru Jambheshwar University of Science & Technology are involved in inculcating the feelings of empathy and self-extension among students. The units work with the objectives to uphold and promote the values of communal harmony, patriotism and National Integration among students as well as community members through various NSS activities. Seven days camps, State Level NSS Camp, National Integration camps are the integral part of the NSS. The NSS units have been actively involved in community service and organizing awareness programmes related to

prevention of HIV/AIDS, female foeticide, drug addiction and cashless India etc. NSS volunteers are also involved in the activities related to women empowerment, literacy and personality development, plantation, cleanliness, pulse polio, blood donation, digital and cashless India etc.

NATIONAL CADETS CORPS (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 Defence. NCC was established in the GJUS&T during session 2018-19. There are three subunits of NCC in the university i.e.

- Army (Girls) under the control of 3 Haryana Girls Battalion NCC Hisar.
- Army (Boys) under the control of 3 Haryana Battalion NCC Hisar.
- Air Wing under the control of 1 Haryana Air Squadron NCC Hisar.



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.

Currently NCC training is imparted as extra-curricular activity to volunteer students of university who enroll as cadets. University has implemented the scheme and syllabi of NCC as Additional/Optional course as per NEP, 2020 under CBCS from academic session 2021-22 for the students of B.Tech. Programme who enrolled as NCC cadet. NCC course consisted of 24 credits in total for 6 semesters distributed as 08 credit for theory, 06 credits for practical and 10 credits for two annual training camps. Further, National Cadet Corps (OE-NCC-391-T) is also implemented as Open Elective Course in 5th semester for all the students of B.Tech. Programme except the students enrolled in NCC from academic session 2021-22.

Pandit Deendayal Upadhyaya Innovation & Incubation Centre (PDUIC)

The Pandit Deendayal Upadhyaya Innovation and Incubation Centre was established in Guru Jambheshwar University of Science & Technology, Hisar, Haryana in 2018 and was formally Digitally Launched by the Hon'ble Prime Minister Sh. Narendra Modi Ji on 3rd February, 2019 from Sher-e-Kashmir International Convention Centre, Srinagar under the scheme of RUSA 2.0, Ministry of Education (formally MHRD), Government of India, New Delhi simultaneously in Twenty six States, one Union Territory and Fifty One Aspirational Districts of the entire nation with budget outlay of Fifteen Crores. The PDUIC has already invited Proposals/Ideas/Blueprints from Young Innovators, Professional Experts, Linkage tie-ups, Industry collaborators for Innovative ideas and for developing Prototypes/Product Development/Start-up's Novel Hand-held Devices/ Point-of – Care Devices/ Entrepreneurships from individual or groups of National & International repute in Thematic areas of Agricultural Sciences, Business Management,

Engineering, AI, IOT & Robotics, Life Sciences, Pharmaceutical Sciences, Physical Sciences, Medical Sciences & Yoga Sciences for the benefit of the Society. In PDUIIC, the students, young Innovators will get the opportunity of incubating the novel ideas, develop prototype and devices and the Industry experts will train the students to develop novel products useful for the society. The construction of a new building for PDUIIC has already started and the students and young innovators and Start-up's will begin their work soon. At present, out of 10 Innovative Projects, 06 Projects are completed and 04 Projects are ongoing and few more are under consideration. MoU's are also signed to promote training, workshop, innovation & product development activities.

Psychological Guidance & Counselling Cell

Psychological Guidance & Counselling Cell is established in the University to address the psychological concerns/ problems of the students and employees specifically in the context of emotional health, psychological well being, stress, anger management and career issues. The cell is also working in conducting and organizing awareness and research activities for positive youth development, positive mental health and work place happiness.

FOREIGN STUDENTS CELL

The foreign candidate desirous of seeking admission at Guru Jambheshwar University of Science & Technology, Hisar may apply by simply sending an email mentioning the name of programme. He/She will attach all scanned copies of documents related to her/his qualification and nationality. The request thus received will be examined and processed by the concerned Department & office regarding eligibility for the admission. Once the process is completed and candidate is found eligible, she/he will be given an offer letter for admission through e-mail. The student will have to report for admission in the University during admission period which is usually from June to mid-August along with the requisite fee of USD \$2000 per year and all the original documents. Once the documents are verified, the student will be asked to deposit the fee and get final admission. The fee will be deposited through bank draft or online transaction.

CHAPTER-2

FACULTIES, DEPARTMENTS & PROGRAMMES OF STUDY

2.1 FACULTY OF ENGINEERING & TECHNOLOGY

Departments		Programmes	
A	Printing Technology	i)	Ph.D.
		ii)	M.Tech. (Printing Technology)
		iii)	B.Tech. (Printing Technology)
		iv)	B.Tech. (Packaging Technology)
B	Computer Science & Engineering	i)	Ph.D.
		ii)	M.Tech. (Computer Science & Engineering)
		iii)	Master of Computer Applications (MCA)
		iv)	B.Tech. (Information Technology)
		v)	B.Tech. (Computer Science & Engineering)
		vi)	B. Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)
C	Electronics & Communication Engineering	i)	Ph.D.
		ii)	M.Tech. (Electronics & Communication Engineering)
		iii)	B.Tech. (Electronics & Communication Engineering)
D	Mechanical Engineering	i)	Ph.D.
		ii)	M.Tech. (Mechanical Engineering)
		iii)	B.Tech. (Mechanical Engineering)
E	Electrical Engineering	i)	Ph.D.
		ii)	B. Tech. (Electrical Engineering)
F	Civil Engineering	i)	B. Tech. (Civil Engineering)
G	Emerging Technology	i)	B.Tech. (Electronics and Biomedical Engineering)
		ii)	Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Medical Imaging Technology (5 years, semester system)
H	Data Science	i)	M.Sc. Computer Science (Artificial Intelligence and Data Science)
		ii)	B.Sc. (Hons./Hons. with Research) Computer Science (Artificial Intelligence and Data Science) (4 years, Semester System)

2.2 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments		Programmes	
A	Environmental Science & Engineering	i)	Ph.D.
		ii)	M.Tech. (Environmental Science & Engineering) (2-year, Semester System)
		iii)	M.Tech. (Geo-informatics) (2-year, Semester System)
		iv)	M.Sc. (Environmental Sciences) (2-year, Semester System)
B	Bio & Nano Technology Mentor Department for Botany	i)	Ph.D. (Biotechnology)
		ii)	Ph.D. (Nano Sc. & Technology)
		iii)	Ph.D. (Microbiology)
		iv)	M.Tech. (Nano Science & Technology) (Zero session for 2023-24)
		v)	M.Sc. (Biotechnology)
		vi)	M.Sc. (Microbiology)
		vii)	Integrated B.Sc. (Life Science) - M.Sc. Biotechnology/Microbiology/Botany/Zoology (5 years, Semester System)
		viii)	M.Sc. Botany (2 years, Semester System) as per NEP-2020
C	Food Technology	i)	Ph.D. (Food Technology)
		ii)	M.Tech. (Food Technology)
		iii)	M.Sc. (Food Technology)
		iv)	B.Tech. (Food Technology)
		v)	B. Voc. (Food Processing and Engineering)
D	Zoology	i)	M.Sc. (Zoology) (2-year, Semester System)

2.3 FACULTY OF PHYSICAL SCIENCES AND TECHNOLOGY

Departments		Programmes	
A	Chemistry	i)	Ph.D.
		ii)	M.Sc. (Chemistry)
		iii)	Integrated B.Sc. (Hons./Hons. with Research) - M.Sc. Chemistry (5 years, Semester System)
B	Mathematics	i)	Ph.D.
		ii)	M.Sc. (Mathematics)
		iii)	Integrated B.Sc. (Hons./Hons. with Research) - M.Sc. (Mathematics) (5 years, Semester System)
C	Physics	i)	Ph.D.
		ii)	M.Sc. (Physics)
		iii)	Integrated B.Sc. (Hons./Hons. with Research) - M.Sc. Physics (5 Years, Semester System)

2.4 HARYANA SCHOOL OF BUSINESS

	Department		Programmes
A	Haryana School of Business	i)	Ph.D.
		ii)	Master of Business Administration (MBA)
		iii)	MBA (Finance)
		iv)	MBA (Marketing)
		v)	MBA (International Business)
		vi)	MBA (Business Analytics)
		vii)	MBA (Healthcare)
		viii)	M.Com.

2.5 FACULTY OF MEDICAL SCIENCES

	Departments		Programmes
A	Physiotherapy	i)	Ph.D.
		ii)	Master of Physiotherapy (Orthopedics)
		iii)	Master of Physiotherapy (Sports)
		iv)	Master of Physiotherapy (Neurology)
		v)	Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)
		vi)	Bachelor of Physiotherapy
		vii)	M.Sc. (Yoga Science & Therapy)
		viii)	P.G. Diploma in Yoga Science & Therapy
B	Pharmaceutical Sciences	i)	Ph.D.
		ii)	M.Pharm. (Pharmaceutical Chemistry)
		iii)	M.Pharm. (Pharmaceutics)
		iv)	M.Pharm. (Pharmacology)
		v)	M.Pharm. (Pharmacognosy)
		vi)	Bachelor of Pharmacy (B. Pharm.)

2.6 FACULTY OF RELIGIOUS STUDIES

Guru Jambheshwar Ji Maharaj Institute of Religious Studies conducts research and comparative study of various religions Hinduism, Jainism, Buddhism, Christianity, Islam and Sikhism, Indian Culture with special reference to teachings of Guru Jambheshwar Ji Maharaj. The Institute offers 'Doctor of Philosophy' programme in Religious Studies. The candidates having master Degree i.e. M.A. (Sanskrit/Hindi/Philosophy/Dharam/Religion/Ved/Ancient History) disciplines only be considered eligible to apply for Entrance Test and Registration in Ph. D. programme of Religious Studies.

2.7 FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Department		Programmes	
A	Economics	i)	Ph.D.
		ii)	M.Sc.(Economics)
		iii)	Integrated B.Sc. (Hons./Hons. with research) – M.Sc. Economics (5 years, Semester System)
B	Mass Communication	i)	Ph.D.
		ii)	M.A. (Mass Communication) (2 Years, Semester System)
		iii)	B.A. (Hons./Hons. with Research) Mass Communication (4 Years, Semester System)
C	Applied Psychology	i)	Ph.D.
		ii)	M.Sc. (Psychology)
		iii)	P.G. Diploma in Guidance & Counselling
		iv)	Integrated B.Sc. (Hons./Hons. with research) – M.Sc. Psychology (5 years, Semester System)
D	Hindi	i)	Ph.D.
		ii)	M.A. (Hindi)
E	English and Foreign Language	i)	M.A. (English) under CBCS
		ii)	Certificate/Diploma Course(s) in French Language, German Language, Mandarin Language, Spanish Language
		iii)	Diploma Course in translation from English to Hindi and Hindi to English
F	Geography	i)	Integrated B.Sc. (Hons./Hons. with research) – M.Sc. Geography (5 years, Semester System)
G	Dr. Bhim Rao Ambedkar Library is Mentor Department	i)	Master of Library and Information Science (2-year, Semester System)

In addition to above, all degree colleges of Hisar District including Government Colleges, Government Aided Colleges and Self-Financing Colleges running Under Graduate (UG) and Post Graduate (PG) courses are affiliated to Guru Jambheshwar University of Science & Technology Hisar from the session 2017-18.

2.8 FACULTY OF EDUCATION

Department		Programmes	
A	Education	i)	M.A. (Education) (2-year, Semester System) Zero session for 2023-24.

2.9 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 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 post-graduation Professional Law Course, is also conducting B.A.LL.B (5 Years) Integrated Professional Law Course since 2009. 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.

2.10 DIRECTORATE OF DISTANCE EDUCATION

University also offers the following programmes through Open and Distance learning mode and Online mode for session 2023-24.

Programmes offered in Open and Distance Learning Mode

Sr.No.	Programme
1.	M.A. (Mass Communication)
2.	Master of Business Administration (MBA)
3.	Master of Commerce (M.Com.)
4.	Master of Computer Applications (MCA)
5.	M.Sc. (Mathematics)
6.	M.A. (English)
7.	B.A. (Bachelor of Arts)
8.	B.A. (Mass Communication)
9.	B.Com. (Bachelor of Commerce)

Programmes offered in Open and Distance Learning Mode

Sr.No.	Programme
1.	Diploma/Certificate in Computer Application
2.	Diploma in Food Quality Assurance
3.	Diploma in Solid and Hazardous Waste Management
4.	Certificate in Food Quality Assurance
5.	Certificate in Video Film Production

Programmes offered in UGC entitled full-fledged Online Mode

Sr.No.	Programme
1.	Master of Business Administration (Marketing) Master of Business Administration (Human Resource)
2.	Bachelor of Commerce (General)

CHAPTER-3

DEPARTMENT- WISE FACULTY POSITION

3.1 FACULTY OF ENGINEERING & TECHNOLOGY

Dean: Prof. Sandeep Kumar Arya

A. Department of Computer Science & Engineering

Sr. No.	Name	Designation	Telephone No. (STD Code No. 01662)
1.	Dr. Dharminder Kumar	Professor	263373
2.	Dr. Saroj	Professor	263380
3.	Dr. Yogesh Chaba	Professor	263320
4.	Dr. Pardeep Kumar	Professor	263343
5.	Dr. Rishi Pal Singh	Professor	263173
6.	Dr. Dharmender Kumar	Professor	263323
7.	Dr. Om Prakash Sangwan	Professor & Chairperson	263173
8.	Dr. Sanjeev Kumar	Professor	263318
9.	Dr. Jyoti	Professor	263344
10.	Dr. Sunila	Professor	263331
11.	Dr. Ritu Makani	Associate Professor	263344
12.	Dr. Sunil Kumar Nandal	Associate Professor	263319
13.	Dr. Jaswinder Singh	Associate Professor	263331
14.	Dr. Jai Bhagwan	Assistant Professor	263173
15.	Sh. Narender Kumar	Assistant Professor	263173
16.	Dr. Amandeep	Assistant Professor	263173
17.	Sh. Manoj	Assistant Professor	263173
18.	Sh. Abhishek Kajal	Assistant Professor	263173
19.	(Mrs.) Sakshi Dhingra	Assistant Professor	263173
20.	Dr.(Mrs.) Anju	Assistant Professor	263173
21.	Dr. (Mrs.) Sunita	Assistant Professor	263173
22.	Dr. Deepak Nandal	Assistant Professor	263173
23.	Dr. Sunil Kumar	Assistant Professor	263173
24.	Sh. Krishan Kumar	Assistant Professor	263173
25.	Dr. Seema Rani (On deputation)	Assistant Professor	263173
26.	Dr. Sunil Kumar	Assistant Professor	263173

B. Department of Printing Technology

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Anjan Kumar Baral	Professor	263396
2.	Dr. Ambrish Pandey	Professor	263335
3.	Sh. Arohit Goyat	Associate Professor	263338
4.	Sh. Pankaj Kumar	Associate Professor & Chairperson	263175, 263336
5.	Mrs. Vandana	Associate Professor	263337
6.	Sh. Abhishek Saini	Assistant Professor	263175
7.	Sh. Sanjeev Kumar	Assistant Professor	263175

8.	Sh. Satish	Assistant Professor	263175
9.	Sh. Ankit Boora	Assistant Professor	263175
10.	Sh. Bijender	Assistant Professor	263175
11.	Sh. Vikas Jangra	Assistant Professor	263175
12.	Sh. Mohit Kumar	Assistant Professor	263175

C. Department of Electronics & Communication Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Sandeep K. Arya	Professor	263549
2.	Dr. Sanjeev Kumar Dhull	Professor	263511
3.	Dr. Deepak Kedia	Professor	263529
4.	Mrs. Suman Dahiya	Associate Professor & Chairperson	263171, 263513
5.	Dr. Ramnish	Associate Professor	263548
6.	Ms. Priyanka Dalal	Assistant Professor	263171
7.	Sh. Ajay Kumar	Assistant Professor	263171
8.	Dr. Vinod Kumar	Assistant Professor	263171
9.	Sh. Vijay Pal Singh	Assistant Professor	263171
10.	Ms. Ritu	Assistant Professor	263171
11.	Dr. Kuldeep Singh	Assistant Professor	263171
12.	Dr. Abhimanyu	Assistant Professor	263171
13.	Ms. Manisha	Assistant Professor	263171
14.	Ms. Vinita	Assistant Professor	263171
15.	Sh. Sardul Singh Dhayal	Assistant Professor	263171

D. Department of Emerging Technology

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Om Prakash Sangwan	Professor & Chairperson	263171
2.	Dr. Ravish Garg	Professor	263501
3.	Mrs. Anju Gupta	Assistant Professor	263171
4.	Sh. Anil Khatak	Assistant Professor	263171

E. Department of Mechanical Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Hem Chander Garg	Professor	263555
2.	Dr. Pankaj Sharma	Professor	263560
3.	Dr. Vishal Gulati	Professor	263556
4.	Dr. Munish Gupta	Professor	263558
5.	Dr. Pankaj Khatak	Professor	263559
6.	Dr. Puneet Katyal	Associate Professor & Chairperson	263184, 263562
7.	Dr. Mahesh Kumar	Associate Professor	263564
8.	Dr. Kamal Deep	Assistant Professor	263561
9.	Sh. Rakesh Kumar	Assistant Professor	263672
10.	Sh. Jagdip Chauhan	Assistant Professor	263673
11.	Sh. Rajender Singh	Assistant Professor	263671
12.	Dr. Sandeep Jindal	Assistant Professor	263184

F. Department of Electrical Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Priti Prabhakar	Associate Professor & Chairperson	263645
2.	Dr. Sumit	Assistant Professor	263645

G. Department of Civil Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Asha Gupta	Professor & Chairperson	263652
2.	Dr. Anu Gupta	Assistant Professor & Incharge	263129

H. Department of Data Science

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Dharmender Kumar	Professor & Chairperson	263173
2.	Dr. Sunil Kumar	Assistant Professor and Incharge	

3.2 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Dean : Prof. Asha Gupta

A. Department of Environmental Science & Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Parveen Kumar	Professor	263342
2.	Dr. Asha Gupta	Professor	263129, 263371
3.	Dr. Mukul Shah Bishnoi	Professor	263328
4.	Dr. Rajesh Kumar	Professor & Chairperson (ESE)	263326
5.	Dr. Jitender Pal	Professor	263327
6.	Dr. Anu Gupta	Assistant Professor	263129
7.	Dr. Santosh Bhukal	Assistant Professor	263129
8.	Dr. Anita Singh Kirrolia	Assistant Professor	263129
9.	Dr. Lakhvinder Singh	Assistant Professor	263129

B. Department of Bio & Nano Technology

Sr. No.	Name	Designation	Telephone No.
1	Dr. Neeraj Dilbaghi	Professor & Chairperson	263500
2.	Dr. Namita Singh	Professor	263312
3.	Dr. Vinod Chhokar	Professor	263165, 263355
4.	Dr. Sandeep Kumar	Associate Professor	263378
5.	Dr. Rajesh Thakur	Associate Professor	263514
6.	Dr. Anil Kumar	Associate Professor	263347
7.	Dr. Santosh Kumari	Associate Professor	263568
8.	Dr. Sapna Grewal	Assistant Professor	263629

C. Department of Food Technology

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Alka Sharma	Professor	263365, 263150
2.	Dr. Aradhita Barman Ray	Professor	263317
3.	Dr. Manish Kumar	Associate Professor & Chairperson	263516

D. Department of Zoology

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Asha Gupta	Professor & Chairperson	263129, 263371

3.3 FACULTY OF PHYSICAL SCIENCES & TECHNOLOGY

Dean : Prof. Devinder Kumar

A. Department of Chemistry

Sr.No.	Name	Designation	Telephone No.
1.	Dr. J.B. Dahiya	Professor	263356
2.	Dr. Devinder Kumar	Professor	263358, 263152
3.	Dr. Sonika	Professor & Chairperson	263160
4.	Dr. Satbir	Professor	263397
5.	Dr. Jai Devi	Professor	263566
6.	Dr. C.P. Kaushik	Professor	263398
7.	Dr. Kashmiri Lal	Associate Professor	263566
8.	Dr. Vikas Verma	Associate Professor	263542
9.	Dr. Jyoti	Assistant Professor	263152
10.	Dr. Mahavir Parshad	Assistant Professor	263152

B. Department of Mathematics

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Kuldeep Bansal	Professor & Chairperson	263167
2.	Dr. Sunita Rani	Professor	263357
3.	Dr. Sunita Pannu	Professor	263362
4.	Dr. Mukesh Kumar Sharma	Professor	263525, 263574
5.	Dr. Pankaj Kumar	Professor	263388
6.	Dr. Kapil Kumar	Professor	263367
7.	Dr. Renu	Assistant Professor	263574
8.	Dr. Hemant Kalra	Assistant Professor	263574
9.	Dr. Sandeep Singh	Assistant Professor	263574
10.	Dr. Sunita Rani	Assistant Professor	263574

C. Department of Physics

Sr.No.	Name	Designation	Telephone No.
1.	Dr. Devendra Mohan	Professor	263386
2.	Dr. Sujata Sanghi	Professor	263385
3.	Dr. Ashish Agarwal	Professor & Chairperson	263384
4.	Dr. Rajender Singh Kundu	Professor	263185
5.	Dr. Neetu Ahlawat	Professor	263389
6.	Dr. David Joseph	Assistant Professor	263520
7.	Dr. Ramesh Kumar	Assistant Professor	263636
8.	Dr. Hardev Singh	Assistant Professor	263635
9.	Dr. Ravi Bhatia	Assistant Professor	263176
10.	Dr. Vivek Gupta	Assistant Professor	263176
11.	Dr. Ranjeet	Assistant Professor	263176

3.4 FACULTY OF MEDICAL SCIENCES

Dean: Prof. Sumitra Singh

A. Department of Pharmaceutical Sciences

Sr. No.	Name	Designation	Telephone No.
1.	Dr. D.C. Bhatt	Professor	263379
2.	Dr. Sumitra Singh	Professor & Chairperson	263554
3.	Dr. Sunil Sharma	Professor	263333
4.	Dr. Dinesh Dhingra	Professor	263582
5.	Dr. Munish Ahuja	Professor	263515
6.	Dr. Sandeep Jain	Professor	263527
7.	Dr. Archana Kapoor	Associate Professor	263315
8.	Dr. Meenakshi Bhatia	Associate Professor	263188
9.	Dr. Sunil Kumar	Associate Professor	263581
10.	Dr. Ashwani Kumar	Associate Professor	263584
11.	Dr. Vikramjeet Singh	Assistant Professor	263580
12.	Dr. Rekha Rao	Assistant Professor	263580
13.	Dr. Manoj Kumar	Assistant Professor	263580

B. Department of Physiotherapy

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Shabnam Joshi	Associate Professor & Chairperson	263541, 263169
2.	Dr. Jaspreet Kaur	Associate Professor	263517
3.	Dr. Manoj Malik	Assistant Professor	263353
4.	Dr. Kalindi Dev	Assistant Professor	263334

3.5 HARYANA SCHOOL OF BUSINESS

Dean: Prof. Karam Pal Narwal

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Harbhajan Bansal	Professor	263510
2.	Dr. B.K. Punia	Professor	263311
3.	Dr. N.S. Malik	Professor	263370
4.	Dr. Karam Pal Narwal	Professor	263329, 263111
5.	Dr. Mahesh Chand Garg	Professor	263316
6.	Dr. Vinod Kumar Bishnoi	Professor & Director	263429
7.	Dr. Pardeep Gupta	Professor	263557
8.	Dr. Anil Kumar	Professor	263348
9.	Dr. Sanjeev Kumar	Professor	263429
10.	Dr. Tika Ram	Professor	263374
11.	Dr. Suresh Kumar	Professor	263352
12.	Dr. Khujan Singh	Professor	263532
13.	Dr. Anju Verma	Professor	263235
14.	Dr. Deepa Mangla	Professor	263539
15.	Dr. Ubha Savita	Professor	263111
16.	Dr. Dalbir Singh	Professor	263534
17.	Dr. Shveta Singh	Associate Professor	263111
18.	Dr. Rajiv Kumar	Associate Professor	263659
19.	Dr. Himani Sharma	Associate Professor	263657
20.	Dr. Mani Shreshtha	Assistant Professor	263658
21.	Dr. Vanita	Assistant Professor	263660
22.	Dr. Sangeeta	Assistant Professor	263111
23.	Dr. Vandana Singh	Assistant Professor	263662
24.	Dr. Vijender Pal Saini	Assistant Professor	263661
25.	Dr. Suresh Kumar Bhaker	Assistant Professor	263111

3.6 FACULTY OF RELIGIOUS STUDIES

Dean: Prof. Vinod Kumar Bishnoi

Guru Jambheshwar Ji Maharaj Institute of Religious Studies

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Vinod Kumar Bishnoi	Professor & Chairperson	263159

3.7 FACULTY OF EDUCATION

Dean :Prof. Vandana Punia

Department of Education

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Vandana Punia	Professor & Chairperson	263199

3.8 FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Dean : Prof. Manoj Dayal

A. Department of Economics

Sr. No.	Name	Designation	Telephone No.
1.	Dr. N.K. Bishnoi	Professor & Chairperson	263174
2.	Dr. Manoj Kumar	Assistant Professor	263174
3.	Dr. Kiran Devi	Assistant Professor	263174
4.	Dr. Lalit Sharma	Assistant Professor	263174
5.	Dr. Som Nath	Assistant Professor	263174

B. Department of Applied Psychology

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Jyotsana	Professor	263537
2.	Dr. Sandeep Singh	Professor	263368
3.	Dr. Rakesh Kumar Behmani	Professor	263377, 253168
4.	Dr. Manju	Professor & Chairperson	263533
5.	Dr. Sanjay Kumar	Assistant Professor	263630
6.	Dr. Taruna	Assistant Professor	263628

C. Department of Hindi

Sr. No.	Name	Designation	Telephone No.
1.	Dr. N.K. Bishnoi	Professor & Chairperson	263159
2.	Dr. Geetu	Assistant Professor, Incharge	263159
3.	Dr. Sharmila	Assistant Professor	263159
4.	Ms. Kalpana	Assistant Professor	263159

D. Department of English and Foreign Language

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Rakesh Kumar Behmani	Professor & Chairperson	263381
2.	Dr. Pallavi	Assistant Professor & Incharge	263148

E. Department of Mass Communication

Sr. No.	Name	Designation	Telephone No.
1	Dr. Manoj Dayal	Professor	263548
2.	Dr. Vikram Kaushik	Professor	263181
3.	Dr. Umesh Arya	Professor	263354
4.	Dr. N. Sushil Kumar	Professor	263381
5.	Dr. M.R. Patra	Associate Professor & Chairperson	263310
6.	Dr. Pallavi	Assistant Professor	263148

F. Department of Geography

Sr. No.	Name	Designation	Telephone No.
1	Prof. Vinod Kumar Bishnoi	Chairperson	263429

3.9 FACULTY OF LAW

Dean : Prof. Sanjeev Kumar

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Sanjeev Kumar	Professor	263329

Note: The Department-wise Faculty position in this Chapter is only for the information of the candidates/ students. It has no concern with the seniority/ tentative seniority of the teachers. Further, List of Contractual Faculty department-wise is available on the University website.

3.10 DIRECTORATE OF DISTANCE EDUCATION

Director : Prof. Khujan Singh

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Khujan Singh	Director	263157
2.	Sh. Vinod	Assistant Professor (Computer Science)	263606
3.	Dr. Vizender Singh	Assistant Professor (Mathematics)	263603
4.	Dr. Sunaina	Assistant Professor (Mass Communication)	263606
5.	Dr. Geetu	Assistant Professor (Hindi)	
6.	Dr. Pallavi	Assistant Professor (English)	

3.11 HUMAN RESOURCE DEVELOPMENT CENTRE

Director : Dr. Neeraj Dilbaghi

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Neeraj Dilbaghi	Director	263573
2.	Dr. Vandana Punia	Professor	263199
3.	Sh. Anurag Sangwan	Assistant Professor	263164

3.12 DR. BHIM RAO AMBEDKAR LIBRARY

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Vinod Kumar	University Librarian	263115, 263118
2.	Dr. Shyam Sunder Joshi	Deputy Librarian	263301
3.	Dr. Narender Kumar	Assistant Librarian	263351
4.	Sh. Som Dutt	Assistant Librarian	263308

Note : Sequence of names of the faculty may not be in the order of seniority.

CHAPTER-4

SCHEDULE OF ADMISSION

The candidates may obtain/download Information Brochure for Ph.D. programme for the session 2023-24 containing guidelines for submission of online application form and other details for admission to Ph.D. programmes in various departments of the University from University website: www.gjust.ac.in.

4.1 The schedule of admission to Ph.D. programme is given below

S. No.	Description	Date & Time
1.	Availability of Information Brochure- Ph.D. and online Application form (download from University website: www.gjust.ac.in)	28.07.2023
2.	Last date of submission of online application form and payment of fee through Net banking/Debit/Credit Card	11.08.2023
	iii) Submission of online application form fee iv) Submission of application form	(upto 5:00 pm) (upto 12:00 midnight)
3.	Date of Interview before Admission Committee (Venue & Time: Department Concerned/School at 10:00 A.M.)	16.08.2023
4.	Display of Merit list on the University Website	18.08.2023
5.	Date of counselling for admission in physical mode, and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/School at 10:00 A.M.)	21.08.2023
6.	Display of category-wise vacant seats and the merit list for second counselling in physical mode on the university website.	22.08.2023
7.	Date of second counselling for admission in physical mode, and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/ School at 10:00 A.M.)	24.08.2023
8.	Date of Commencement of Course Work	25.08.2023
9.	Commencement of Course Work Examinations	February, 2024

4.2 The candidates may refer **Chapter-12: 'Ordinance-Doctor of Philosophy'** for further details regarding eligibility, procedure of admission, process of registration in Ph.D. programme etc.

CHAPTER-5

GUIDELINES TO APPLY ONLINE FOR ADMISSION TO Ph.D. PROGRAMME (2023-24)

1. Before initiating the process of application form submission, a candidate should ensure that he/she has:
 - a) Scanned latest Photograph (in jpeg or jpg format only)
Photograph dimension (Max (W-H): 320-240px, Min (W-H): 120-160px, size upto 50kb).
 - b) Scanned Signatures (in jpeg or jpg format only)
Signatures dimension (Max (W-H): 320-120px, Min (W-H): 200-80px, size upto 30kb).
 - c) Scanned copy of Category Certificate, if the candidate is claiming for reservation category (in jpg format, (Max (W-H): 1200-1600px, Min (W-H): 400-400px, size upto 200kb).
2. A candidate can apply for admission to a programme only online by visiting the link **“Admission-2023-24 Ph.D. Programme”** available on university website www.gjust.ac.in. The deposition of registration fee will entitle you to participate in admission process subject to fulfilment of eligibility conditions mentioned in Information Brochure Doctor of Philosophy (Ph.D.) 2023-24.
3. A Registration Fee of **Rs. 2000/- for General Category; Rs. 500/- for reserved categories (SC/DSC/BC) and Rs. 1000/- for Economical Weaker Sections (EWS) candidates of Haryana** is to be remitted through Debit/Credit Card or by Net Banking for each programme (separately if applying for more than one programme).
4. Each candidate will go through all the eight stages one-by-one as mentioned below:
 - I. Candidate Registration
 - II. Upload photo, sign and reservation category certificate (if applicable)
 - III. Registration fee payment
 - IV. Detailed application form
 - V. Educational details.
 - VI. Upload DMCs, degree certificates for any kind of weightage claimed.
 - VII. Review application form / lock form.
 - VIII. Download/print application form.

Candidates are advised to keep hard copy of application form submitted online for any future reference.

Part-I
(Candidate Registration)

5. Click on “New Candidate’s Registration” option to accomplish Part-I of submission.
6. The system will ask for the candidate’s personal information like:
 - a) Name of the Department/Programme
 - b) Domicile of Haryana Resident (Yes/No)
 - c) Parivar Pehchan Patra (PPP) ID
 - d) Candidate Mobile number
 - e) Land Line Number
 - f) Parents’ Mobile Number
 - g) Email Id
 - h) Password and Re-enter Password
7. The candidates paying registration fee of reserved categories must upload category certificate as a proof of fee relaxation claim.
8. Please go through the details of particulars filled in the form before registration confirmation. Kindly ensure that all the information is correct, click the Registration Confirmation button. After confirmation, you will not be in a position to change/alter/update the information.
9. Category must be selected carefully during filling of Online application form. If a candidate request for category change before last date for submission of Online Application Form and payment of fee through Net Bank/Debit/Credit Card, the following procedure will be adopted for registration fee:-
 - i) In case, candidate has paid less registration fee under earlier category, his/her category will not be changed and he/she will have to submit fresh application in desired category with demanded registration fees. His/her already paid fees will be forfeited.
 - ii) If candidate has paid excess registration fee, his/her category will be changed and balance fee will be forfeited
10. After unsuccessful registration, an automatically generated User ID and password will be sent on registered e-mail ID. You are advised to keep this User Id and Password undisclosed. In the event of sharing of password, candidate will be solely responsible for the change of registration details etc.

Part-II
(Upload Image Sign and Category Certificate)

11. After successful registration, candidate have to upload latest photo, sign and category certificate for reserved category candidates who are seeking registration fee concession. This is to remind you that you are required to upload the image of recent photograph and signature only in jpeg or jpg format as per dimensions at point no. 1.

Part-III

(Registration fee payment)

12. After uploading of photo, signature and category certificate (if any), candidate will pay the requisite fees in online mode only through Debit/Credit Card/Nonbanking.
13. The Candidate without depositing the Fee, shall not be allowed to participate in further admission process.

Part-IV

(Detailed Application Form)

14. After successful remittance of fee, detailed application form regarding address, father, mother details and other information related to hostel accommodation, PH/VH, ESM, FF, Sports etc. will be filled by the candidate.

Part-V

(Educational Details)

15. After completion of step IV, educational details from 10th class onward with roll no, passing year, board/university, marks/CGPA obtained, maximum marks, multiplication factor (if any) will be filled by the candidate. The candidates who have their results in CGPA have to provide CGPA multiplication factor and fill actual percentage in application form.

Part-VI

(Upload DMCs, Degree certificates for any kind of weightage claimed)

16. After attaching the requisite documents candidate have to upload the documents by clicking the upload documents button.

Part-VII

(Review/Edit Application, Lock Form)

17. To have a brief look on the filled online application form, a preview will be displayed to verify the credentials filled by the candidate. If the candidate finds everything correct, then lock the application form to obtain the print of online submitted application form. If the candidate finds that some corrections are required, he/she may change such information clicking edit button.
18. **Candidates are advised to keep hard copy (two copies) of application form submitted online for any future reference and visit the University website regularly for updates during the entire admission process.**

CHAPTER-6

DOCUMENTS REQUIRED

6.1 Candidates are required to bring original as well as two sets of self-attested photocopies of the following documents at the time of Counselling for admission to Ph.D. programme:

- i) Mark sheets/transcripts of Matriculation, 10+2, Graduation & Post-graduation etc.
- ii) Degree of Graduation and Post-Graduation. Approval of DEB (Erstwhile DEC)/Joint Committee of DEC-UGC-AICTE in case of degree acquired from Distance Education.
- iii) **UGC-NET/ UGC-CSIR-NET/ DBT/DST/ ICMR/ASRB/ GATE /GPAT- (JRF-valid) / UGC-National Fellowship for Schedule Caste/OBC students (NFSC/OBC)/ASRB/HSCST-JRF (valid) certificate with JRF award letter/Provisional DST Inspire Fellowship** (one year validity subject to the final offer of fellowship as per criteria of DST failing which admission in Ph.D. shall be treated cancelled), SRF award letter from various national funding agencies like UGC/ICMR etc. with proof of working under the mentorship of faculty member of GJUS&T etc., if any. (Original Certificate/Letter issued by UGC or the concerned agency, duly certified, shall be acceptable. Downloaded result shall not be accepted.)
- iv) DMC of Pre-Ph.D./Ph.D. course work including the course **Research and Publication Ethics (RPE) notified by UGC vide D.O. No. F.1-1/2018 (Journal/Care) in 2019 and Research Methodology Course** (with at least 55% marks in each paper or its equivalent grade in the UGC 10-point scale or an equivalent CGPA in a point scale wherever grading system is followed) in respect of a candidate who seeks exemption from Ph.D. coursework on the basis of Pre-Ph.D./Ph.D. course work already completed as per UGC regulations from this University or from any other State/Central Universities/Institutes of eminence or from Private Universities accredited and awarded at least “A grade” by NAAC. They may be exempted from Ph.D. course work by the Vice-Chancellor subject to the condition that such candidate has to follow the complete admission process of the Ph.D. Programme. The validity of the course work will be three years from the year in which he/she passed the Ph.D. course work. The candidate will be required to **submit the fee mentioned in sub clause 25.4 along with Registration fee and Caution money (Refundable) mentioned in sub clause 25.3 of the clause 25 (Fee Structure) of Ordinance-Doctor of Philosophy (Chapter-12).**
- v) Category (SC/BC, PH/(Differently-abled persons) / ESM / FF) certificate for Reservation in proper format and Income & Asset Certificate for claiming benefit of reservation under EWS. The specimen formats are given from **Annexure B-I to B-VII.**

vi) Character Certificate along with attested copy.

(a) For Candidates who have recently qualified:

The candidates, who have recently passed the qualifying examination, must submit Character Certificate from the Head of the Institution last attended as per specimen given in **Annexure B-VIII.**

(b) Private/Distance Education Candidates:

The candidates who have passed the qualifying examination as private candidates **or through Distance Education mode** should submit their Character Certificate duly signed by a First-Class Executive Magistrate.

(c) Gap in Study:

The candidates, who have gap in their academic career after the qualifying examination, must furnish a gap certificate, in the form of affidavit on non-judicial paper or certificate from the employer (if in service) and should also furnish a separate character certificate of gap period duly attested by Notary Public.

vii) Certificate of Bonafide Resident of Haryana. The candidates who have passed their qualifying examination through regular mode from a University/College/School situated within the State of Haryana, will be deemed to be Haryana Residents and need not submit certificate of Bonafide Resident of Haryana. All others are required to submit the same in the format prescribed at Annexure-A-IV.

viii) Proper "Income" certificate / Affidavit in case of SC/BC candidates seeking any concession.

ix) Original Migration Certificate issued by the last attended institute/university.

If a candidate is not able to submit the migration certificate at the time of counselling for one or the other reason, he/she will have to submit the same before the commencement of course work examination without any late fee or upto the date of approval of research synopsis by DRC with late fee of Rs. 1000/- failing which his/her candidature for the Ph.D. programme shall stand cancelled automatically. However, the same may be regularized by the Vice-Chancellor with late fee of Rs. 2000/-

6.2 The Chairperson of the Department concerned shall forward one set of above documents duly attested by him, submitted by the candidate to the Registration Branch within 15 days of the admission of the candidates.

CHAPTER-7

ADMISSION OF FOREIGN NATIONALS

- 7.1 The Ph.D. seats for foreign students will be supernumerary in nature.
- 7.2 Foreign nationals should submit the consent/recommendation of research supervisor of the concerned subject at the time of applying for admission in Ph.D. programme. The consent may be obtained through the online correspondence.
- 7.3 Foreign nationals should bring the equivalency of degree from Association of Indian Universities (AIU), New Delhi within a period of three months from the date of admission in the University failing which the admission shall stand cancelled.
- 7.4 Fee (inclusive of all kinds of fees) : US \$ 1000 per half year

CHAPTER-8

SEATS AVAILABLE IN Ph.D. PROGRAMME

The vacant seats for admission in Ph.D. programme in various departments of the university for the session 2023-24.

Sr. No.	Name of Department	Total Vacant Seats	Information of seats under Broad Area of Specialization
1	Computer Science & Engineering	21	Mobile Communication (03), Wireless Network (01), Data Mining (03), Software Engg. & Soft Computing (02), Machine Learning(01), Pervasive Computing & Artificial Intelligence (02), Data Mining, Machine Learning Meta heuristic optimization (02), Mobile Communication WSN & AI and Machine Learning (02), Cyber Security(01), (Data Mining, Machine Learning, Evaluationary Algorithm-02), Mobile Networking & AI (02)
2	Mass Communication	2	Public Relations & Corporate Communications(2),
3	Printing Technology	2	Printing Quality Control, Print Production Optimization (2)
4	Environmental Science & Engineering	3	Water Pollution and management (1), Biofuels, Bioenergy, Bioremediation, Microalgae(2)
5	Chemistry	7	Organometallic Chemistry(2), Organometallic compounds in medicinal importance(1), Organic Chemistry(2), Study of Thermodynamic Properties(1), Organo/Organometallic & Medicinal Chemistry (1)
6	Physics	4	Laser and materials Science(1), Material Science(1), Condensed Matter Physics (Theory)(2)
7	Food Technology	3	Post harvest processing ohmic Heating (2), Food and Nutrition, Nutraceutical Food Processing (1)
8	Bio & Nano Technology	7	Nano Science & Technology (2), Biotechnology (4), Microbiology (1)
9	Haryana School of Business	4	Finance (1), Marketing/General Marketing(2), Human Resource Management (1)
10	Applied Psychology	3	General Psychology(2), Positive Psychology(1)
11	Pharmaceutical Sciences	17	Pharmaceutical Chemistry (7), Pharmaceutics (6), Pharmacology(2), Pharmacognosy (2)
12	Electronics & Communication Engg.	19	Signal Processing, Adaptive Signal Processing, VLSI Digital Signal Processing, Bio Medical Signal Processing, Speech Signal Processing, Deep learning(3), Device Modelling (2), Microwave & Antenna & Machine Learning(4), Machine Learning Deep learning, Acoustic Signal Processing, Speech Processing, Signal Processing(3), VLSI Design, DFT, embedded AL system design, VLS-DSP (4), , Machine Learning Deep learning, Acoustic Signal Processing, Speech Processing, Signal Processing, Bio medical (3)
13	Mechanical Engineering	16	Tribology (2), Production (3), CAD/CAM (1), Thermal, Renewable Energy(3), Robotics, Thermal(1), Biomaterials (1)Thermal (3)Industrial Engineering, Meta-Heuristics-2),
14	Economics	2	Economics of Social Sector(1), Macro Dynamic & Manufacturing Sector(1)
15	Hindi	2	समकालीन साहित्य, साहित्यिक पत्रकारिता, नयी कविता, आधुनिक गद्य साहित्य (2)
16	Electrical Engineering	6	Electrical Engineering (PS)(6)
Total Seats		118	

Note:

- I) The detail of distribution of seats and their reservation as per guidelines of Haryana Govt. for each department of the university is given at '**Seat Distribution Chart for admission to Ph.D. (2023-24)**' in Chapter-10.
- II) The broad areas of specialization mentioned against each of the Department above is merely for the information of the candidates that research supervisor(s) are available in these areas. However, admission to **Ph.D. Programme** will be strictly as per procedure laid down in **Chapter-12: Ordinance- Doctor of Philosophy**.
- III) The university may not fill up available seats in case candidate's specialization/choice does not match with the requirement.

CHAPTER-9

SCHOLARSHIP/FELLOWSHIPS

9.1 UNIVERSITY RESEARCH FELLOWSHIP:

Each eligible Department will have two fellowships every Year. The amount of the fellowship shall be Rs. 15000/- per month after confirmation of registration. It will be tenable for two years from the date of admission/joining in the course work. The fellowship may be extended only for one more year i.e. 3rd year by the Vice-Chancellor, on the recommendation of the committee consisting of the Chairperson, one Professor/Associate Professor of the department and the Supervisor of the Scholar.

In addition to above, URF (six or 20% of the allocated URF in the academic session whichever is higher) will be allowed to SC candidates.

Criteria for the selection/award of URF will be on the basis of qualifying combined merit of admission for Ph.D. programme.

The contingency amount of Rs. 10000/- per annum may utilized for consumables, minor equipments, stationary, travel, registration fee for attending conferences/seminar, workshop within India with the prior approval of the Chairperson of the Department on the recommendation of the Supervisor. The Non-consumable articles purchased out of the contingency amount will be first entered in the stock register of the Store of the concerned Department and then the article will be issued to the research scholar(s) so as to insure that on expiry/termination/relinquishment of fellowship by scholar/supervisor, these are to be returned to the Department by the scholar.

9.2. STUDY GRANT SCHEME FOR Ph.D. SCHOLARS IN THE FIELD OF SOCIAL SCIENCES:

The Indian Council of Social Science Research, North-Western Regional Centre, MHRD has a Study Grant Scheme for scholars who are doing Ph.D. in the field of Social Sciences for consulting Libraries/Archives/Data Centres in different cities/town in India for collecting research material. The purpose of study grant is to provide financial assistance to Ph.D. scholars in the field of Social Sciences. Therefore, interested Ph.D. scholars may find detailed information and Application form for above said scheme from the website www.icssrnwrc.org.in.

9.3 HSCST FELLOWSHIP PROGRAMME:

The Haryana State Council for Science & Technology (HSCST), Panchkula has introduced fellowship programme for students pursuing Ph.D. in science subjects. Under this scheme, fellowships are awarded to students holding M.Sc. or equivalent degree, with minimum 55% marks and on the basis of their performance in National Eligibility Test (NET) conducted by CSIR twice in a year. The research fellowships are in science subjects, namely Life Science, Physical Science, Chemical Sciences, Mathematical Sciences, Engineering Sciences and Earth Atmospheric Ocean & Planetary Sciences etc. The maximum period of fellowship is five years and the amount is Rs.18000/- per month for the first two years and Rs.21000/- per month for the 3rd year onwards. The fellowship carries an annual contingency grant of Rs. 20000/-. However, any change in amount of fellowship from time to time will be applicable. The details of the scheme are available on HSCST website www.dstharyana.org.

CHAPTER-10

DISTRIBUTION AND RESERVATION OF SEATS

(A) Distribution of seats:

The seats shall be distributed as under: -

- | | |
|---|-------|
| (1) All India Category
including Haryana | : 15% |
| (2) Bonafide Residents of
Haryana | : 85% |

(B) Reservation of seats for Bonafide Residents of Haryana:

The seats shall be reserved for the Categories as under:

Category	Quantum of reservation
Haryana Open General Category (HOGC)	50% of Haryana Residents Quota
Economic Weaker Section	10% of HOGC out of above 50% quota of HOGC.
Scheduled Castes of Haryana (SC)	20%* of Haryana Resident Quota i) 50% of 20% to Scheduled Castes ii) 50% of 20% to Deprived Scheduled Castes
Backward Classes (A) of Haryana (BC-A)	16% of Haryana Resident Quota
Backward Classes (B) of Haryana (BC-B)	11% of Haryana Resident Quota
Physically Handicapped (PH)/differently abled persons	3%** of Haryana Resident Quota

*As per Haryana Govt. notification dated 15th may 2020, fifty percent of the twenty percent seats reserved for scheduled castes for admission shall be set aside for candidates belonging to deprived scheduled castes as enumerated in the Annexure enclosed with the Govt. notification. Where a seat is set aside for candidate from the deprived scheduled castes for admission in Govt. Education Institutions

is not filled up due to non-availability of candidate of the deprived scheduled castes possessing the requisite qualification, the same will be made available to the candidate of schedule castes.

As per letter No. 22/12/2019-1GS-III dated 25th February, 2019 of Govt. of Haryana General Administrative Department, the persons belonging to Economically Weaker Sections (EWSs) who are not covered under the existing scheme of reservation for Scheduled Castes, Backward Classes (Block-A) and Backward Classes (Block-B) shall get 10% reservation in admission to Government/ Govt. Aided Institutions in the State of Haryana. The Director General Higher Education, Haryana vide Memo No. KW30/3-2019 Co (2) dated Panchkula, the 07.06.2019, has clarified that the calculation for the purpose of reservation for Economical Weaker Section (EWS) be done on the existing number of seats. The Director Higher Education, Haryana vide its Memo. No. KW303/3-2019 Co. (2) dated 24.06.2021 has further clarified that 10% reservation for Economical Weaker Section (EWS) will be 50% of the State Quota and will be 42.5% of the total intake (i.e. 50% of General Category out of 85% of Haryana domicile).

**In the event of quota reserved for physically handicapped remains unutilized due to non-availability for suitable category of handicapped candidates, it may be offered to the Ex-servicemen and their wards (1%) and the dependents of Freedom Fighters (1%).

Further, 3% Horizontal reservation is also provided to Ex-servicemen/ Freedom Fighters and their dependents by providing reservation within reservation of 1% of General Category, 1% out of Scheduled Castes and 1% from Backward Classes category for admission to the various educational institutions of the Government and Government aided/ institutes located in Haryana. As far as block allocation in Block A and Block B of Backward Classes category is concerned year wise rotational system will be adopted. For example, if 'A' Block of

Backward Classes are given seats in the academic year 2006, the next block i.e. 'B' Block of category to Backward Classes will be given seats in the next academic year i.e. 2007 and so on.

Vide Notification No. 808-SW (1) dated 17 August, 2016 issued by Welfare of Scheduled Castes and Backward Classes Department, Haryana, the criteria for exclusion of creamy layer within the Backward Classes as per the Schedules appended to the Act, namely Scheduled I, II & III will be as under:

“The Children of persons having gross annual income of up to three lakh rupees shall first of all get the benefit of reservation in services and admission in educational institutions. The left out quota shall go to that class of Backward Classes of citizens who earn more than Three Lakh rupees but up to Six Lakh rupees per annum. The sections of the Backward Classes earning above Six Lakh rupees per annum shall be considered as Creamy Layer under section 5 of the said Act.”

The criteria for computing annual income shall include income from all sources. Income certificate mentioning gross annual income issued after 17.08.2016 shall only be considered for availing any benefit under BC(A) and BC(B) category.

(C) Important Instructions for Reserved Category Seats:

- 1) The reservation of seats is as per the Reservation Policy of the State Govt. and is subject to any change/ amendment by the State Govt. from time to time. The distribution and reservation of seats for various categories **for admission to Ph.D. course (2023-24)** as per above guidelines of Haryana Govt. is given at the end of this chapter.
- 2) All the eligible candidates whether from Haryana or from Reserved Categories shall also compete for seats allocated under All India Category.

3) All eligible candidates of reserved categories shall be considered first for Haryana Open General Category seats.

4) For Haryana Resident (Refer to **Annexure A-IV**)

5) Govt. of Haryana letter No. 62/62/2011-6 GSI dated 17th January, 2012 regarding grant of Bonafide resident of Haryana, the State Govt. has decided that the children/wards/dependents of the employees of Punjab & Haryana High Court, who are discharging their duties in connection with the affairs of the State of Haryana and have not availed facility from their parent State, the State of Punjab and U.T. Administration Chandigarh, would also be eligible for grant of Resident Certificate of the State of Haryana only for the purpose of admission in academic/ technical/ medical Institutions of the State of Haryana.

6) Candidates claiming reservation under Scheduled Caste category are required to submit the certificate as per **Annexure B-II** and Backward Class (Block 'A' & 'B') candidates on the prescribed proforma as per **Annexure B-III**.

The BC candidates (Block 'A' & 'B') for benefit of reservation shall also have to furnish an affidavit / undertaking to the effect he/she is not covered under the criteria of creamy layer as per **Annexure B-IV**. The said Affidavit/ Undertaking shall be furnished both by the father and mother of the candidates.

7) The candidates claiming reservation under EWS are required to furnish an Income and Asset Certificate as per prescribed format at **Annexure-B-V**

8) Only those candidates having a permanent disability of not less than 40% (being otherwise fit for admission to the course) will be considered for admission (on seats reserved for PH / Differently-abled person of Haryana). “Differently-abled persons” Certificate must be from the Chief Medical

Officer of the concerned District. "Differently-abled" candidates belonging to Haryana are required to submit the certificate as per **Annexure B-VI**.

- 9) Children & grand-children (Maternal & Paternal) of Freedom Fighters of Haryana who wish to be considered for reservation must submit a certificate from the Deputy Commissioner of the concerned District (**Annexure B-VII**).
- 10) Candidates who have passed their qualifying examination in **regular mode** from a University/ College/ School situated within the State of Haryana, will be deemed to be Haryana Residents and will not be, required to submit certificate of Bonafide Resident of Haryana. All others are required to submit the same as per format prescribed in Annexure-A-IV.
- 11) A candidate, who applied for both-reserved and general categories, will be considered first in general category. In case, he/she is not selected in General Category, he/she will be considered in reserved category. In case a candidate who applies for two reserved category seats, e.g. for SC/ESM, BC/ESM etc. will be considered in both the categories as per merit in respective category.

indicated in the **Chapter-11: "Counselling" of Ph.D. Information Brochure-2023-24**.

- 13) If the seats reserved for "differently-abled persons" remain vacant due to non-availability of suitable "differently-abled persons", it may be offered to Ex-servicemen and their wards (1%) and dependents of Freedom Fighters (1%). The reservation policy is subject to revision/State Government decision and the same, as applicable on the last date of submission of admission form, shall be followed.
- 14) If a candidate is admitted on the basis of claim that he belongs to the State of Haryana but at any subsequent time it is discovered that his claim was false, his admission shall stand cancelled and all fees and other dues paid by him/her shall be forfeited. The University may take such other action against the student and his/her parents/ guardians as it may deem proper in the circumstances of any particular case.

- 12) The seats remaining vacant under reserved category will be filled up in the manner

DISTRIBUTION AND RESERVATION OF SEATS FOR Ph.D. ADMISSIONS (2023-24)

S. No.	Name of Department	Total Vacant Seats	All India Category	Balance for Haryana Resident	Haryana Open General Category	EWS 10%	Reserved Category of Haryana						Total
			(15%)	(85%)	50% * (v) – (vii)	10% of 50%*(v)	Sch. Caste 20%		BCA 16%	BCB 11%	PH/ DAP 3%	ES M/ FF	
							SC 10%	DSC 10%					
(i)	(ii)	(iii)	(iv)	(v)	vi	(vii)	(viii)	(ix)	(x)	(xi)	(xii)	(xiii)	(xiv)
1	Mechanical Engg.	16	2.4	13.6	6.12	0.68	1.36	1.36	2.17	1.5	0.40	0	16
			2	14	6	1	1	2	2	1	1	0	
2	Pharmaceutical Sciences (17)												
	i) Pharmaceutical Chemistry	07	1.05	5.95	2.68	0.30	0.59	0.59	0.95	0.65	0.17	0	07
			1	6	2	1	1	0	1	1	0	0	
	ii) Pharmaceutics	06	0.90	5.10	2.3	0.25	0.51	0.51	0.82	0.56	0.15	0	06
			1	5	2	0	0	1	1	1	0	0	
	iii) Pharmacology	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			0	2	1	0	1	0	0	0	0	0	
	iv) Pharmacognosy	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			1	1	1	0	0	0	0	0	0	0	
3	Food Technology	03	0.45	2.55	1.14	0.12	0.25	0.25	0.40	0.28	0.07	0	03
			0	3	1	0	1	0	1	0	0	0	
4	Computer Sc. & Engg.	21	3.15	17.85	8.03	0.89	1.78	1.78	2.85	1.96	0.53	0	21
			3	18	8	1	1	2	3	2	1	0	
5	Electronics & Communication Engg.	19	2.85	16.15	7.26	0.80	1.61	1.61	2.58	1.77	0.48	0	19
			3	16	7	1	2	1	2	2	1	0	
6	Environment Science & Engineering	03	0.45	2.55	1.14	0.12	0.25	0.25	0.40	0.28	0.07	0	03
			1	2	1	0	0	1	0	0	0	0	
7	Electrical Engineering	06	0.90	5.10	2.3	0.25	0.51	0.51	0.82	0.56	0.15	0	06
			1	5	2	1	0	1	1	0	0	0	
8	Chemistry	07	1.05	5.95	2.68	0.30	0.59	0.59	0.95	0.65	0.17	0	07
			1	6	3	0	1	0	1	1	0	0	
9	Haryana School of Business	04	0.6	3.40	1.53	0.17	0.34	0.34	0.54	0.37	0.10	0	04
			1	3	1	0	1	0	1	0	0	0	
10	Mass Communication	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			0	2	1	0	0	1	0	0	0	0	
11	Physics	04	0.6	3.40	1.53	0.17	0.34	0.34	0.54	0.37	0.10	0	04
			1	3	2	0	1	0	0	0	0	0	
12	Printing Technology	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			0	2	1	0	0	0	0	1	0	0	
13	Hindi	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			0	2	1	0	0	0	0	1	0	0	
14.	Bio & Nano Technology (07)												
	i)	04	0.6	3.40	1.53	0.17	0.34	0.34	0.54	0.37	0.10	0	04
			1	3	1	0	0	1	1	0	0	0	
	ii)	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			0	2	1	0	0	0	0	1	0	0	
	iii)	01	0.15	0.85	0.39	0.04	0.08	0.08	0.14	0.09	0.02	0	01
0			1	1	0	0	0	0	0	0	0		
15.	Applied Psychology	03	0.45	2.55	1.14	0.12	0.25	0.25	0.40	0.28	0.07	0	03
			1	2	1	0	0	0	1	0	0	0	
16.	Economics	02	0.3	1.7	0.77	0.08	0.17	0.17	0.27	0.18	0.05	0	02
			0	2	1	0	0	0	1	0	0	0	
	TOTAL	118	17.75	100.3	45.13	5.45	10.0	10.0	16.0	11.0	3.0	0	118
			18	100	45	5	10	10	16	11	3	0	

Note:

- i. The distribution of seats for various reserve categories is done department wise as well as for total seats of the University for Ph.D. admission in all departments for the session 2023-24. The fractions of seats in each department in above table have been adjusted in a manner that all the reserved categories get their representation in consonance with the reservation of each category on overall total number of seats in all Ph.D. Programmes. **The fraction below 0.50 has been given one seat and the fraction of 0.50 or above has not been given any seat in some departments to ensure that all categories have been got their representation on overall total number of seats of all Departments.**
- ii. **At present, no seat is available under ESM/FF category. But, the seats reserved for the “PH/differently-abled persons (DAP)” if remains unutilized due to non-availability of eligible candidates for such seats, shall be offered to the Ex-servicemen and their wards and the dependents of Freedom Fighters in order of merit, i.e. one who amongst these two categories is higher in merit will get the seat.**
- iii. ***As per Haryana Govt. notification dated 15th may 2020, fifty percent of the twenty percent seats reserved for scheduled castes for admission shall be set aside for candidates belonging to deprived scheduled castes. Where a seat set aside for candidate from the deprived scheduled castes for admission in Govt. Education Institutions is not filled up due to non-availability of candidate of the deprived scheduled castes possessing the requisite qualification, the same will be made available to the candidate of schedule castes.**

CHAPTER-11

COUNSELLING

(There will be two counsellings for admission to Ph.D. Programme in Summer Term)

11.1 Documents required at the time of Counselling:

- I. All original certificates mentioned in Chapter-6 along with two sets of self-attested photocopies of the same.

11.2 Counselling Procedure:

- I. It is mandatory for all candidates seeking admission to attend the counselling, as per the notified schedule given in Chapter-4 of this Information Brochure. On the day of counselling, the candidates will be called for counselling /admission on their turn in order of merit.
- II. The counselling shall start at 10.00 am as per the schedule in the office of respective Chairperson/Director of the department/school of the university for admission to Ph.D. Programme for the session 2023-24.
- III. The candidate, who reports late i.e., after his/her name had been called, shall be considered subject to availability of seats at that point of time in the respective category.
- IV. The venue of the counselling shall be the respective Departments. Any change in the venue will be notified on the University website/ departmental notice board.
- V. The candidate is required to be present before the Admission Committee of respective department to mark his/her presence and discuss his/her research area and then he/she will produce all original certificates for verification and checking his/her eligibility for the programme for which he / she is eligible.
- VI. On ascertaining the eligibility, the Committee shall allot the seats as per merit/ preference subject to availability of seats.
- VII. The Committee will issue provisional admission letter, on the basis of which the candidate shall have to deposit fees **as per clause 25 of Chapter-12: Ordinance: Doctor of Philosophy** on the spot through online mode failing which his/her admission shall stand cancelled.
- VIII. After that, the candidate will report to the Chairperson/Director of the department/ school to get his/her provisional Regn-cum-Roll No., time table, Library card, Hostel accommodation etc.
- IX. If any candidate fails to deposit his fee on the day of 1st counselling, his seat/admission shall be forfeited and vacant seat so arisen and all other vacant seats will be filled in 2nd counselling from the same merit list of 1st counselling from those candidates who attended the 1st counselling.
- X. The seats remaining vacant in reserved category **and seats remaining vacant in Economically Weaker Section (EWS)** in 2nd counselling shall be converted into General

Category of Haryana (HOGC). However, the vacant seat(s) of DSC will be first filled up from the merit list of the eligible candidates of SC category in order of merit before conversion into General category of Haryana (HOGC).

The seats of BC-A or BC-B category remaining vacant shall be filled by drawing combined merit list of the eligible candidates belonging to these categories before conversion into General category of Haryana (HOGC). Similarly, the vacant seats of “differently-abled person” category shall be filled from the eligible candidates of ESM/FF category, on merit before conversion into General category.

11.3 Important Note for Counselling:

- I. Request for changing the date of counselling will not be entertained. The counselling also establishes the identity and antecedents of the candidates. All original certificates will be verified at the time of counselling.
- II. The mere fact that an applicant has been called for the counselling does not guarantee admission to Ph.D. programme. The admission will exclusively depend upon the number of seats available in a course. The seats will be filled exclusively on the basis of relative merit of the candidates under each category.
- III. At present, no seat is available under ESM/FF category. But, if the seats reserved for the “PH/Differently-abled persons” remains vacant due to non-availability of eligible candidates for such seats, the same shall be offered to the Ex-servicemen and their wards and the dependents of Freedom Fighters in order of merit, i.e. one who amongst these two categories is higher in merit will get the seat.

CHAPTER-12

ORDINANCE-DOCTOR OF PHILOSOPHY

In accordance with UGC (Minimum Standards and Procedure for the Award of Ph.D. Degree) Regulations, 2022

(w.e.f. 2023-24)

1. The Regulations contained in this Ordinance may be called Guru Jambheshwar University of Science & Technology (GJUS&T) Minimum Standards and Procedure for award of Ph.D. Degree.
2. These Regulations shall apply to Guru Jambheshwar University of Science & Technology and its affiliated Colleges/Institutes/Departments/School
3. The Degree of Doctor of Philosophy (Ph.D.) may be awarded in various Faculties/School of the University.
4. Research in the University leading to the Degree of Doctor of Philosophy shall be governed by various Boards of Studies & Research in the Departments/School subject to the general guidelines issued by the Academic Council.
5. The students registered in Ph.D. Programme shall be called as Research Scholar. There shall be two categories of research scholars; Full Time and Part Time.
Full time scholars shall remain present in the University for conducting their research work minimum for a period as mentioned under Residential Requirement as per clause 14.
The scholars getting fellowships will have to remain on campus throughout their research work during their fellowship period.
Part time scholars will be full time working professionals working in National Research Organizations/Labs, industry, government organizations/departments, Regular/Permanent Teachers working in Govt. Colleges/Govt. Aided Colleges/State Universities/Central Universities; Regular teachers and nonteaching staff of Guru Jambheshwar University of Science & Technology. They will be allowed exemption from the stay period provided that they have access to research facilities at their places of work that are approved by the Departmental Research Committee of the Department concerned. A Part time scholar shall have contact hours with their supervisors for minimum of 180 hours per year till submission of the thesis, The seat will be supernumerary in nature.

6. Academic Eligibility

A candidate who wishes to be accepted as a candidate for Ph.D. programme must satisfy the following academic criteria:

- i) A Master 's degree programme (1-year/2-semester after a 4-year/8-semester Bachelor's degree programme or a 2-year/4-semester Master's degree programme after a 3-year Bachelor's degree programme in the subject concerned or in an allied subject or **qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body** with at least 55% marks (**50% for SC/ST, OBC (BC-A & BC-B non-creamy layer), Differently-abled candidates having at least 40% disability and Economically Weaker Section (EWS) of Haryana**) in aggregate or its equivalent grade in a point scale wherever grading system is followed or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of the educational institutions.
- ii) **For Haryana School of Business:** A Master's degree programme (**1-year/2-semester Master degree after a 4-year/8-semester Bachelor's degree programme or 2-year/4-semester Master degree after 3-year Bachelor's degree programme**) or any other degree recognized equivalent thereto in Business Administration or Economics or Commerce or in allied subjects or Two years Post Graduate Diploma in Management recognized as equivalent to MBA by AICTE/AIU or Graduates having passed their final examination of the Institute of Chartered Accountants of India with 55% marks (**50% for SC/ST, OBC (BC-A & BC-B non-creamy layer), Differently-abled candidates having at least 40% disability and Economically Weaker Section (EWS) of Haryana**) in aggregate or its equivalent grade in a point scale wherever grading system is followed.
- iii) For any inter-disciplinary research, Ph.D. degree will be awarded by the Faculty of the Department concerned in which the candidate is registered.
- iv) The State Govt. reservation policy will be followed for admission in Ph.D. programme.

NOTE: The allied/relevant subject will be decided by the Admission Committee of the department concerned.

7. Procedure for Admission to Ph.D. Programme

- i) The admission in Ph.D. Programme shall be made twice a year in two terms i.e. Summer Term (July to December) and Winter Term (January to June). The course work shall also be conducted two times accordingly.
- ii) Applications for enrolment to Ph.D. Programme shall be advertised twice a year normally in the month of April/May for Summer Term and in the month of October/November for Winter Term.
- iii) The Academic Session shall be treated from 1st July to 30th June of the subsequent year.
- iv) The Teaching Departments/School/GJJM Institute of Religious Studies of the University shall declare the total seats **twice a year for Ph.D. admission in beginning of each term (Summer Term & Winter Term) of the academic session.** The University shall notify the number of seats to be offered by each Department/School/Institute for admission to Ph.D. programme **on biannual basis as per** schedule decided from time to time in accordance with the State reservation policy strictly. The number of seats once declared shall not be increased in any circumstance.
- v) Admission of the candidates shall be made on the basis of Entrance Test followed by an Interview. **The candidates are required to appear for Interview before the Admission Committee. The interview shall be intended to test the research acumen of the candidate.** The candidates **having qualified for fellowship/scholarship in UGC-NET/UGC-CSIR-NET/DBT/DST/ICMR/ASRB/GATE/GPAT(valid)** and similar national level tests, UGC-National Fellowship for Schedule Caste/OBC students (NFSC/NFOBC)/HSCST-JRF (valid) with qualified certificate with JRF award letter/Provisional DST Inspire Fellowship (one year validity subject to the final offer of fellowship as per criteria of DST failing which admission to Ph.D. shall be treated cancelled) shall be exempted from taking Entrance Test but they are required to appear for interview. The number of candidates called for interview may be decided by the Department concerned on the basis of number of Ph.D. seats available.
- vi) **Summer Term:** The Ph.D. seats will be offered to the candidates at subclause (v) above in the following preferences as per merit criteria mentioned in sub clause-x A:
 - a. UGC-NET/UGC-CSIR-NET/DBT/DST/ICMR/ASRB/HSCST-JRF(valid).
 - b. The candidates having HSCST-JRF based on NET-LS, UGC-National Fellowship for Schedule Caste students/OBC students (NFSC/NFOBC)-JRF (valid) awarded only on the basis UGC/UGC-CSIR NET-JRF merit / DST Inspire Fellowship candidates.
 - c. The Candidates having Valid GATE/ GPAT score with Fellowship/Scholarship
- vii) **Winter Term:** The Ph.D. seats will be first offered to the candidates at subclause (v) in the same preferences mentioned in subclause-vi above. The seats remaining vacant shall be offered to the candidates qualifying Entrance Test for the admission to Ph.D. to be conducted as per schedule notified by the University in the Winter Term. The syllabi of

Entrance Test will be decided by the concerned Teaching Departments/School (**based on research methodology and subject specific based on core courses of the qualifying Post Graduate programme**). The detailed syllabi shall be uploaded by the department on the University Website.

Conversion of vacant reserved category seats to Haryana Open General Category (HOGC) shall take place as per procedure mentioned in Chapter of “Counselling” of the Ph.D. Information Brochure published in each term.

- viii) Entrance Test will be of 100 marks and a candidate must secure 50% marks (45% marks for SC/ST, OBC (BC-A & BC-B non-creamy layer), Differently-abled candidates having at least 40% disability **and Economically Weaker Section (EWS)** of Haryana) to qualify the same.
- ix) **The seats for following categories of candidates will be treated supernumerary in nature and their admissions will be subject to the consent of teacher in the departments/school as per eligibility and availability of seats under him/her mentioned under Clause-11 of this Ordinance :**
- a) Regular teachers of Guru Jambheshwar University of Science & Technology. The seat shall be offered in Part Time mode. They are required to qualify Entrance Test for admission to Ph.D. Programme and to appear for interview.
 - b) Regular Teachers/Scientists/Officers in the grade of Class-I or above from the following participating Institutions of “Hisar Knowledge Hub”:
 - 1. **Guru Jambheshwar University of Science & Technology, Hisar.**
 - 2. **Lala Lajpat Rai University of Veterinary and Animal Science, Hisar.**
 - 3. **CCS Haryana Agricultural University, Hisar.**
 - 4. **Central Institute for Research on Buffaloes (CIRB), Sirsa Road, Hisar.**
 - 5. **National Research Centre on Equines (NRCE), Sirsa Road, Hisar.**
 - 6. **Centre for Plant Biotechnology, CCS HAU Campus, Hisar.**
 - 7. **Haryana Space Application Centre, CCSHAU Campus, Hisar.**
 - 8. **Maharaja Agrasen Medical College, Agroha, Hisar.**
 - 9. **NRFMTTI (Tractor Training Centre), Sirsa Road, Hisar.**
- The seat shall be offered in Part Time mode. They are required to qualify Entrance Test for admission to Ph.D. Programme and to appear for interview.**
- c) The SRF awardee from various national funding agencies like UGC/ICMR/CSIR etc. working under the mentorship of faculty member of GJUS&T. He/She will have to qualify the entrance test for Ph.D. admission and to appear for interview. He/She will be registered only with the faculty under the mentorship of whom he/she works on the project assigned to him/her.
 - d) One supernumerary seat for children/wards of the regular University Employee in each University Teaching Department/School/Guru Jambheshwar Ji Maharaj Institute of

Religious Studies. If the seat reserved for children of regular University employee remains vacant, the same may be offered to the Non-teaching employees of GJUS&T, Hisar to be enrolled as a Part Time candidate. They are required to go through same procedure for admission in Ph.D. programme as mentioned at clause-7(v to vii). Non-Teaching Employees are required to qualify the Entrance Test and to appear for Interview.

If more than one candidate applies for admission on this seat in a Department/School, the merit will be decided as per separate merit list drawn as per sub clause x) A mentioned ahead for those who are not required to appear in Entrance Test for Ph.D. (i.e. for Entrance Test Exempted category), and as per sub clause x) B for those who are required to appear in the Entrance Test to get admission in Ph.D.

The children/wards of the University Employee shall be first considered in the merit list of General candidates/respective reserved categories competing for the advertised Ph.D. seats before considering for the supernumerary seat reserved for them.

The modalities conveyed vide notification Endst. No. Regn/RI/2017/515-75 dated 29.03.2017 regarding supernumerary seat for non-teaching employees and provision of creation of supernumerary seat in each department in session 2022-23 shall be null and void from the session 2023-24.

- e) Candidates seeking admission under one supernumerary seat in each department/school of the University for admission to Ph.D. programme for the candidates having experience of at least 15 years in relevant field out of which 05 year experience as First Class /Class-A Officer (Level-10 and above in pay matrix as per 7th Pay commission or Grade Pay of Rs. 5400-15600 or above) officer at the level of Managers, Senior Scientists, Senior Administrators working in various Govt. Organizations/State Universities/Institutes of National Repute or professionals having experience of 15 years out of which 05 years as Deputy General Managers/General Managers or (equivalent thereof) or Deputy Director/Director (Equivalent thereof) working in Industry registered with the Registrar of Company under the latest Companies Act in Govt. of India. **They are required to qualify the entrance test for admission to Ph.D.** If more than one candidate applies for admission on this seat in a Department/School, the merit will be decided as per sub clause x) B mentioned ahead. The seat will be offered in part time mode.
- f) One supernumerary seat with each teacher in each University Teaching Department/School/Guru Jambheshwar Ji Maharaj Instt. of Religious Studies for International Students. These students shall be exempted from Entrance Test for admission to Ph.D. Programme subject to the fulfilment of the eligibility condition mentioned at clause-6 (Academic Eligibility). Their admission shall be made on first come first serve basis as per guidelines/ norms decided by the office of Dean International Affairs (formally Dean International Students) from time to time.

- g) One supernumerary seat in each Department for the candidates to be enrolled as Part Time candidate mentioned at clause 5 of this Ordinance. They have to qualify the Entrance Test and to appear for Interview. If more than one candidate applies for admission on this seat in a Department/School, the merit will be decided as per sub clause x) B mentioned ahead.
- x) The merit list for admission to Ph.D. Programme shall be prepared by Department/School according to the following criteria:

A. For candidates exempted from Entrance Test:

- a) 40% weightage of marks in Master's Degree Examination
- b) 30% weightage of marks in Bachelor's Degree Examination
- c) 30% weightage of performance in Interview

The merit list for UGC-CSIR/DBT/DST/ICMR/ASRB/UGC-National Fellowship for Schedule Caste students (NFSC) /HSCST-JRF (valid)/DST Inspire Fellowship candidates/GATE/GPAT (Valid) with Fellowship/Scholarship will be prepared as per provision of preference (separate merit list for each preference) given at clause 7 vi).

B. For the candidates Passing Entrance Test

- a) 30% weightage of marks in the Master's Degree Examination.
 - b) 20% weightage of marks in the Bachelor's Degree Examination.
 - c) 35% weightage of marks in the Entrance Test.
 - d) 15% weightage of performance in Interview
- xi) The admissions in Ph.D. Programme shall be made through separate counselling to be organized by the Department/School concerned for the candidates exempted from Entrance Test and the candidates to be admitted through Entrance Test as per schedule mentioned in Admission Information Brochure.
 - xii) The number of seats for Ph.D. Programme in each subject will be as per availability of seats in the respective Department/School of the University.
 - xiii) The Admission Committee of the Department will consist of the Chairperson of the Department, one Professor, one Associate Professor, one Assistant Professor by seniority and rotation and a nominee of the Vice-Chancellor. All these members must satisfy eligibility conditions to be the Ph.D. Supervisor. If any of the faculty (Professor/Associate Professor/Assistant Professor) is not available in the Department concerned, faculty members from other departments within the same faculty may be associated with the Admission Committee with the prior approval of the Vice-Chancellor.
 - xiv) The result of Entrance Test will be considered for admission to Ph.D. only during the session in which the test was held and the same will not be considered in the subsequent year(s), that is, if a candidate wants to be considered for admission next year, he/she will have to appear for the entrance test afresh.
 - xv) The candidate standing in merit list prepared as per criteria in sub-clause x) will be given provisional admission in Ph.D. Program with the submission of required fee prescribed in

clause (25) of the Ordinance or to be prescribed time to time. The admitted candidates will be allotted provisional Enrolment No./Registration No. by the University. The provisional Enrolment No. allotted to the scholar will become the Registration No. as and when his/her registration for Ph.D. programmes recommended by the BOS&R of the Department/School concerned is approved by the Vice-Chancellor.

8. Course Work

- i) The duration of the Ph.D. course work will be of one semester. It will be offered in the first semester. It will consist of 04 papers.
- ii) Each paper of the course work except PDP-104 will be of 4 credits. PDP-104 is of 02 credits. Each paper will of 100 marks.
- iii) The scheme for Ph.D. course work is as under:

PPD-101: Research Methodology: The syllabus of the course PPD-101: "Research Methodology" will have different contents for Ph.D. programmes which are categorized in the following three broad disciplines. The content of the course should be common within a discipline.

Science Discipline: All the courses run under the Faculty of Physical Sciences, Faculty of Environmental and Bio Sciences & Technology and Faculty of Medical Sciences.

Engineering Discipline: All the courses run under the Faculty of Engineering & Technology.

Management Discipline: All the courses run under the Faculty/School of Haryana School of Business, Faculty of Media Studies, Faculty of Religious Studies and Faculty of Humanities and Social Sciences.

PPD-102: Review of Literature and Seminar - It includes discussions on research ethics, presenting a seminar on review of published research or on own published review/survey paper or training or field work done in the relevant area of research etc.

PPD-103: Departmental Elective Course

It includes an elective course related to the relevant field of research and it will be offered by the respective department/school.

PPD-104: Research and Publication Ethics (RPE)

It includes basics of philosophy of science and ethics, research integrity, publication ethics.

- iv) The scholars shall review 20 to 30 research papers and shall submit the report as well as present seminar before a three members committee duly constituted by the Dean, Research and Development and headed by the Chairperson/Director or Senior teacher of the Department/School for evaluation of paper PPD-102: Review of Literature and Seminar at Departmental level.
- v) The Staff Council of the Department/School shall finalize supervisors for the candidates admitted in Ph.D. Programme within one month of the commencement of coursework so that the scholars can have necessary guidance for the paper 'PPD-102 Review of Literature

and Seminar' and start preparing synopsis for their research proposal. The Staff Council shall allot supervisors in the order of merit of the candidates, while also considering the specialization of the supervisor.

- vi) The qualifying marks in each paper of the course work shall be 55% or its equivalent grade in the UGC 10-point scale. If found necessary, the Chairperson/Director of the Department/School may allow a candidate to undertake any additional paper/ course work in any sister department of the University.
- vii) There shall be an internal evaluation of Ph.D. course work examination. The coursework examination for Summer Term will be normally conducted in the 2nd half of December and the award of the same will be submitted by the Chairperson/Director of the department concerned to the Controller of Examinations within the 1st week of January of next year and the result will be declared within the 1st week of January. The reappear examination for course work shall be conducted within two months of the declaration of the result of the main examination of the course work and a second chance shall be given with the batch of the Winter Term.

The coursework examination for Winter Term shall be normally conducted in the 1st half of June and the award of the same shall be submitted by the Chairperson/Director of the department concerned to the Controller of Examinations within the 1st week of July and the result shall be declared within the 2nd week of July. The re-appear examination for course work shall be conducted within two months of the declaration of the result of the main examination of the course work and a second chance shall be given with the batch of the Summer Term.

- viii) It is only on satisfactory completion of Ph.D. course work, which is an essential part of the Ph.D. programme, a candidate shall be eligible to apply for registration to Ph.D. programme after successful completion of coursework. The admission of the candidate to the Ph.D. programme who fails to pass Ph.D. course work within stipulated period mentioned in sub clause-vii above shall stand cancelled.
- ix) A candidate is required to earn at least 75% attendance for the Ph.D. course work to be eligible for appearing in examination.
- x) All full time Ph.D. scholars, irrespective of discipline, shall be required to train in teaching/education/pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work
- xi) A candidate who has already completed Pre-Ph.D./Ph.D. course work including the course **Research and Publication Ethics (RPE) notified by UGC vide D.O. No. F.1-1/2018 (Journal/Care) in 2019 and Research Methodology Course** as per UGC regulations from this University or from any other State/Central Universities/Institutes of eminence or from Private Universities accredited at least "A grade" by NAAC may be exempted from Ph.D. course work by the Vice-Chancellor subject to the condition that such candidate have to

follow the complete admission process of the Ph.D. Programme and these candidates will be required to submit the fee mentioned in sub clause 25.4 along with Registration fee and Caution money (Refundable) mentioned in sub clause 25.3 of the clause 25 (**Fee Structure**). The validity of such course work will be three years from the year in which he/she passed the Ph.D. course work.

- xii) The Chairperson/Director of UTD/School concerned shall maintain a list of Ph.D. Supervisor (specifying the name of the supervisor, his/her designation, and the department/School), alongwith the details of Ph.D. scholars (specifying the name of the registered Ph.D. scholar, the topic of his/her research, date of admission) admitted under them on the University website and update this list every academic year.

9. Process of Registration for Ph.D. programme

- 9.1 The candidate shall submit the Application(s) to the Chairperson/Director of Department concerned/School on the prescribed form (**Appendix-Form-'B'**) along with synopsis for registration to Ph.D. programme so that the registration may be recommended by Departmental Research Committee (**DRC**) within **six months** from the declaration of result of the course work. The duration of six months for submission of synopsis for recommendation of registration to Ph.D. Programme in respect of the candidate having exemption in course work shall be counted from date of admission. The extension of further six months for submission of application for registration along with synopsis, on the recommendation of the Supervisor, may be given by the DRC in special circumstances on the merit of the case. If the candidate fails to submit the research synopsis even during the extension period granted by the DRC, his/her admission in Ph.D. programme shall be cancelled ab initio. However, her/his cancellation of admission may be revoked on the recommendations of DRC by the Vice-Chancellor on the merit of the case with a revocation fee of Rs. 20000/- subject to the condition that the scholar has to complete his/her thesis within the maximum period allowed in ordinance.
- 9.2 The Chairperson/Director of the Department/School concerned shall place the application(s) before the Departmental Research Committee. The candidate(s) will be invited to defend their synopsis/research proposal before DRC in the presence of Dean of concerned faculty and the Vice-Chancellor or his/her nominee. The Departmental Research Committee may
 - i) Recommend the research proposal for consideration by the Board of Studies & Research (BOS&R).
 - OR
 - ii) Suggest suitable changes in the research proposal.
 - OR
 - iii) Reject the proposal.
- 9.3 The Departmental Research Committee shall consist of all the regular faculty members of the department with Ph.D. Degree. However, outside member may be associated with the permission of the Vice-Chancellor.
- 9.4 The Departmental Research Committee will adopt the following procedure:

- a) While considering the applications for registration, the DRC will consider the synopsis submitted by the candidates.
- b) While recommending the registration of the candidate for consideration by Board of Studies & Research, the DRC shall clearly state whether in its opinion:
 - i) The subject proposed for research is suitable or not.
 - ii) The supervisor(s) is/are eligible or not.

The DRC may either reject the synopsis or may suggest suitable changes in the synopsis for reasons to be recorded. The candidate is required to resubmit the revised synopsis after having incorporated the suggested changes within a period of time specified by the Departmental Research Committee.

- c) "In special circumstances viz. in the case of subjects of interdisciplinary/multidisciplinary/inter speciality nature, the DRC may recommend a Co-supervisor who can be from within the University or its affiliated Govt./Govt. Aided Colleges running PG program in the subject concerned or from other universities (In case of Private University, it should be accredited at least "A grade" by NAAC)/Institutes of National Importance/Eminence and various Govt. Research Organization and Research Labs in the country/any autonomous institute established by the State Govt./Central Govt. as well, for reasons to be recorded. The qualifications for a Co-supervisor will be the same as prescribed for the supervisor at clause-11 of this Ordinance. The teacher to act as Co-supervisor is required to submit his consent on the prescribed proforma (Appendix-I) available on the University Website to the Chairperson of the concerned Department at the time of submission of synopsis by the research scholar for consideration of DRC."

9.5 The DRC shall clearly mention the Registration No., Name of the scholar, Topic of Research, Name of Supervisor, Co-supervisor if any recording full justification in its recommendations. The recommendations of the DRC for Ph.D. registration shall be placed before the BOS&R for its consideration and approval. The meeting of the BOS&R will normally be held within one month of the meeting of the DRC. The BOS&R recording the specific details of scholars as recommended by the DRC shall submit the recommended cases of Ph.D. registrations to the Vice-Chancellor for consideration and approval through Dean, Research and Development. If the BOS&R recommends the title of research with minor change in case of any scholar, the justification for the same shall be recorded by the BOS&R in its minutes.

9.6 The recommendations of BOS&R shall be placed before the Vice-Chancellor through Dean Research and Development for confirmation of the Registration of the scholars. After the approval of the Vice-Chancellor, the provisional admission/registration of the research scholar shall be confirmed and he/she shall be finally registered for the Ph.D. program. Consequently, the provisional enrolment number allotted to the research scholar shall become his/her Registration Number. **However, the Vice-Chancellor in cases where he deems appropriate,**

may refer the recommendations of the BOS&R for confirmation of Registration of the scholar of the department concerned to Academic Council for approval.

- 9.7 The date of confirmation of registration of the research scholar shall be the same on which the BOS&R recommends the registration of the candidate. In case of research scholars with UGC-JRF, the date of joining/provisional admission in the department for Ph.D. programme shall be considered as date of registration to upload their master data on UGC portal for the purpose of grant of fellowship.
- 9.8 The Chairperson/Director of the Department/School shall make best efforts to provide infrastructural facilities to the scholars on continuous basis.
- 9.9 The Chairperson/Director of the Department/School shall provide a soft copy of the e-Synopsis of the scholar registered for Ph.D. programme to the University Library within one month of the confirmation of the registration to upload the same on INFLIBNET website as per UGC guidelines.

10. Modification in Topic of Research

A candidate may, normally not later than two years after his/her registration, modify the topic of Research on the recommendations of the Board of Studies & Research. However, minor modifications may be allowed even later on, on the recommendations of the BOS&R and with the approval of the Vice-Chancellor.

11. Qualifications of the Supervisor/Co-Supervisor

- 11.1 Any full time regular Professor/Associate Professor of the University with a Ph.D. degree with at least five research publications in peer reviewed or refereed journals and any regular full time Assistant Professor of the University with a Ph.D. degree with at least three research publications in peer reviewed or refereed journals can act as Research Supervisor/Co-supervisor. The publications should be of high quality journals as per UGC CARE list. The conditions on publications are applicable to the co-supervisors from other universities/institutes as well. Ph.D. degree awarded by the University under the supervision of a faculty member who is not an employee of the University would be in violation of this Ordinance.

Provided that in areas/disciplines where there is no, or only a limited number of peer-reviewed or refereed journals, the Vice-Chancellor may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.

- 11.2 A regular teacher fulfilling the requirements as mentioned in sub clause 11.1 above, may supervise the following numbers of research scholars at a time:

Designation	No. of Research Scholars
Professor	08
Associate Professor	06
Assistant Professor	04

The total number of scholars under a faculty member shall not exceed the number of scholars prescribed above in any case.

A Teacher may also supervise two Ph.D. scholars under supernumerary seats (one for International Students and one for other categories mentioned at subclause ix of clause 7 of this Ordinance) over and above his/her maximum prescribed limit as mentioned in above table. No fresh registration will be allowed by BOS&R/Vice-Chancellor to teachers who proceeded on Extra Ordinary Leaves. However, in the case of teachers on EOL/Left, the University may allow him/her to continue to act as supervisor if major part of research work has already been completed under his/her supervision. No Faculty member during last three years of his/her service shall be allowed to take new research scholars under his/her supervision. However, such faculty member can continue to supervise Ph.D. scholars who are already registered until superannuation and as a Co-supervisor after superannuation, but not after attaining the age of 70 years. In case, new supervisor in place of the superannuated supervisor is allotted to the scholar and if the new supervisor to be allotted has reached the maximum limit of scholars, the seat of such scholar under new supervisor shall be treated over and above the limit of the scholars, he/she is entitled to supervise.

Note:

- a) For joint supervision of a research scholar, the seat shall be counted as half for each teacher of the University acting as Supervisor or Co-supervisor for the purpose of the counting the limit as prescribed in sub clause 11.2.
- b) After the submission of Ph.D. thesis by the Research Scholar, the said seat of the teacher concerned will be considered as vacant.
- c) The GJUS&T faculty members shall obtain NOC from the University before giving their assent to become co-supervisor for Ph.D. students registered in other institutes/universities.

- 11.3 In case of relocation of a female Ph.D. scholar due to marriage or otherwise (due to transfer of her/her husband in case of Govt. Employee), the research data shall be allowed by the Vice-Chancellor on the recommendations of DRC/BOS&R with the consent of the supervisor to be transferred to the Higher Educational Institution to which the scholar intends to relocate, provided all other conditions in this ordinance are followed, and the

research work does not pertain to a project sanctioned to the University/Supervisor by any funding agency. Such scholar shall, however, give due credit to the parent institution and the supervisor for the part of research already undertaken. Further, such female Ph.D. scholars from other State Universities may also be allowed by the Vice-Chancellor on the recommendations of DRC/BOS&R of the department concerned to be migrated to this university with the consent of the teacher provided that there is vacant seat with the teacher under which she wants to do her research work.

12. Change of Supervisor/Co-supervisor

The change of Supervisor may be allowed:

- i) In case the Supervisor has expired or has left the service of the University.

OR

- ii) By mutual consent of both the Supervisor and the Research Scholar.

OR

- iii) In case of extreme hardships where it becomes almost impossible for a research scholar to continue his/her research work with the Supervisor or in case the Supervisor or the research scholar requests for the change of Supervisor on valid/genuine grounds, the candidate or supervisor will represent to the Chairperson/Director of the Department/School, who will put the matter before the DRC and BOS&R for decision. However, the change of Supervisor in either cases will be allowed after the approval of the Vice-Chancellor.

Note: In case of change of supervisor due to his/her sad demise, the seat of the scholar under the new supervisor will be treated over and above the maximum limit of scholars, a teacher is entitled to supervise.

13. Period of Research Work

- i. Every research scholar shall submit his/her thesis within a period of six years (including Ph.D. course work) but not before three years from the date of commencement of the course work failing which his/her registration shall be treated as cancelled. The minimum and maximum period of submission of thesis for the scholars permitted exemption of course work will be 2½ year and 5½ years from the date of admission in Ph.D. Programme.

However, the candidate may be allowed re-registration for extension of further two years (upto 8th years) paying a re-registration fee of Rs. 50,000/-, in exceptional cases, by the Vice-Chancellor on the recommendations of the Supervisor and the Departmental Research Committee. The Departmental Research Committee shall give proper justification while recommending such reregistration for extension mentioning the extent of work done by the scholar. Provided that the total period of completion of a Ph.D. Programme shall not exceed eight (08) years from the date of commencement of the coursework/date of admission. All the scholars running on extension shall submit their semester fees as usual till the half year in which they submit their thesis.

- ii. The women candidates and Persons with Disability (having more than 40% disability) may be allowed an additional relaxation of two years for submission of Ph.D. thesis, one year at a time by the Vice-Chancellor on the recommendations of Supervisor and Departmental

Research Committee with extension fee of Rs. 25,000/- per year. However, total period for completion of a Ph.D. programme in such cases shall not exceed ten (10) years from the date of commencement of coursework/date of admission. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. for up to 240 days. The period of maternity leave shall be considered towards counting of stipulated period of submission of thesis. The Department concerned shall issue the leave orders to this effect under intimation to the Registration Branch, Accounts Branch and Secrecy Branch.

- iii. No research scholar shall join any other regular course of study while doing research. The Vice-Chancellor may, however, allow a candidate to appear in any examination or to attend a course which is conducive to his or her research and is of minor nature, including improvement of any previous result.

14. Residential Requirement

- i. All the employed candidates seeking admission to Ph.D. programme (full time/part time) shall have to produce NOC from their employer at the time of counselling stating that:
 - a) The candidate is permitted to pursue studies on a part-time/full time basis .
 - b) His/her official duties permit him/her to devote sufficient time for research.
 - c) He/She will be relieved from the duty to complete the coursework.

After admission, they shall have to submit their leave sanction orders and relieving certificate from their employer for the entire duration of the first semester of the Ph.D. course work within two weeks of the date of admission failing which their admission stands cancelled.

- ii. Further, a two years residential requirement is mandatory for all the candidates admitted on full time basis during the entire PhD. Programme. The scholars getting fellowships/scholarship will have to remain on campus throughout their research work during their fellowship/scholarship period.

The supervisor concerned shall maintain the record of attendance of each scholar to ensure the fulfilment of the residential requirement and submit the same to the Chairperson/Director of the Department/School concerned on monthly basis. The supervisor shall submit a certificate to this effect to the Controller of Examinations at the time of submission of thesis.

- iii. In case, a research scholar intends to join service after the enrolment in Ph.D. course, he/she will have to submit an application to the Chairperson/Director of the Department/Institute/School concerned to seek permission from the competent authority of the University, subject to the fulfilment of stay condition required under sub clause (ii).

In case, a scholar gets the service during the 1st semester of Ph.D. course work, he/she shall also submit leave sanction orders and relieving certificate from his/her employer for the remaining period for the 1st semester alongwith submission of NOC from his/her employer as mentioned in sub clause-(i) within 15 days of his appointment in service, with the application seeking permission of the competent authority

Further, if such candidate(s) has been getting any kind of scholarship from the University or from outside organizations (i.e. University Research Scholarship/Fellowship, JRF/SRF etc.), he or she shall also mention it in the application seeking permission of the competent authority and the same shall be discontinued automatically from the date of his joining in the service. The Chairperson/Director of the concerned Department/ Institute/School shall inform the concerned branches about it. Such scholar shall inform the respective funding agency about the discontinuation of the fellowship through Supervisor and do the needful as per terms and condition of the fellowship.

A full time Research Scholar if selected to a regular Govt. job may be allowed to be converted to Part Time scholar after completion of course work by the Vice-Chancellor on the recommendations of Departmental Research Committee (DRC). The seat of the scholar so converted in Part Time mode shall not be treated as supernumerary. The same shall remain in the prescribed limit of scholars, a teacher is entitled to supervise as mentioned in table at sub clause 11.2 of clause 11.

- iv. A Part time scholar shall have contact hours with their supervisors for minimum 180 hours per year till submission of the thesis.

15. Requirements after completion of Course Work-Ist semester

- i) Every research scholar will be required to show continuous semester wise progress after the completion of course work (Ist Semester) of his/her Ph.D. work from IInd Semester onward till the submission of the thesis and it will be monitored by the supervisor of the candidate.
- ii) Every research scholar shall be required to submit his half yearly (semester report) on the prescribed proforma (**Appendix-II**) **within 10 days of end of each semester**. The supervisor of the research Scholar will give assessment about the progress of the scholar. The Report shall be placed before the Departmental Research Committee for its evaluation in its meeting to be held preferably in the month of **January and July**. The progress report along with receipt of fee paid for that half year (Semester) will be submitted to the Chairperson/Director of the department/school concerned for record and he/she will ensure, before accepting the progress report, that the scholar has paid all fees/dues up to the period of the submission of the half yearly report. In case two consecutive six monthly (**semester**) reports are unsatisfactory, the Chairperson/Director of the Department/School, on the recommendations of the DRC may recommend to BOS&R for cancellation of the registration. However, the DRC will record in writing the reasons for the report to be unsatisfactory and issue a show cause notice to the scholar to explain his version before recommending the cancellation of registration to the BOS&R. The Chairperson of the Department concerned shall submit one copy of the filled up proforma of progress report of the scholar (Appendix-II) to the Registration Branch along with minutes of DRC.

- iii) Once in a year, the Research Scholar will present a seminar on his/her research conducted in the previous year, before DRC. This seminar will be organized by the Chairperson/ Director of the Department/School concerned.

The Ph.D. scholars shall publish two research papers [not review article(s)] relevant to the research topic/thesis having the complete address of the university with research scholar as first author, supervisor as corresponding author and having good impact factor, in refereed journal(s) as per UGC CARE list. The Ph.D. scholar is also required to present at least one research paper in international/national conference/seminar/workshop/symposium before the submission of the thesis, and produce evidence for the same in the form of certificate/acceptance letter or the reprint of the published paper. The copy of published papers and certificate of presentation(s) should also be submitted along with the Ph.D. thesis. However, only publications having the name of supervisor and affiliation of the University shall be considered.

- iv) Prior to submission of the thesis, the student shall make a Pre-submission Ph.D. presentation before DRC. It may be open to all faculty members and research students for getting the feedback and comments which may be incorporated into the draft thesis under advice of the supervisor.

16. Cancellation of Registration/Re-Registration

The Vice-Chancellor, on the recommendations of the BOS&R, may cancel the registration of a research scholar whose research work has been reported to be unsatisfactory by the Board of Studies & Research of the department/school concerned or who has not submitted his/her two consecutive progress reports before DRC or who has been found indulged in any fraudulent activity/ misconduct/ misbehaviour/ malpractice/ malfeasance/ wrongdoing/ grave indiscipline. However, if Vice-Chancellor deems appropriate, may refer the matter to the Academic Council for its consideration and approval. However, approval of Academic Council is not necessary if the scholar himself/herself requests to the Chairperson concerned for cancellation of his/her registration in Ph.D. programme. There will be no refund of fee, if any deposited by the scholar in the university in any case.

In case of cancellation of registration due to any reason except due to involvement in any fraudulent activity/ misconduct/ misbehaviour/ malpractice/ malfeasance/ wrongdoing/ grave indiscipline, the scholar may request for re-registration with a re-registration fee of Rs. 50,000/- for consideration of DRC/BOS&R. The re-registration shall be allowed by the Vice-Chancellor on the recommendation of BOS&R under the same Supervisor or new supervisor as deemed appropriate by DRC/BOS&R. The re-registered candidate shall submit the thesis under prevailing rules of Ph.D. in the University. DRC/BOS&R shall examine appropriateness of existing topic/title of research and may recommend change in case of outdated/non-relevant research proposal. After re-registration, same rules of submission of thesis as applicable on fresh registration shall be applicable on the re-registered scholar. The scholar shall pay all semester fees till the half year in which the thesis is submitted by him/her.

17. Appointment of Examiners

On submission of the application/request along with an abstract of the thesis including synopsis/chapter scheme with minimum two research publications [not review article(s)] having the complete address of the university with research scholar as first author, supervisor as corresponding author and having good impact factor, at least one certificate of participation and presentation of thesis research work in international/national seminar/conference/symposium outside Haryana, by the research scholar (irrespective of his/her session of admission/Registration) to the Chairperson duly certified and recommended by the Supervisor that his/her research work is complete and the PhD thesis is ready for submission, the supervisor will draw a list of at least **10** examiners/specialists [**02** from Haryana and Eight from different states (one from each state)] (with complete mailing address, mobile number and email address) keeping in mind their specialization for the evaluation of the thesis of her/his research scholar before DRC. The specialists recommended shall be either Professors or persons of eminence and their specialization shall be relevant to the topic of the thesis. Names of only those persons shall be recommended who are known to be physically fit and are able to undertake a journey for the conduct of viva-voce examination, if invited. Further, the Departmental Research Committee of the respective departments/school shall recommend a panel of at least **08** examiners from the list of examiners/specialists provided by the supervisor confidentially. No examiner should be from the institutes/universities located in Hisar. There should not be more than 02 examiners from the institute/universities located in Haryana. No two examiners should be from the same outside state and university/institute.

18. Submission of Thesis

- i) A scholar shall submit his/her thesis in English/Hindi medium. He/she shall submit four copies of the thesis along with six copies of the summary of the thesis in about 300 words in English/Hindi medium indicating how far the thesis embodies the result of his own research and in what respects his/her investigations appear to him/her to advance the knowledge of subject of his/her thesis. The candidate may submit the copies of the summary within one month of the meeting of DRC in which Pre submission seminar presentation was given, so that the Controller of Examinations(COE) may get the examiners appointed in anticipation of the submission of the thesis. The summary may be sent to the examiners while seeking their consents for evaluation of the thesis.
- ii) The candidate shall submit his/her thesis in e-version as well as in printed version within six months from the date on which the DRC has approved the appointment of examiners provided that the Board of Studies and Research may, for satisfactory reasons, extend the period by a maximum of another six months only subject to the condition that the extension period should remain within stipulated period of PhD programme.

- iii) The scholar shall initially submit the thesis in soft binding form alongwith soft copy of the thesis preferably in pen drive. After the evaluation of thesis by the examiners, if both the examiners find the thesis worthy of being awarded Ph.D. degree, the Secrecy Branch shall inform the scholar through the supervisor within 15 days to submit hard bound copy of his/her thesis. If the thesis has been accepted with minor changes, the Secrecy Branch will intimate the scholar through the supervisor within 15 days of receipt of both the evaluation reports. The scholar will submit the revised thesis incorporating all the changes, suggested by the examiners, in hard bound form in the Department concerned. The scholar and supervisor shall submit a signed declaration along with the Final thesis that all the modifications suggested by both the examiners have been incorporated in the final thesis. The thesis finally submitted shall be in PDF format with all the essential elements (like Title of Thesis, declaration regarding prevention of plagiarism, certificates, abstract, dedication, Acknowledgement, table of contents, list of abbreviations, list of tables and figures, list of appendices (if any), chapters, conclusion, References, list of publications, Proof of Publications) as given in **Appendix-III**. It shall be up to 200 pages typed both sides (Font - Times New Roman, Size-12 and Line spacing-1.5) excluding the pages having title, acknowledgement, contents, references etc. and shall be a piece of research work characterized either by discovery of new facts or enunciation of a new theory or theories or by fresh interpretation of known facts. In either case, it shall evince the capacity of the candidate for critical examination and judgement. The literary presentation of thesis should be of a high standard-concisely laid out in a logical sequence. It should be far from grammatical and typographical errors. The research work cited in the thesis must be referenced properly. The research scholar should save and upload each certificate and chapters in a separate file using an agreed file naming conventions in *PDF* format as given in **Appendix-IV**. All the files will be converted in PDF format and finally submit the softcopy of the final hard bound thesis preferably in pen drive.
- iv) The research supervisor will verify and certify that the scholar has submitted complete, correct and same version of thesis that is submitted in print version as given in **Appendix-V**
- v) The research scholar is also required to submit the certificates regarding compliance of UGC, Regulations 2009/2016/2022, Similarity Index of the thesis, Indexing of his/her publications based on the thesis work, Ph.D. Ordinance compliance as per format mentioned in **Appendix-VI**
- vi) The research scholar should also submit declaration/consent for assigning non-exclusive rights to archive and distribute their doctoral work through Shodhganga as well as through university's IPR in full-text. A draft copy of the Form is enclosed as **Appendix-VII**.
- vii) The research scholar should register himself/herself on Shodhganga web site and create an account so as to submit his/her thesis, create metadata for his/her thesis based on bibliographic information and assign appropriate keywords/descriptors.
- viii) Further, the thesis will be uploaded only after the award of degree.

19. Evaluation of Thesis

19.1 The thesis shall be finally referred to two examiners, out of which at least one shall be from outside the State, selected by the Vice-Chancellor from the panel drawn by DRC. The evaluator will state categorically whether in his or her opinion:

- a) Thesis should be accepted for the award of Ph.D. Degree;
OR
- b) It should be referred to the scholar for presenting it again in revised form;
OR
- c) It should be rejected.

The evaluator shall state reasons for approval or rejection of the thesis. If he or she recommends re-submission/ rejection, he or she shall specifically indicate what modifications he or she wants the candidate to effect and incorporate in the thesis.

In case one of the examiners rejects the thesis, the Vice-Chancellor will send the thesis for evaluation to the third examiner for taking a final decision. If the third examiner also does not recommend acceptance of the thesis, the thesis shall be rejected and the Ph.D. scholar shall be declared ineligible for the award of a Ph.D. If the examiner(s) recommends re-submission with modifications, in that case the candidate shall be asked to modify the thesis and submit the same after having carried out all the modifications within a year with a certificate from the supervisor(s) that all the modifications have been carried out as suggested by the examiner.

A re-submitted thesis shall be examined by the examiner(s) who evaluated the original thesis unless any of them is unable or unwilling to do so in which case substitute(s) shall be appointed from the panel by the Vice-Chancellor. The examiner(s) for the revised thesis will only see whether the objections raised have been met or not.

19.2 A candidate whose thesis is rejected shall not be registered again for the Ph.D. Degree with the same topic.

20. Viva-Voce Examination

20.1 The viva-voce examination shall be held by a Board of Examiners consisting of Supervisor and one of the examiners who evaluated the thesis, to be nominated by the Vice-Chancellor, within a period of one month of the receipt of reports of evaluation of thesis through online/offline mode. In case both the examiners who evaluated the thesis are unable to conduct the viva-voce, the Vice-Chancellor shall appoint another examiner out of the panel to conduct the viva-voce examination.

20.2 The offline viva-voce examination shall, unless ordered otherwise by the Vice-Chancellor, be held in the University at Hisar. The date, time and subject of the thesis shall be notified by the Chairperson/Director of the Department/ School concerned among the teachers and the research scholars of the faculty concerned, who may be permitted to be present at the time of the viva-voce examination. The teachers/scholars permitted to be present shall be allowed to ask any questions to the examinee, once the viva by the external expert is over.

20.3 After the viva-voce examination, the reports of all the examiners shall be placed before the Research Degree Committee consisting of the Vice-Chancellor, the Dean of the Faculty concerned, Dean Research and Development, Chairperson of the University Teaching Department/Director of School and one of the Supervisor/Co-supervisor. It shall be the function of the Committee to consider the reports and to recommend to the Academic Council whether:

i) The degree be awarded;

OR

ii) The thesis be revised and resubmitted for re-examination

OR

iii) The thesis be rejected

Further, provisional degree shall be issued from the date of meeting of Research Degree Committee to such students in whose cases the Research Degree Committee has recommended for the award of Ph.D. Degree.

21. After finalization of the award of Ph.D. Degree, one copy (both hard and soft) will be sent to the University Library and the other to the Department. The third copy may be returned to the candidate. Further, the University shall submit a soft copy of the Ph.D. thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET, accessible to all Institutions/Universities.

22. Prior to the actual award of the Degree, the University shall issue a certificate certifying that the degree has been awarded in accordance with the provisions of UGC (Minimum standards and Procedure for award of Ph.D. Degree) Regulations, 2022. Further, the date of award of Ph.D. degree i.e. date of meeting of Research Degree Committee should clearly be mentioned on the Ph.D. degree, irrespective of the date of convocation.

23. Publication of Thesis

No thesis shall be published without the prior permission of the University. The research scholar may apply to the Chairperson of the Department for permission to publish his/her thesis. The Chairperson/ Director will place the request before the Departmental Research Committee which shall satisfy itself that the thesis is in publishable form. It will be guided by the reports of the examiners. A certificate will be obtained from the supervisor to the effect that the necessary improvements suggested by him/her and the examiners have been duly carried out. All published thesis will be put on University website and will include catalogue and abstract of the thesis.

24. Withdrawal of Ph.D. Degree due to Plagiarism

The Academic Council, on the recommendation of the Vice-Chancellor, shall have the right to withdraw the degree if plagiarism or duplication or any other form of malpractice is detected later at any stage, and to initiate such further action as it deems fit. Provided that the Vice-Chancellor shall get the complaint in the matter investigated confidentially and shall give the accused an opportunity to explain before he/she makes his/her recommendation on the matter to the Academic Council. There shall be no limitation of time for this action of the Academic Council.

25. Fee Structure

25.1 Fees to be paid by Ph.D. candidate during the Ph.D. programme will be as laid down by the University from time to time. No fee other than the caution money will be refunded in any circumstances.

25.2 Information Brochure-(Ph.D.) & Online Application Fee: Rs.2000/-(Rs.500/- for SC/BC & Rs. 1000/- for EWS candidates of Haryana).

25.3 Fee payable at the time of admission (Ph.D. Course Work- First Semester)

i)	Fee for course work	Rs. 14000/-
ii)	Library membership	Rs. 2500/-
iii)	Registration fee	Rs. 3500/-
iv)	Caution Money (Refundable)	Rs. 5000/- one time

25.4 Fee payable after completion of course work (i.e. after First Semester) upto the half-year in which thesis is submitted by the Ph.D. scholar:

i.	Continuation Fee	Rs. 750/- per half year
ii.	Tuition fee	Rs. 8500/- per half year
iii.	Library fee	Rs. 1500/- per half year
iv.	Internet fee	Rs. 1500/- per half year
v.	Laboratory fee in Faculty of Engg. & Tech., Environmental and Bio Science & Tech., Physical Sciences (except department of Mathematics), Medical Sciences	Rs. 10000/- per half year.
Full fee is required to be paid for that half year in which thesis is submitted by the scholar.		

25.5 Fee for Foreign Students : US \$ 1000 per half year (**inclusive of all kind of fees**).

25.6 During the Ph.D. program, the Ph.D. Scholars are required to deposit their half year (Semester) fees and other fees on or before 31st July (Odd semester-Summer Term & Even Semester-Winter Term) and 31st January (Odd Semester-Winter Term & Even Semester-Summer Term) with the Chairperson of the concerned department online otherwise late fee for delayed payment will be as under:

a) up to 30 days	Rs. 1000/-
b) up to 60 days	Rs. 2000/-
c) after 60 days	Admission shall stand cancelled abinitio. However, on the request of scholar with proper justification, the Vice-Chancellor, on the

	recommendation of Supervisor & Chairperson of the concerned Department/School may allow re-admission with a fee of Rs. 5000/-
--	---

“The first semester (Odd semester) of Summer Term will commence from month of July of each year. However, in case, the course work starts late after July due to one reason or the other, the date of deposit of fee of Even semester and Odd semester will be extended by duration of late period. For example, if course work starts from August, then the date of deposit of fee without late fee (Even Semester) and Odd Semester will be treated as “(28 February instead of 31st January) and 31st August instead of 31st July)” respectively.

“The first semester (Odd semester) of Winter Term will commence from month of January of each year. However, in case, the course work starts late after January due to one reason or the other, the date of deposit of fee Even semester and Odd semester will be extended by duration of late period. For example, if course work starts from February, then the date of deposit of fee Even Semester and Odd Semester will be treated as “(31st August instead of 31st July) and (28th February instead of 31st January)” respectively.

25.7 Examination Fee (to be paid at the time of submission of thesis): **Rs.15000/-**

25.8 The Scheduled Caste students of Haryana whose family income from all sources is up to Rs.2.50 Lacs per annum as prescribed by the State Govt. for Post Matric Scholarship and who produce, at the time Ph.D. Registration, the “Caste” and “Income” certificates etc. issued by the competent authority and updated Parivar Pehchan Patra (PPP), are not required to pay any kind of fees and they shall pay a sum of Rs. 5000/- (refundable) as security/caution money. The eligible SC students will apply the Post Matric Scholarship forms on the concerned Portal. The fee will be recovered from his/her scholarship amount. In case, the student does not apply for scholarship or is found not eligible for award of Post Matric scholarship or being eligible he/she is not awarded Post Matric scholarship due to one reason or the other, and the fees is not deposited by the students to the University within 07 days after receiving the Post Matric Scholarship amount through Direct Benefit Transfer in her/his account, he/she will be liable to pay full fee along with late fine of Rs. 10/- per day subject to maximum of Rs. 5000/-. Degree will be issued only after submitting the No Dues Certificate/Clearance of fees.

25.9 After the award of Ph.D. degree, on the request of the scholar, the Caution money deposited for Ph.D. programme by the scholar will be refunded by the Accounts Branch of the university as per procedure of UG/PG courses on the recommendations of Chairperson / Director of the department / school concerned.

25.10 **Fee concession for regular university employees:** The fee concession as mentioned under shall be granted to the University (GJUS&T, Hisar) regular employees or their spouse/wards (other than Post Matric Scholarship cases) in Ph.D. Programme:

Category of Employee	Fee concession granted
First/Ind Class Officers and their spouse/wards	50% of total non-refundable fee.
Class-III employees and their spouse/wards	75% of total non-refundable fee.

Class-IV employees and their spouse/wards	Full fee concession on total non-refundable fee
---	---

The Audit Staff posted in the University will also be granted above fee concession at par with the University employees for Ph.D. programmes with effect from the academic session 2019-20 till their posting at the University. This rule will not be applicable retrospectively.

25.11 Re-registration Fee/Revocation of Cancellation of Admission Fee :

For extension of two years after expiry of maximum period of 06 years of submission of thesis	Rs. 50000/-
For extension of further two years (one year at a time) after 08 years for Female and PWD research scholars	Rs. 25000/- per year.
For Revocation of cancellation of Admission for not submitting the synopsis within the prescribed time limit	Rs. 20000/-
For Re-registration in case of cancellation of Registration due to unsatisfactory work/non completion of Ph.D. programme within time limit allowed in clause-13 (Period of Research Work).	Rs. 50000/-

26. Remuneration payable to each examiner will be Rs. 3000/- for evaluation of thesis and Rs. 2000/- for viva-voce.
27. In case of any clarification/ambiguity/dispute, the power to interpret the rules vests with the Vice-Chancellor, the decision of the Vice-Chancellor will be final and binding.
28. All disputes are subject to the jurisdiction at Hisar.

Appendix-I



GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

(Established by State Legislature Act 17 of 1995)

'A+' GRADE NAAC Accredited

**Proforma for approval of appointment of Co-supervisor of a Research Scholar in Ph.D. programme at GJUS&T, Hisar.
(To be submitted to the Chairperson of the concerned Department at the time of submission of Synopsis by the Research scholar).**

1. Name of Co-supervisor (in capital letters) : _____
2. Designation : _____
3. Department / Discipline : _____
4. Name of Organization/University : _____
5. Academic Qualification : _____
6. Specialization : _____
7. No. of Publications (Attach Bio-Data with list of publications) : _____
8. No. of scholars under Supervision / Co-supervision : In GJUS&T: _____ Outside GJUS&T: _____
9. NOC issued by the Employer of Co-supervisor (Annexure-1) : _____
10. Name of Research Scholar & Department : _____
11. Topic of Research : _____

(Signature)

Name of supervisor: _____
Designation : _____
Department : _____
Email ID : _____
Contact No. : _____

(Signature)

Name of Co-supervisor: _____
Designation : _____
Email ID : _____
Contact No. : _____

Justification to be given by the Supervisor for appointment of Co-supervisor :

(In case of shortage of space, attach justification in separate Annexure)

Recommendations of DRC of the concerned Department stating whether the person is eligible for appointment as Co-supervisor as per Ph.D. ordinance of GJUS&T, Hisar

Eligible & Recommended
Not Recommended

(mark ☒ whichever is applicable)

Signature
(Chairperson, DRC)

(Annexure-I)

No Objection Certificate
(To be furnished by a Co-supervisor outside GJUS&T, Hisar)

This university/Organization has no objection if (Name of Co-supervisor) _____ is allowed to act as Co-supervisor of (Name of candidate) _____, a research scholar in Ph.D. programme in the Faculty/Department _____ at Guru Jambheshwar University of Science & Technology, Hisar.

**Signature of Employer of Co-supervisor
(with seal)**

Appendix-II

PROFORMA FOR HALF-YEARLY (Semester) PROGRESS REPORT OF REGISTERED RESEARCH SCHOLARS FOR THE

PERIOD ENDING _____

PROGRESS REPORT FROM _____ TO _____

PART-A

1. Name of Research Scholar :
2. Correspondence Address :
3. Registration No. :
4. Date of Confirmation of Registration :
5. Semester Fee Deposited** : R.No. _____ Date _____
6. Approved Topic of Research :
7. Nature of Fellowship, if any :
8. Details of leaves availed during the period :
under report, if any
9. Research work done during the period :
10. * Research papers published :
11. * Any other information not covered :

Date:

(Signature of the Research Scholar)

*Attach separate sheets, if required, for details

** Attach photocopies of University Cash Receipt as proof of semester fee deposited

PART-B

REPORT OF SUPERVISOR

1. Conduct of the Research Scholar : _____
2. Overall Assessment of the progress and specific comments of the supervisor :

Date: _____ (Signature of the Supervisor/Co-Supervisor)
Department of _____
GJUS&T, Hisar

PART-C

SPECIFIC RECOMMENDATIONS OF CHAIRPERSON/DIRECTOR OF THE DEPARTMENT/SCHOOL

Date : _____ (Signature of the Supervisor/Co-Supervisor)
Department of _____
GJUS&T, Hisar

Note: The Chairperson of the Department concerned shall submit one copy of the above filled proforma regarding progress report of the scholar to the Registration Branch along with minutes of DRC.

Appendix-III

TITLE OF THE THESIS

A thesis submitted to the

Name of the Faculty

for the award of the degree of

DOCTOR OF PHILOSOPHY

in

NAME OF THE SUBJECT/SPECIALISATION

Name of the scholar

Registration Number:

Name of the Supervisor with Designation

Name of the Department

GJUS&T, Hisar



Name of the Department

Guru Jambheshwar University of Science & Technology

Hisar -125001, India

Month, Year



Name of the Department
Name of the Faculty
Guru Jambheshwar University of Science & Technology
Hisar -125001, India

DECLARATION

I, [Name of Research Scholar], Registration No. declare that the material embodied in the thesis entitled **"TITLE OF THE THESIS"** submitted to the[Name of the Faculty], Guru Jambheshwar University of Science & Technology, Hisar for the award of the degree of Doctor of Philosophy under the supervision of Prof./Dr.[Name of Supervisor] is my original research work. I have adequately cited and referenced the original sources, wherever, I have included any material/research work of others in this thesis. I have checked the similarity index of my thesis using TURNITIN and it is less than 10 percent as per the university norms.

I have adhered to all principles of academic honesty and integrity. I do undertake that this research work has not been submitted, in part or in full, to any other University or Institution for the award of any other degree.

Name and Signature of the Research Scholar

(Registration Number)

Department/School

GJUS&T, Hisar

Counter Signature of the Supervisor

Name of the Supervisor

Name of the Department/School

GJUS&T, Hisar



Name of the Department
Name of the Faculty
Guru Jambheshwar University of Science & Technology
Hisar -125001, India

Certificate

This is to certify that this thesis entitled "**TITLE OF THE THESIS**" being submitted by [NAME OF THE RESEARCH SCHOLAR], [Registration number], to the [Name of the Faculty], Guru Jambheshwar University of Science & Technology, Hisar for the award of the degree of **DOCTOR OF PHILOSOPHY** in [Subject/Specialisation] is a bonafide research work carried out by him/her under my supervision. S/He has met all the requirement of the PhD ordinance of the university applicable to him/her.

Name of the Supervisor

Name of the Department/School

GJUS&T, Hisar

Signature of the Chairperson/Director
with Seal

Abstract

[Type your Abstract here]

Dedication (If any)

[Type your Dedication here]

Acknowledgement

[Type your Acknowledgement here]

Table of Contents

[Type your Table of Contents here]

List of Abbreviations

[Type your List of Abbreviations used in the thesis here]

List of Tables

[Type your List of Tables here]

List of Figures

[Type your List of Figures here]

List of Appendices (If any)

[Type your List of Appendices here]

Appendix I

Appendix II

.....

- A Ph.D. scholar admitted in the academic session 2020-21 and earlier must not include the dedication and acknowledge sections in the thesis. S/He may include these sections in their own copy of thesis.

Chapter 1: Introduction

[Type your contents of the First Chapter]

Chapter2 onwards to the Chapter on Conclusion

Appendix I onwards (If any)

[Include your Appendices here as Appendix I, Appendix II ...]

REFERNECES

The scholar shall follow the style of citation and style of listing as one of the standard journals in the subject area consistently throughout his/her thesis. For example, the scholar can use IEEE format or any author-date style such as APA. The uniformity in citation and list of references must be maintained. The following table shows the basic in-text citation for APA style.

Author type	Parenthetical citation at the end of the sentence	Narrative citation which occur in flowing text
One author	(Luna, 2020)	Luna (2020)
Two authors	(Salas & D'Agostino, 2020)	Salas and D'Agostino (2020)
Three or more authors	(Martin et al., 2020)	Martin et al. (2020)

The list of reference must be in alphabetical order of the second/surname of the authors for Author-Date style.

List of Publications

Type your list of publications here in the style of references followed in the thesis

Proof of Publications

[Include the first page of all publications based on the thesis work]

Table 1: Naming Convention used for each PDF file

01_title.pdf	Title Page
02_declaration.pdf	Declaration
03_certificate.pdf	Certificate
04_abstract.pdf	Abstract
05_Dedication.pdf	Dedication (if any)
06_acknowledgement.pdf	Acknowledgement
07_contents.pdf	Table of Contents
08_abbreviations.pdf	List of Abbreviations
09_list_of_tables.pdf	List of Tables
10_list_of_figures.pdf	List of Figures
11_list_of_appendices.pdf	List of Appendices, if any
12_chapter1.pdf	First Chapter Introduction
13_chapter2.pdf onwards	Second Chapter onward to the chapter of conclusion
14_list of publication.pdf	List of Publications
15_Proof of publications.pdf	Proof of publications

**CERTIFICATE OF EQUIVALENCY OF E-VERSION AND PRINTED
VERSION OF THESIS**

I verify that the thesis entitled “.....”
has been prepared by Mr./Ms.Registration No. under
my supervision and the scholar has submitted complete, correct and same e-version of thesis
as is submitted in the print version.

Name and Signature of the Supervisor

Name and Signature the Chairperson/Director
with seal

CERTIFICATE OF THE UGC REGULATION 2009/2016/2022

Certified that Mr./Ms., Registration No.has completed his/her research work on the thesis entitled “.....”. She/He has followed the UGC regulations 2009/2016/2022 (mention whichever regulations applicable). She/He has attended Ph.D. course work of six months duration.

Name and Signature of the Supervisor

Forwarded by:

Name and Signature of the Chairperson/Director
with seal

SIMILARITY INDEX CERTIFICATE

It is certified that Mr./Ms.S/o (D/o)

Registration no. has carried out his/her research work on the topic “.....”. The thesis has been checked by the TURNIT Software and I have reviewed the similarity index report. The similarity index is % and it below the accepted norms of the university. The thesis may be considered for the award of the degree.

The following is permitted to be excluded while checking similarity index using TURITIN:

- i. Published research papers based on the thesis work where researcher is an author.
- ii. All the quoted work reproduced with all necessary permission and/or attribution.
- iii. The front page, all certificates, declarations, Table of Contents, List of Figures, List of Tables, List of Abbreviations and references.
- iv. All generic terms, laws, standard symbols and equations.
- v. Common knowledge/definitions or coincidental terms up to 14 consecutive words.

Name and Signature of the Supervisor

Name and Signature of the Chairperson/Director
with seal

CERTIFICATE OF INDEXING OF THE JOURNALS

It is certified that Mr./Ms.Registration No.has completed his/her research work on the Topic“.....”.The research scholar has published his research work in the following journals:

Sr. no.	Name of the Journal / Conference	Indexing (SCI/SCOPUS/UGC CARE) / Refereed only	Paid/Unpaid	Date of Publications/ Acceptance
1				
2				
3				
4				

Name and Signature of the Supervisor

Name and Signature of the Chairperson/Director
with seal

CERTIFICATE OF COMPLIANCE OF THE Ph.D. ORDINANCE

It is certified that Mr./Ms.Registration No.has completed his/her research work on the topic“.....”. S/He has complied with all the requirements of the PhD ordinance. S/He has published research papers in referred journals and has attended or presented his/her research in national/international conference/workshop/symposium/seminar. It is further certified that the objectives of synopsis submitted by the scholar matches with the Ph.D. thesis submitted.

Name and Signature of the Supervisor

Name and Signature of the Chairperson/Director
with seal

Student Approval Form

Name of the Author	
Department	
Degree	
University	
Supervisor	
Thesis Title	
Year of Award	

Agreement

1. I hereby certify that, if appropriate, I have obtained and attached hereto a written permission/statement from the owner(s) of each third party copyrighted matter to be included in my thesis/dissertation, allowing distribution as specified below.

2. I hereby grant the university and its agents the non-exclusive license to archive and make accessible, under the conditions specified below, my thesis/dissertation, in whole or in part in all forms of media, now or hereafter known. I retain all other ownership rights to the copyright of the thesis/dissertation. I retain the right to use in future works (such as articles or books) all or part of this thesis, dissertation, or project report.

Conditions:

1.	Release the entire work for access worldwide	
2.	Release the entire work for "My University" only for	
	1 year	
	2 year	
	3 year	
	and after this time release the work for access worldwide.	
3.	Release the entire work for "My University" only, while at the same time releasing the following parts of the work (e.g. because other parts relate to publications) for worldwide access: a) References details and Synopsis only. b) References details, synopsis and the following chapters only c) Preview/Table of contents only	
4.	View only (No Downloads) (worldwide)	

Signature of the Scholar

Signature and seal of the Supervisor

Place :

Date :



Appendix-Form-B
No.....

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
(Established by State Legislature Act 17 of 1995)
"A+" Grade NAAC Accredited

Application Form for Registration to Ph.D. for such candidates who have qualified Ph.D. course work or are given exemption from Ph.D. course work.
Important: Candidates should read the Ph.D. Ordinance carefully before filling the Application Form. No column should be left unfilled.

To

The Chairperson/Director,

Guru Jambheshwar University of Science & Technology,
Hisar.

Space for
photograph
duly attested

Sir/Madam,

I intend to get myself registered for Ph.D. Programme in the Department/School
GJUS&T, Hisar and submit the following particulars in support of my candidates.

I have read the Ordinance-Doctor of Philosophy (Ph.D.) for this course and undertake to abide by its provisions faithfully.

PARTICULARS TO BE FILLED IN BY THE CANDIDATE

1. Name of Candidate:
(in block letters)
(In Hindi)
2. Father's Name
(In block letters)
(In Hindi)
3. Mother's Name
(In block letters)
(In Hindi)
4. Spouse Name
(In block letters)
(In Hindi)
5. Date of Birth 6. Category
7. Sex ☐ Male ☐ Female 8. Nationality
9. Permanent Address

 Pin
10. Mailing Address

 Pin
11. Telephone No. 12. Email

13. Registration No.

14. Belongs to area Rural ☐ Urban ☐

15. Aadhaar No

16. **Educational Qualifications:**

Examination	School/ College/ University	Year	%age	Subjects
Matriculation				
10+2				
B.A./B.Sc./B.Com./ B.Tech./B.E./ B. Pharma				
M.A./M.Sc./M.Com./ M. Pharma.				
M.E./M. Tech.				
Pre-Ph.D. Course work				
Any Other Exam				

17. **Employment record:**

Sr.	Name of Organisation with address	Designation	From	To	Salary (Rs.)

18. Research Experience (give details):

19. Title of the proposed Research :

(In English) _____

(In Hindi) _____

20. Name of proposed Supervisor and Co-Supervisor (Please attach written consent).

Supervisor: _____ Co-Supervisor _____

I declare that the information furnished above is correct to the best of my knowledge and belief. If any information is found incorrect, my registration to Ph.D. programme is liable to be cancelled.

Date: _____

(Signature of the Candidate)

21. Recommendation of Employer (Also attach a separate "No Objection Certificate from employer, if any)

(Signature & Stamp of Employer)

22. Recommendations of Board of Studies & Research (BOS&R)

Chairman, BOS&R

Certified that Mr./Ms./Mrs. _____ (For use of Registration Branch)
S/o / D/o _____ is eligible for registration to
Ph.D. program.

Dy./Asstt. Registrar (Regn.)

1. **CERTIFICATE OF CONSENT BY SUPERVISOR(S)/CO-SUPERVISOR**

I am willing to act as Supervisor/Co-supervisor of _____ on the topic of research* _____ in the department/school of _____. At present, _____ Ph.D. scholars are registered under my supervision in the University.

Date: _____

Signature of Supervisor/Co-Supervisor

2. **CERTIFICATE OF ELIGIBILITY OF SUPERVISOR(S)/CO-SUPERVISOR**

Certified that Dr. _____ fulfils the eligibility conditions required for a supervisor as laid down under latest ordinance of Doctor of Philosophy (Ph.D.) of the University.

Date: _____

Chairperson/Director,
Department of _____
GJUS&T, HISAR

3. **CERTIFICATE OF ELIGIBILITY OF CANDIDATE**

Certified that the applicant Mr./Ms. _____ is eligible/not eligible for registration in Ph.D. programme. If not eligible, give reasons:

Date: _____

Chairperson/Director,
Department of _____
GJUS&T, HISAR

RECOMMENDATIONS OF THE DEPARTMENTAL RESEARCH COMMITTEE (DRC)

1. Recommended/ Not Recommended: _____
2. Brief reasons, if not Recommended: _____

3. Proposed Supervisor : _____
4. Co-Supervisor, if any : _____
5. Number of Ph.D. Scholars : _____
currently supervising

Date: _____ Chairperson, Departmental Research Committee
Department of _____
GJUS&T, Hisar.

RECOMMENDATIONS OF BOARD OF STUDIES & RESEARCH (BOS&R)

1. Recommended/ Not Recommended : _____
2. Brief reasons, if not recommended: _____

3. Proposed Supervisor : _____
4. Co-Supervisor, if any : _____

Date: _____ Chairperson, Board of Studies & Research
Department of _____
GJUS&T, Hisar.

Note : The following documents are required to be submitted along with the application:

1. Attested photocopies of the mark sheets and degree of Matriculation, 10+2, Graduation and Post-Graduation etc.
2. Attested photocopies of certificates in support of qualification of JRF and Course Work Passed.
3. Original Migration Certificate issued by the last attended Institute/University.
4. Certificate of reserve category, if applicable.
5. No Objection Certificate, Relieving Certificate along with Leave sanction orders from the applicant's employer, if he/she is employed.

ANNEXURE A-I

LIST OF SCHEDULED CASTES IN HARYANA STATE

Sr. No.	Name of the Caste	Sr. No.	Name of the Caste	Sr. No.	Name of the Caste
1. 1A.	Ad Dharmi Aheria, Aheri, Hari, Heri, Thori, Turi	2.	Balmiki	3.	Bangali
4.	Barar, Burar, Berar	5.	Batwal, Barwaia	6.	Bauria, Bawaria
7.	Bazigar	8.	Bhanjra	9.	Chamar, JatiaChamar, Rehgar, Raigar, Ramdasi, Ravidasi, Balahi, Batoi, Bhambi, Chamar-Rohidas, Jatav, Jatava, Ramdasia
10.	Chanal	11.	Dagi	12.	Darain
13.	Deha, Dhaya, Dhea	14.	Dhanak	15.	Dhogri, Dhangri, Sigg
16.	Dumna, Mahasha, Doom	17.	Gagra	18.	Gandhila, Gandil, Gondola
19.	Kabirpanthi, Julaha	20.	Khatik	21.	Kori, Koli
22.	Marija, Marecha	23.	Mazhabi, Mazhibi Sikh	24.	Megh, Meghwal
25.	Nat, Badi	26.	Od	27.	Pasi
28.	Perna	29. 29-A	Pherera Rai Sikh	30.	Sanhai
31.	Sanhal	32.	Sansi, Bhedkut, Manesh	33.	Sansoi
34.	Sapela, Sapera	35.	Sarera	36.	Sikligar, Bariya
37.	Sirkiband				

Note: Further, the list of Scheduled Castes in Haryana State, if any, issued by the Haryana Government from time to time will be forwarded

LIST OF DEPRIVED SCHEDULED CASTES IN HARYANA STATE

Sr. No.	Name of the Caste	Sr. No.	Name of the Caste	Sr. No.	Name of the Caste
1	Ad Dharmi	13	Dhanak	25	Od
2	Balmiki	14	Dhogri, Dhangri, Sigg	26	Pasi
3	Bangali	15	Dumna, Mahasha, Doom	27	Perna
4	Barar, Burar, Berar	16	Gagra	28	Pherera
5	Batwal ,Barwala	17	Gandhila, Gandil, Gondola	29	Sanhai
6	Bauria, Bawaria	18	Kabirpanthi, Julaha	30	Sanhal
7	Bazigar	19	Khatik	31	Sansi, BhedkutManesh
8	Bhanjra	20	Kori, Koli	32	Sansoi
9	Chanal	21	Marija, Marecha	33	Sapela,Sapera
10	Dagi	22	Mazhabi, Mazhabi Sikh	34	Sarera
11	Darain	23	Megh, Meghwal	35	Sikligar, Bariya
12	Deha, Dhea, Dhaya	24	Nat, Badi	36	Sirikiband

ANNEXURE A-II

LIST OF BACKWARD CLASSES IN HARYANA STATE**BLOCK – A**

Sr. No.	Name of the Caste	Sr. No.	Name of the Caste	Sr. No.	Name of the Caste
1.	Aheria, Aheri, Heri, Naik, Thori or Turi, Hari	2.	Barra	3.	Beta, Hensi or Hesi
4.	Bagria	5.	Barwar	6.	Barai, Tamboli
7.	Baragi, Bairagi, Swami Sadh	8.	Battera	9.	Bharbhuja, Bharbhunja
10.	Bhat, Bhatra, Darpi, Ramiya	11.	Bhuhalia, Lohar	12.	Changar
13.	Chirimar	14.	Chang	15.	Chimba, Chhipi, Chimpa, Darzi, Rohilla
16.	Daiya	17.	Dhobis	18.	Dakaut
19.	Dhimar, Mallah, Kashyap- Rajpoot, Kahar, Jhiwar, Dhinwar, Khewat, Mehra, Nishad, Sakka, Bhisti, Sheikh-Abbasi	20.	Dhosali, Dosali	21.	Faquir
22.	Gwaria, Gauria or Gawar	23.	Ghirath	24.	Ghasi, Ghasiara or Ghosi
25.	Gorkhas	26.	Gawala, Gowala	27.	Gadaria, Pal, Baghel
28.	Garhi, Lohar	29.	Hajjam, Nai, Nais, Sain	30.	Jhangra - Brahman, Khati, Suthar, Dhiman-Brahmin, Tarkhan, Barhai, Baddi
31.	Joginath, Jogi, Nath, Yogi	32.	Kanjar or Kanchan	33.	Kurmi
34.	Kumhars, Prajapati	35.	Kamboj	36.	Khanghera
37.	Kuchband	38.	Labana	39.	Lakhera, Manehar, Kachera
40.	Lohar, Panchal-Brahmin	41.	Madari	42.	Mochi
43.	Mirasi	44.	Nar	45.	Noongar
46.	Nalband	47.	Pinja, Penja	48.	Rehar, Rehara or Re
49.	Raigar	50.	Rai Sikhs	51.	Rechband
52.	Shorgir, Shergir	53.	Soi	54.	Singhikant, Singiwala
55.	Sunar, Zargar, Soni	56.	Thathera, Tamera	57.	Teli
58.	Banzara, Banjara	59.	Weaver (Jullaha)	60.	Badi/Baddon
61.	Bhattu/ Chattu	62.	Mina	63.	Rahbari
64.	Charan	65.	Charaj (Mahabrahman)	66.	Udasin
67.	Ramgarhia	68.	Rangrez, Lilgar, Nilgar, Lallari	69.	Dawala, Soni-Dawala, Nyearia
70.	Bhar, Rajbhar	71.	Nat(Muslim)	72.	Jangam

At present Raigar and Mochi, Weaver (Jullaha) (BC) and Julaha (SC) and Badi Castes find a mention in the list of the both Scheduled Castes and Backward Classes. The persons belonging to these Castes who do not cover under the Scheduled Caste being Non-Hindu and Non-Sikhs can take the benefit under the Backward Classes only.

BLOCK B

1. Ahir/Yadav 2. Gujjar 3. Lodh/Lodha/ Lodhi 4. Saini, Shakya, Koeri, Kushwaha, Maurya 5. Meo
6. Gosai/ Gosain/ Goswami.

LIST OF FAKE UNIVERSITIES

State-wise List of fake Universities as on March 2023 declared by the University Grants Commission available on UGC website www.ugc.ac.in.

Delhi

1. All India Institute of Public & Physical Health Sciences (AIIPHS) State Government University, Office Kh. No. 608-609, 1st Floor, Sant Kripal Singh Public Trust Building, Near BDO Office, Alipur, Delhi-110036
2. Commercial University Ltd., Daryaganj, Delhi.
3. United Nations University, Delhi.
4. Vocational University, Delhi.
5. ADR-Centric Juridical University, ADR House, 8J, Gopala Tower, 25 Rajendra Place, New Delhi-110 008.
6. Indian Institute of Science and Engineering, New Delhi
7. Vishwakarma Open University for Self-Employment, Rozgar Sewa sadan, 672, Sanjay Enclave, Opp. GTK Depot, Delhi-110033.
8. Adhyatmik Vishwavidyalaya (Spiritual University), 351-352, Phase-1, Block-A, Vijay Vihar, Rithala, Rohini Delhi-110085.

Karnataka

1. Badaganvi Sarkar World Open University Education Society, Gokak, Belgaum, Karnataka.

Kerala

1. St. John's University, Kishanattam, Kerala.

Maharashtra

1. Raja Arabic University, Nagpur, Maharashtra

West Bengal

1. Indian Institute of Alternative Medicine, Kolkatta..
2. Institute of Alternative Medicine and Research, 8-A, Diamond Harbour Road, Builtech inn, 2nd Floor, Thakurpurkur, Kolkatta- 700063.

Uttar Pradesh

1. Gandhi Hindi Vidyapith, Prayag, Allahabad, Uttar Pradesh.
2. National University of Electro Complex Homeopathy, Kanpur, Uttar Pradesh.
3. Netaji Subhash Chandra Bose University (Open University), Achaltal, Alighrah, Uttar Pradesh.
4. Bhartiya Shiksha Parishad, Bharat Bhawan, Matiyari Chinhat, Faizabad Road, Lucknow, Uttar Pradesh-227105.

Puducherry

1. Sree Bodhi Academy of Higher Education, No. 186, Thilaspeth, Vazhthavoor Road, Puducherry-605009.

Andhra Pradesh

1. Christ New Testament Deemed University, # 32-23-2003, 7th Lane, Kakumanavarithota, Guntur, Andhra Pradesh-522002 or # fit No.301, Grace Villa Apts., 7/5, Srinagar, Guntur, Andhra Pradesh-522002.
2. Bible Open University of India, H.No. 49-35-26, N.G.O's Colony, Visakhapatnam, Andhra Pradesh-530016.

Note: Before finalizing the admissions the updated list of recognized examinations of Board of School Education, Haryana Bhiwani/ other boards / Universities is/are also required to be consulted.

ANNEXURE A-IV

Instructions regarding Bonafide Residents of Haryana issued vide letter No. 62/17/95-6 GSI Dated 3rd October, 1996, No. 62/32/2000-6GSI dated 23rd May, 2003 and No. 62/27/2003-6GSI dated 29th July, 2003 by the Chief Secretary to Government Haryana.

Subject: Bonafide residents of Haryana - Guidelines regarding.

I am directed to invite your attention to Haryana Govt. letters noted in the margin on the subject noted above vide which the instructions were issued regarding simplification of procedure for obtaining the certificate of Domicile for the purpose of admission to educational institution (including technical/medical institution). The matter has been reconsidered in the light of judgment delivered by the Hon'ble Supreme Court of India in the case of Dr. Pradeep Jain vs. Union of India and others reported as AIR 1984-SC-1421, wherein it has been held that instead of the word 'Domicile' the word 'Resident' be used in the instructions issued by the State Government and it has been decided to revise the Government instructions. Henceforth, the following categories of persons would be eligible for the grant of Resident Certificate: -

- i) Candidates, who have passed their qualifying examination for selection in an institution from a school/college in Haryana.
 - ii) Children / Wards (if parents are not living) / Dependents: -
 - (a) of the employees of Haryana State posted in or outside Haryana State or working on deputation;
 - (b) of the employees of the statutory bodies/corporations established by or under an act of the State of Haryana who are posted in Chandigarh or in Haryana or outside Haryana.
 - (c) of the employees of the Government of India posted in Chandigarh or in Haryana in connection with the affairs of the Haryana Government;
 - iii) Children/wards (if parents not living)/dependents of persons who after retirement have permanently settled in Haryana and draw their pensions from the treasuries situated in the State of Haryana.
 - iv) Children/wards (if parents are not living)/dependents of pensioners of Haryana Government irrespective of the fact that the original home of the retiree is in a state other than Haryana or he has settled after retirement in or outside Haryana;
 - v) Children/Wards (if parents are not living)/dependents of persons, who have permanent home in Haryana and include persons who have been residing in Haryana for a period of not less than 15 years or who have permanent home in Haryana but on account of their occupation they are living outside Haryana;
 - vi) The wives of such persons who are bonafide residents of Haryana irrespective of the fact that they had belonged to any other State before marriage;
 - vii) Persons who were born in Haryana and produce a certificate to that effect; provided that the parents/guardians (if parents are not living) of persons belonging to any one of the above mentioned categories are:
 - a) Citizen of India;
 - b) Produce an affidavit to the effect that they or their children/wards (if parents are not living)/dependents have not obtained the benefit of Resident in any other State.
 - viii) Children & Wards of the accredited journalists residing at Chandigarh and recognized by Govt. of Haryana.
2. All candidates claiming to be bonafide residents of Haryana should produce a Haryana Resident Certificate signed by the District Magistrate/General Assistant to Deputy Commissioner or Sub-Divisional Officer (Civil) of the District/Sub-Divisions to which the candidates belong. Resident Certificates in respect of elsewhere or in respect of the Children/Wards/Dependents of Haryana Govt. employees who are posted at Chandigarh, Delhi or elsewhere or in respect of Children /Wards/ Dependents of pensioners of Haryana Govt. or in respect of the Children/Wards/Dependents of the employees of the Government of India posted at Chandigarh or in Haryana in connection with the affairs of Haryana Government, or in

respect of Children/Wards/Dependents of the employees and retirees of the Statutory Bodies/Corporations of Haryana established by or under an Act of the State of Haryana or a Central Act and located at Chandigarh, Haryana or outside Haryana, should be by their respective Heads of Departments.

3. Candidates seeking admission in educational institutions (including medical and technical institutions) located in Haryana, may not be required to produce Resident Certificate, if they have passed the examinations from a school/college situated in Haryana. For this purpose, a certificate of the Principal/Headmaster from concerned institution, where the children/wards studied last should be considered sufficient. The Principal/Headmaster of the institution shall be competent to issue such certificate, which should be sufficient.
4. If a candidate is admitted on the basis of claim that he belongs to the State of Haryana but at any subsequent time is discovered that his claim was false, the student shall be removed from the institution, all fees and other dues paid up to the date of such removal shall be confiscated. The Principal/Headmaster may take such other action against the student and his/her parents/guardians as he may deem proper in the circumstances of any particular case.

ANNEXURE A-IV

HARYANA RESIDENT CERTIFICATE
(for bonafide residents of Haryana only)

Certified that Mr.....son/daughter of Shri.....resident of House No.....Lane/
Street.....of Village/ Town.....Tehsil.....Distt.....of Haryana since.....and
applicant for admission to various courses in Haryana, is a bonafide resident of Haryana State in terms of
Chief Secretary, Haryana letter No. 62/17/95-6 GS 1 dated 03.10.1996 and letter No. 62/27/2003/6 GS 1
dated 29.07.2003 under clause.

No.....

signature of the issuing authority

Date.....

Name.....

Place.....

Designation.....

(with legible office seal)

Note:-i) For authorities competent so sign this certificate.

ii) The candidates, who have passed their qualifying examination from the Board of Haryana are not required to produce Certificate of Haryana Resident.

iii) The certificate must be of June, 2023 or later.

ANNEXURE B-I

CERTIFICATE FOR THE EX-EMPLOYEES OF

INDIAN DEFENCE SERVICES/PARA-MILITARY FORCES

Certified that Number _____ Rank _____
Name _____ S/O or D/o _____ Father/Mother of _____
Resident of Village _____
PostOffice _____ Tehsil _____ Distt. _____ belo
nging to the State of Haryana, as per his/her service record at the time of entry into service, had served in the
Army /Air Force/Navy/ _____ (Name of the Para-Military Force) from
_____ to _____ and subsequently discharged/retired from the
service on _____ as per his/her service record. At the time of entry into service the home
address given is _____ (Distt. _____) Haryana.
No. _____

Place _____ Signature _____
Officer Commanding/ Zila Sainik Board/
Competent Authority
Date _____ (with Official Seal)

(Strike out whichever is not applicable)

.....

ANNEXURE B-II

SCHEDULED CASTE CERTIFICATE

Certified that Mr./Ms.....Son/daughter of Shri..... resident of.....village/
town.....Tehsil.....District..... of Haryana belongs to Caste, which is recognized
as a Scheduled Caste/ Scheduled tribe under the Constitution (Scheduled Castes) order, 1950.

Place _____ Signature of the issuing authority _____
Full Name.....
Designation.....
Date: _____ (with legible seal)

Issuing Authority: Tehsildar-cum-Executive Magistrate, Naib Tehsildar-cum-Executive Magistrate.

ANNEXURE B-III

BACKWARD CLASS CERTIFICATE BLOCK 'A' OR 'B'

Certified that Mr./Ms.....Son/daughter of Shri..... resident of.....village/
town.....Tehsil.....District..... of Haryana belongs to Caste which has been
notified as Backward Class by the Haryana Government and is placed in Block _____(mention Block-A or B) .

Further, certified that he/she is not covered in Creamy Layer (Reference from the Chief Secretary, Haryana
letter No. 1170-SWL1-95 dated 07.06.1995 & No. 52/17/95-6GSI dated 03.10.1996 and No. 22/36/2000 3GSIII
dated 09.08.2000 & No. 213-SW(1)-2010 dated 31.08.2010, Haryana Govt. instructions No. 59 SW(1)-2013 dated
24.01.2013 and 808-SW(1) dated 17.08.2016).

Place _____

Date: _____

Signature of the issuing authority

Full Name.....

Designation.....

(with legible seal)

Note: The applicant shall submit an affidavit that he/she falls/ does not fall in creamy layer)
Issuing Authority: Tehsildar-cum-Executive Magistrate, Naib Tehsildar-cum-Executive
Magistrate.

ANNEXURE B-IV

AFFIDAVIT/UNDERTAKING

(By the Parents of the Backward Class Category Candidates)

I _____ Father/Mother of _____ Resident
of _____ Tehsil _____ District _____
seeking admission to course _____ in the Department of _____ Guru
Jambheshwar University of Science & Technology, Hisar do hereby solemnly affirm & declare that I belong to
_____ Caste, which is included in the list of Backward Classes Block 'A'/'B' approved by the Haryana
Govt. I further declare and affirm that I and my wife / husband are not covered under the criteria fixed by Haryana Govt.
letter No. 1170-SW (1)-95 dated 07.06.95 & No. 22/36/2000-3GS-III dated 09.08.2000, No. 22/22/2004-3GS III dated
22.01.2009, No. 213-SW (1)-2010 dated 31.08.2010, Haryana Govt. instructions No. 59SW(1)-2013 dated 24.01.2013
, 808-SW(1) dated 17.08.2016&No. 1282-SW(1) dated 28th August, 2018 and for excluding socially advanced
persons / sections (Creamy Layer) from Backward Classes Category.

I further undertake that in case the information contained in the above para is found false at any stage, the
Competent Authority will be entitled to cancel the admission of my ward.

Date _____

Place _____

DEPONENT

VERIFICATION

Verified that the above statement is true and correct to the best of my knowledge and belief and nothing has been
concealed therein.

Date _____

Place _____

DEPONENT

The Affidavit should be of the month of June, 2023 or later.

Issuing Authority: Tehsildar-cum-Executive Magistrate, Naib Tehsildar-cum-Executive Magistrate.

.

ANNEXURE B-V

**Government of Haryana
(Name & Address of the authority issuing the Certificate)
(ECONOMICALLY WEAKER SECTIONS)
INCOME AND ASSET CERTIFICATE**

Certificate No.....

Date:.....

VALID FOR THE YEAR_____

This is to certify that Shri/ Smt./ Kumari.....son/ daughter/ wife ofis permanent resident of, Village/ Street.....Post office....., District....., Pin Code.....whose photograph is affixed below and attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her family** is below Rs.6 lakh (Rupees Six Lakh only) for the financial year.....

It is further certified that His/her family does not own or possess any of the following assets***

- I. 5 acres of agricultural land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.
- V. Total immovable assets owned and valued at Rs. One Crore or more.

2. Shri/ Smt./ Kumari.....belongs to the caste which is not recognized as a Scheduled Caste, Backward Classes (Block-A) and Backward Classes (Block-B).

Recent
Passport size
attested
photograph of
the applicant

Signature with seal of Office
Name:
Designation:

Note: The Income and Asset Certificate to be issued by the competent authority. The competent authority for EWS Income and Asset Certificate shall be Tehsildar of the area where the applicant normally resides.

* Note 1: Income means income from all sources i.e. salary, agriculture, business, profession etc.

** Note 2: The term "Family" for this purpose will include the person, who applies for benefit of reservation, his/her parents, spouse as well as children and siblings below the age of 18 years.

***Note 3: The property held by a "Family" in different locations or different places/ cities are to be clubbed while applying the land or property holding test to determine EWS status.

ANNEXURE B-VI

**MEDICAL CERTIFICATE FOR DIFFERENTLY-ABLED PERSON
OFFICE OF THE CHIEF MEDICAL OFFICER _____**

No. _____

Date _____

Certified that Sh./ Km./Smt _____ son/daughter/wife of Sh.
_____ resident of _____ District
_____ appeared before the Medical Board for medical checkup. On his/her Medical
Examination, it is found that the nature of handicap/disability is _____% and (as applicable), is as
under:

1. Blind or Low vision _____

2. Hearing impairment _____

3. Locomotor disability/cerebral palsy _____

Thus the candidate is physically handicapped as per standard norms of Haryana.

(Signature of the Applicant)

Chief Medical Officer

Date _____

_____ Haryana

Place _____

(Seal of the above authority)

The handicap disability should not be less than 40% and should not interfere with the requirement of
professional career such as Engineering / Architecture / Technician etc.

.....

ANNEXURE B-VII

**CERTIFICATE TO BE FURNISHED BY
CHILDREN/GRAND CHILDREN OF FREEDOM FIGHTERS OF HARYANA**

Certified that Mr./Ms. _____ Son / Daughter of _____ Sh.
_____, resident of (complete address)

Freedom Fighter of Haryana (Identity No. _____) is father/grandfather of

Mr./Ms. _____ (Name of candidate) of _____

Village/Town _____ Police Station _____

Tehsil _____ District _____ State _____

No. _____

Date _____

Place _____

Deputy Commissioner of
concerned District of Haryana
(SEAL OF OFFICE)

ANNEXURE B-VIII

CHARACTER CERTIFICATE

Name of the Department/College _____ Session _____

Certified that Mr./ Miss/ Mrs. _____

Son /daughter of Shri _____ has been a bonafide student of this School/ Department / College during the period _____. He/she appeared in the _____ examination of the _____ (University/Board) held in _____ under Roll No. _____ and *passed obtaining _____ marks out of _____ marks or *failed/ *placed under compartment in the subject of _____

1. Academic Distinction, if any _____
2. Co-curricular activities, if any _____
3. Brief particulars of disciplinary action by School/College/ Department /University (including punishments such as expulsion, warning, fined for violation of College/Department/Hostel Rules, UMC/disqualification etc., if any _____
4. General Conduct during Stay in the Institution: Good/Satisfactory/ Unsatisfactory
5. He/she bears good/bad character.

No. _____

Date _____

Place _____

Signature

Principal/Chairperson of the Department
(with office seal)

*Strike out whichever is not applicable.

ANNEXURE B-IX

UNIVERSITY SECURITY OFFICE
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
STUDENTS VEHICLE GATE PASS PROFORMA UNDERTAKING FOR 2023-24

(To be filled in Duplicate)

(PHOTO)

I,son/daughter of Shri..... of
Tehsil.....Distt.....State.....do undertake:

1. That I am a bonafide student of class.....vide Enrolment No.....of the Department
.....GJUS&T, Hisar.
2. That I have my valid driving license vide Licence No.....(Attested copy enclosed).
3. That I have my own vehicle Motor Cycle / Scooter/Scooty vide Registration
No.....registered in the name of myself/ father/ mother/ brother/ sister. (Attested copy of
RC enclosed). In case of RC is in the name of Relative, furnish an affidavit in this regard.
4. That I have my valid identity card for session 2023-24 duly signed and issued by the Chairperson
of the Department (Attested copy enclosed).
5. That I shall abide by all rules and regulations of Indian Vehicle Act applicable from time to time.
6. That I shall not use any four wheeler in the campus.
7. That my vehicle will be parked in an earmarked space provided by the University Security Office.
8. That my vehicle will not be misused for any activity of indiscipline in the campus of the university.
9. That I shall abide by all instructions relating to safety/ security/ discipline issued by the University
from time to time.
10. That I shall not use four wheelers in university campus.
11. That in case I am found responsible for any violation of above undertaking, I shall be liable for
rustication from the university and shall also be subject to any police / legal prosecution under
law without any notice.

Signature of Candidate
Name of the candidate in capital letter
Students Phone No.....

I being father/ mother of.....do undertake that my ward shall abide by above undertaking,
failing which the University shall be free to take any action without any notice to which I shall have no objection.

Signature of the Parent
(Name of the Father/ Mother in Capital

letter)

Parents Phone No.....

VERIFIED

Signature of the Chairperson
With seal

Gate Pass/ Sticker issued vide its Gate Pass/ Sticker No.....from University Security Office and parking
is allowed in front of Teaching Block.....of the University.

CHIEF SECURITY OFFICER

AFFIDAVIT BY THE STUDENT

I, _____ (full name of student with Institute Roll Number)/s/o d/o Mr./Mrs./Ms. _____, having been admitted to _____ (name of the institution), have received or downloaded a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.

- 1) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 2) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 3) I hereby solemnly aver and undertake that
 - a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
 - b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 4) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
- 5) I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.
- 6) Along with the above mentioned points I do hereby declare that
 - a. I will obey the code of conduct of the institute and do not indulge in any kind of in-disciplined activity while in and off the institution campus.
 - b. I will be solely responsible for any kind of accident/mishap caused on account of the above mentioned clause (6.a). Declared this ____ day of _____ month of ____ year.

Signature of deponent
Name: _____

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____ (place) on this the _____ (day) of _____ (month), _____ (year).

Signature of deponent

Solemnly affirmed and signed in my presence on this the _____ (day) of _____ (month), _____ (year) after reading the contents of this affidavit.

OATH COMMISSIONER

Note : It is mandatory to submit this affidavit in the above format, if you desire to register for the forthcoming academic session.

Online undertaking link regarding of ragging shall also be incorporated (www.antiragging.in and www.amanmovement.org)

ANNEXURE B-XI

AFFIDAVIT BY PARENT/GUARDIAN

I, Mr./Mrs./Ms. _____ (full name of parent/guardian) father/mother/guardian of, (full name of student with University Roll Number) , having been admitted to _____ (name of the institution) , have received or downloaded a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.

- 1) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 2) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 3) I hereby solemnly aver and undertake that
 - a) My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
 - b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
- 4) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
- 5) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.
- 6) Along with the above mentioned points I do hereby declare that
 - a) My ward will obey the code of conduct of the institute and do not indulge in any kind of in-disciplined activity while in and off the institution campus.
 - b) My ward will be solely responsible for any kind of accident/mishap caused on account of the above mentioned clause (6.a).

Declared this _____ day of _____ month of _____ year.

Signature of deponent

Name:

Address:

Telephone/ Mobile No.:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at _____ (place) on this the _____ (day) of _____ (month) , _____ (year) .

Signature of deponent

Solemnly affirmed and signed in my presence on this the _____ (day) of _____ (month) , _____ (Year) after reading the contents of this affidavit.

OATH COMMISSIONER

Note: It is mandatory to submit this affidavit in the above format, if you desire to register for the forthcoming academic session.

Online undertaking link regarding of ragging shall also be incorporated (www.antiragging.in and www.amanmovement.org)



No.....

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
(Established by State Legislature Act 17 of 1995)
"A+" Grade NAAC Accredited
Application Form for Ph.D. Programme
(To be filled Online through University Website www.gjust.ac.in)

(For office use only)

Received onby.....

Whether Eligible (Yes/No)

.....Eligibility Checked by

Entrance Test Roll No.....

Marks obtained in Entrance Test.....

Signature.....

(Convener, Admission Committee)

IMPORTANT:

(I) Candidates should read the Ph.D. Prospectus carefully before filling this Form. No column should be left unfilled. Write "N.A." against the column(s) which do not apply to you.

(II) In case, downloaded form is used, give detail of:

Demand Draft No..... Bank.....

Dated..... Amount.....

Space for
Photograph

Duly
Attested

Department Name and Specialization

1. Name of Candidate: (in block letters)	
(In Hindi)	
2. Father's Name (In block letters)	
(In Hindi)	
3. Mother's Name (In block letters)	
(In Hindi)	
4. Spouse Name (In block letters)	
(In Hindi)	
5. Date of Birth	
6. Gender	☐ Male ☐ Female
7. Nationality	
8. Adhaar No.	
9. Permanent Address	
	Pin
10. Mailing Address	
	Pin
11. Telephone No.	
12. Email	

13. Educational Qualifications:

Examination	School/ College/ University	Year	%age	Subjects/Specialization
Matriculation				
10+2				
B.A./B.Sc./B.Com./ B.Tech./B.E./B.Pharma				
M.A./M.Sc./M.Com./ M.Pharma.				
M.E./M.Tech.				
JRF/M.Phil/NET				
Any Other Exam				

14. University Registration No. (if already registered with this University) _____

(Please tick(✓) mark in box from col. no. 13 to 15)

15. Under which category are you applying for ?

AI ☐ HOG ☐ SC ☐

(See abbreviation for category in Chapter-10
and attach documentary proof)

DP SC ☐ BC-A ☐ BC-B ☐

PH ☐ ESM ☐ FF ☐

EWS ☐ Others ☐

16. Have you ever expelled/rusticated/punished on account of
misconduct / indiscipline by any of the institutions you studied?

Yes ☐ No ☐

17. Are you employed ?

Yes ☐ No ☐

(If yes, please give the name and address of the employer and attach "No Objection Certificate" & Experience Certificate)

DECLARATION BY THE CANDIDATE

- (i) I declare that the information furnished in this form is correct to the best of my knowledge and belief. If any information is found incorrect, my admission will be liable to be cancelled.
- (ii) I also certify that to the best of my knowledge, I fulfil the eligibility condition for the course for which I am applying for admission.
- (iii) I shall abide by the rules and regulation framed by the University from time to time.
- (iv) I shall not indulge in the act of ragging. If I am found to be involved in such an act, my admission shall be liable to be cancelled besides any penal action under the law.
- (v) I shall not attend any other course of study or perform other assignments (regular/private/partly) during the Ph.D. Programme otherwise my admission is liable to be cancelled.

Place : _____
Date : _____

Signature of the candidate



GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR (ACADEMIC PROGRAMMES 2023-24)

REGULAR PROGRAMMES:

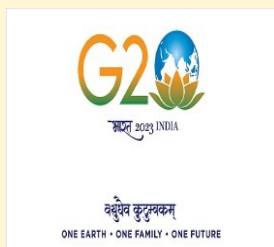
Post Graduate Programmes	
M.Tech. (Computer Science & Engineering)	M.Sc. (Psychology)
M.Tech. (Environmental Science & Engineering)	M.Sc. (Biotechnology)
M.Tech. (Electronics & Communication Engineering)	M.Sc. (Microbiology)
M.Tech. (Mechanical Engineering)	M.Sc. (Chemistry)
M.Tech. (Printing Technology)	M.Sc. (Environmental Sciences)
M.Tech. (Nano Science and Technology) Zero Session	M.Sc. (Food Technology)
M.Tech. (Food Technology)	M.Sc. (Mathematics)
M.Tech. (Geo-informatics)	M.Sc. (Physics)
M.Pharma. (Pharmaceutical Chemistry)	M.Sc. (Economics)
M.Pharma. (Pharmaceutics)	M.Sc. (Yoga Science and Therapy)
M.Pharma. (Pharmacology)	Master of Computer Applications (MCA)
M.Pharma. (Pharmacognosy)	Master of Business Administration (MBA)
Master of Physiotherapy (Orthopedics)	MBA-Finance
Master of Physiotherapy (Sports)	MBA-Marketing
Master of Physiotherapy (Neurology)	MBA-International Business
Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	MBA- Business Analytics
M.A. (Mass Communication)	M. Com
M.A. (English)	M.A. (Hindi)
Under Graduate Programmes	
B. Tech. (Computer Science & Engineering)	B. Tech. (Food Technology)
B. Tech. (Computer Science & Engineering) Artificial Intelligence & Machine Learning	B. Tech. (Civil Engineering)
B. Tech. (Electronics & Communication Engineering)	B. Tech. (Electrical Engineering)
B. Tech. (Information Technology)	B. Tech. (Electronics and Biomedical Engineering)
B. Tech. (Mechanical Engineering)	Bachelor of Pharmacy
B. Tech. (Printing Technology)	Bachelor of Physiotherapy
B. Tech. (Packaging Technology)	
Undergraduate B. Tech. programmes in Hindi Medium	
B. Tech. (Electronics & Communication Engineering)	B. Tech. (Computer Science and Engineering)
B. Tech. (Mechanical Engineering)	B. Tech. (Information Technology)
Undergraduate and Integrated B.Sc. (Hons. /Hons with Research)-M.Sc. Programmes as per NEP 2020	
Integrated B.Sc. (Hons./Hons. with Research) - M.Sc. Physics	Integrated B.Sc. (Hons./Hons. with Research) – M.Sc. Economics
Integrated B.Sc. (Hons./Hons. with Research) - M.Sc. Chemistry	Integrated B.Sc. (Hons./Hons. with Research) – M.Sc. Psychology
Integrated B.Sc. (Hons. /Hons. with Research) - M.Sc. Mathematics	Integrated B.Sc. (Hons./Hons. with Research) – M.Sc. Geography
Integrated B.Sc. (Life Science) M.Sc. (Biotechnology/Microbiology/Botany/Zoology)	B.Sc. (Hons. /Hons. with Research)-Computer Science (Artificial Intelligence and Data Science)
Integrated B.Sc. (Hons./Hons. with Research) – M.Sc. Medical Imaging Technology	B.A. (Hons. /Hons. with Research)- Mass Communication
New PG programmes as per NEP 2020	P.G. Diploma in Guidance & Counselling
M.Sc. Botany	P.G. Diploma in Yoga Science & Therapy
M.Sc. Zoology	
M.Sc. Computer Science (Artificial Intelligence and Data Science)	B. Voc. (Food Processing and Engineering)
Master of Library and Information Science	Bachelor of Physiotherapy
M.A. Education	
MBA-Healthcare	

Certificate/ Diploma Courses

• Certificate Course in Financial Mathematics • Certificate Course in Business Data Analysis • Certificate Course in Business Skills • Certificate Course in Taxation & Tax Planning • Certificate Course in French Language • Certificate Course in German Language • Certificate Course in Mandarin Language • Certificate Course in Spanish Language • Diploma Course of Translation from English to Hindi and Hindi to English	The following Certificate/Diploma courses may also be started from the current academic session: • Certificate in Waste Management and Sanitation & Hygiene • Diploma in Waste Management and Sanitation & Hygiene • Diploma in Environmental Law • Diploma in Industrial Safety Management • Diploma in Road Construction Technology and Management
--	--

ODL PROGRAMMES

ODL MODE PROGRAMMES	
POST GRADUATE PROGRAMMES	GRADUATE PROGRAMMES
• Master of Arts (Mass Communication) • M.Sc. (Mathematics) • Master of Business Administration • Master of Commerce • Master of Computer Applications • Master of Arts (English)	• Bachelor of Arts (Mass Communication) • Bachelor of Arts (General) • Bachelor of Commerce(General)
DIPLOMA AND CERTIFICATE PROGRAMMES	FULL-FLEDGED ONLINE PROGRAMMES
• Diploma/Certificate in Computer Application • Diploma in Food Quality Assurance • Diploma in Solid and Hazardous Waste Management • Certificate in Food Quality Assurance • Certificate in Video Film Production	POST GRADUATE PROGRAMMES • Master of Business Administration –MARKETING • Master of Business Administration –HUMAN RESOURCE GRADUATE PROGRAMMES • Bachelor of Commerce(General)



PUBLISHED BY

Registrar
Guru Jambheshwar University of Science & Technology,
Hisar (Haryana) Ph. 01662-276025
www.gjust.ac.in

REGISTRATION FEE:

- (I) Rs. 2000/- for General Category candidates
- (II) Rs. 1000/- for EWS candidates of Haryana
- (III) Rs. 500/- for SC, Deprived SC and BC candidates of Haryana