



Information Brochure

DOCTOR OF PHILOSOPHY (Ph.D.)-2022-23

For admission to Ph.D. Programmes



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

(Established by State Legislature Act 17 of 1995)

www.gjust.ac.in

IMPORTANT DATES FOR ADMISSION TO Ph.D. PROGRAMME FOR SESSION 2022-23

S. No.	Description	Date & Time
1.	Availability of Information Brochure- Ph.D. and online Application form (download from University website: www.gjust.ac.in)	01.08.2022
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	30.08.2022 (upto 05:00 pm) (upto 12:00 midnight)
3.	Display of provisional merit list and inviting objections for JRF (valid)/NET/GATE/GPAT candidates etc.	05.09.2022
4.	Last date for submitting objections through official email of the Chairperson of the department concerned.	06.09.2022
5.	Display of Final Merit list on the University Website	08.09.2022
6.	Date of counselling for admission of JRF (valid) /NET /GATE/ GPAT candidates etc. in physical mode, and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/School/Institute of Religious Studies at 10:00 A.M.)	12.09.2022
7.	Display of category-wise vacant seats and the merit list for second counselling in physical mode on the university website.	16.09.2022
8.	Date of second counselling for admission of JRF (valid) /NET /GATE/GPAT candidates etc. and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/ School/ Institute of Religious Studies at 10:00 A.M.)	20.09.2022
9.	Display of seats remaining vacant category wise after admission of JRF (valid)/NET/GATE/GPAT etc. in various Teaching Departments/School	22.09.2022
10.	Date of Entrance Test for Vacant Seats	17.10.2022
11.	Date of Display of Entrance Test Result on University Website www.gjust.ac.in	19.10.2022
12.	Date of Display of Merit List and Counselling for admission of candidates qualifying Entrance Test and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/School/ Institute of Religious Studies at 10:00 A.M.)	21.10.2022
13.	Date of Commencement of Course Work	27.10.2022
14.	Commencement of Course Work Examinations	April, 2023

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. The validity of NET will be six years from the date of issue of certificate for the session 2022-23 only as a part of celebration of "Azadi Ka Amrit Mahotsav".

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. B.R. Kamboj
Vice-Chancellor



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

FOREWORD

It is a matter of immense pleasure that you have shown interest in doing doctoral degree from Guru Jambheshwar University of Science & Technology, Hisar. In the last 26 years, the university has been successful in earning name and fame in the academic world. The University was established in 1995 under the Act of State Legislature to facilitate and nurture excellence in teaching and research in the promising areas of higher education with a focus on new frontiers of Science & Technology, Engineering Studies, Environmental Studies, Media Studies, Pharmaceutical Sciences and Management Studies.

The National Assessment and Accreditation Council (NAAC), has accredited this University at 'A' Grade three times consecutively since 2002 and extended up to Dec. 2021. 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 2022. The University has secured 33rd rank in Pharmacy category and in ranked in band 102-125 in management category under NIRF 2022. The University has also been ranked in band 1001-1200 in the Times Higher Education World University 2022 and in band 251-300 among ASIA University ranking 2021. The University has been granted graded Autonomy and UGC has placed it in Category-II University. It is one amongst the 21 State Universities of the Country to have achieved this position. 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 sanctioned 50 crore as grant by RUSA. The University has received prestigious Indian Education Excellence award, 2018 by Berkshire Media Pvt. Ltd., LLC, USA and our University was the only University to pocket this accolade from North India under Engineering Science and Technology Category. The University has been ranked 321st World's Most Sustainable University in 2019 in UI Green Metric 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 (Drug) 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 offers Ph.D. programmes in most of the Departments. The research endeavours of the faculty members and scholars of this University have led to awarding of more than 1000 Ph.D. degrees since its inception. The increasing number of registrations to Ph.D. programmes has also contributed towards increasing number of research publications in national and international journals indexed in reputed databases. It is not only that the University abides by the provisions of UGC (Minimum standards and procedure for award of Ph.D. degree) Regulation 2016 in letter and spirit, it has also created additional checks and balances to fine tune the quality of research. As a result, more than 3400 SCOPUS listed research paper publications and the h-index of the University has gone up to 105 in 2022-23 from 17 in 2009-10.

If you are able to secure admission to Ph.D. programme, I am sure, you will enjoy doing your research here and will be beneficiary of the high standards of teaching and research at par with expected from any centre of Excellence in Higher Education and Research. I convey my best wishes to all candidates seeking admission in Ph.D. and their future research pursuits.

Prof. B.R. Kamboj



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 all 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 Instrument 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 IPR and TC Cell 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 three times consecutively in the years 2002, 2009 and 2014. Recently, NBA has accredited our five M.Tech. Engineering Courses.

Prof. Avnesh Verma

RANKING



- **NAAC `A` Grade Accredited University since 2002**
- **Graded Autonomous University by UGC-2018**
- **NIRF ranking 2022: 33rd Rank in Pharmacy Category, in 102-125 rank band in Management Category and in 101-150 rank band in the University Category**
- **ARIIA Ranking 2020: 6th – 25th Among Govt. and Govt. Aided Universities**
- **THE World University ranking 2022: Among 1001-1200 Universities**
- **Times World Asia Ranking 2022: Rank Band 351-400**
- **h-Index: 105 (Scopus)**

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OFFICERS OF THE UNIVERSITY
Hon'ble Chancellor
Shri Bandaru Dattatreya, Governor, Haryana

Vice-Chancellor	Prof. B.R. Kamboj	01662-276192, 263101 Fax: 01662-276240 vc@gjust.org
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Proctor	Prof. Vinod Chhokar	01662-263355
Chief Warden (Boys)	Dr. Vikas Verma	01662-263542, 263676
Chief Warden (Girls)	Prof. Sonika	01662-263160
Dean Students Welfare	Prof. Deepa Mangla	01662-263675
Dean of Colleges	Prof. Sandeep Singh	01662-263588
Controller of Examinations	Prof. Yash Paul Singla	01662-263130

DEANS OF FACULTIES

Prof. Devinder Kumar Dean, Faculty of Physical Sciences & Technology 01662-263356	Prof. Saroj Dean, Faculty of Engineering & Technology 01662-263380
Prof. Shabnam Saxena Dean, Faculty/Haryana School of Business 01662-263372	Prof. Neeru Vasudeva Dean, Faculty of Medical Sciences 01662-263565
Prof. N.K. Bishnoi Dean, Faculty of Humanities and Social Sciences 01662-263174	Prof. Umesh Arya Dean, Faculty of Media Studies 01662-263354
Prof. Kishna Ram Bishnoi Dean, Faculty of Religious Studies 01662-263159	Prof. Asha Gupta Dean, Faculty of Environmental and Bio- Sciences & Technology 01662-263371
Prof. Vandana Punia Dean, Faculty of Education 01662-263199	Prof. Sanjeev Kumar Dean, Faculty of Law 01662-263540

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Dean, Research	Prof. Neeraj Dilbaghi	01662-263321
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Dean Alumni	Prof. Dalbir Singh	01662-263326
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Director, PDUCIC	Sh. Mukesh Kumar	01662-263179
Director, Placement	Sh. Partap Singh Malik	01662-263507
Director, Sports	Dr. Shashi Bhushan	01662-263177
Librarian, Dr. Bhim Rao Ambedkar Library	Dr. Vinod Kumar	01662-263118
Programme Co-ordinator, NSS	Dr. Ashwani	01662-263347

CHAIRPERSONS OF THE DEPARTMENTS

S. No.	Name of Department	Chairperson	Telephone STD (01662)	Email ID
1.	Applied Psychology	Prof. Manju	263168, 263533	psychology@gjust.org
2.	Bio & Nano Technology	Prof. Neeraj Dilbaghi	263165, 263500	dbnt@gjust.org
3.	Chemistry	Prof. Sonika	263152	chemistry@gjust.org
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22.	Printing Technology	Sh. Pankaj Kumar	263175	printingtechnology5@gmail.com
23.	Guru Jambheshwar Ji Maharaj Institute of Religious Studies	Prof. Kishna Ram Bishnoi	263159	religiousstudies@gjust.org

The mentor departments of Computer (Data Science), English and Hindi programmes are Department of Mathematics, Department of Communication Management and Technology and Guru Jambheshwar Ji Maharaj Institute of Religious Studies, respectively.

HOSTEL ADMINISTRATION

Chief Warden (Girls) Chief Warden (Boys)	Prof. Sonika Dr. Vikas Verma	01662-263152 01662-263676 01662-263542	chiefwardengirls@gjust.org chiefwardenboys@gjust.org
Deputy Chief Warden (Girls)	Dr. Meenakshi Bhatia	01662-263188	dcwg@gjust.org

Wardens for Boys' Hostels

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2.	Aryabhata Sadan Boys' Hostel No. II	Dr. Vivek Gupta Dr. Hardev Singh	263286 263286	wardenbh2@gjust.org
3.	Madan Lal Dhingra Sadan Boys' Hostel No. III	Dr. Manoj Kumar Dr. Sanjay Kumar	263519 263545	wardenbh3@gjust.org
4.	Vivekanand Bhawan Boys Hostel No. IV	Dr. Vikram Jeet Singh Sh. Vijay Pal Singh	263625 263625	wardenbh4@gjust.org

Coordinators and Lady Wardens for Girls' Hostels

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

CHAPTER-1

ABOUT THE UNIVERISTY

General

Guru Jambheshwar University of Science & Technology, Hisar (formerly Guru Jambheshwar University), a State University, was established on October 20, 1995 by an Act of the Legislature of the State of Haryana to facilitate and promote studies and research in emerging areas of higher education with a focus on achieving excellence in new frontiers of Basic Sciences, Engineering and Technology, Pharmacy, Environmental Studies, Non-conventional Sources of Energy and Management Studies. 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 appealing 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 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.

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), since 2002. The University has also got international rank-band 1001-1200 Times Higher Education World University Ranking, UK-2021. In addition to this, the university has been ranked in band 101-150 among Universities of India in India by NIRF in 2021. Further, the Department of Pharmaceutical Sciences has been ranked 33rd and Haryana School of Business is ranked in 102-125 band in India by NIRF in 2022. Further, this University has been graded as Category-II University for Grant of Graded Autonomy as per Categorization of the Universities under UGC Regulations, 2018. The University Grants Commission has granted autonomy to the University for maintaining high academic standards. Due to this, the University will remain within the ambit of UGC but will have the freedom to start new programmes, Off Campus Centres, Skill Development Courses, Research Park and many other Academic programmes. The University also has the freedom to hire Foreign Faculty, enroll foreign students, give incentive base emoluments to the faculty, enter into academic collaborations and run open Distance Learning Programmes. This University stands at 21st position among the State Universities in India and 2nd position in Haryana State. The dimension of autonomy for Category-II Universities will be as per notification, dated 12th Feb., 2018 issued by University Grants Commission, New Delhi.



Jurisdiction

The jurisdiction of the University extends to exercise its power on all type of colleges of District Hisar as per the State Government vide notification No. S.O.7/H.A. 17/1995/S.4/17 dated 21.06.2017.

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 105 at present from 17 in 2009-10 with more than 3400 publications and over 64000 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 11:00 A.M. to 7:00 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 examination, 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 this endeavour, by the end of March 2022, the Library has a collection of

122468 books and 5850 bound volumes of Journals. The information about individual Library Account Status and availability of books is provided through Web-OPAC. The library has subscribed 281 Printed Indian Journals and subscribed 41 Magazines and 20 Newspapers.

The library has always been in forefront in the application of latest information and communication technology, whenever available. To make it accomplish, the library in its electronic repository, has the access of about 8000 e-journals from 13 Publishers 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 Members. This lab is equipped with state-of-the-art facilities. Moreover, the University has signed MOU with INFLIBNET for Shodhganga Repository and so far, 394 theses have been uploaded. The library recorded 97104 visitors during the period January 2020 to March 2022. During this period total issue for home lending were 39758 books and total 94513 books were consulted by the members of the library.

Apart from the above, the library provides the facility of detect and check similarity in research work by using "Turnitin" - An anti-plagiarism Software. 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 Pt. Deendayal Upadhyaya Computer and Informatics Centre (PDUCIC) is established with an aim to act as central facility to meet the computing requirement of all the students, research scholars, staff and faculty of the University. The centre is equipped with 225 desktop computers of latest configuration along with 04 dedicated servers to cater the ICT activities of the University.

The centre also hosts the information centric website of the University for students and stakeholders for providing the latest information about the University. In addition, the centre hosts website for Directorate of Distance Education. Further, the centre provides free internet facility to the university students. All the computers are connected on 1G Network and provide internet facility with 100 Mbps speed through dedicated leased line.

Many online tests of national level for admission, jobs are conducted in PDUCIC with the help of TCS/NTA testing agencies. Additionally, the centre also conducts the online tests for the training and placements of students. 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 laboratory prepared with Wordsworth software to enhance the

language skills of students. The timings of the PDUCIC are 9:00 AM to 7:00 PM during teaching session and 9:00AM to 5:00 PM during summer and 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 the 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/NKEN 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 2000 students. All 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 etc. The hostels have Ambulance facility for students residing in hostels 24x7 for any medical emergencies. There is also internet and Wi-Fi facilities for the students in hostels. The lawns around the hostel are developed aesthetically to provide refreshing view to the residents. The girls hostel complex in which all the girls hostels come under a common boundary wall having Air-conditioned Cyber cafe, general store, beauty parlour shop, confectionary shop and Photostat shop. Each girls 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. Further, each hostel has a common room where newspapers and latest magazines are available to the students and gym equipped with tread mills, exercise cycle & abdominal exerciser, etc.



The healthy menu is provided by the contractor on the reasonable rates and menu items & quality check is done randomly by the Mess Committees, Wardens, Coordinators, Deputy Chief Warden and the Chief Wardens. Hostel

accommodation will be provided according to latest Govt. COVID-19 Guidelines and 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 ensures 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 the 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. Ch. Ranbir Singh Auditorium building is one of the beautiful and State-of-the-Art Auditoriums in India. It has been awarded by National Planning Commission of India - Construction Industry Development Council Vishwakarma Awards 2014 and 2015 under best construction project and best maintained structures, respectively 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, Athletics, Karate, Archery, Cricket, Lawn Tennis, Basketball, Handball, Volleyball, Badminton, Table Tennis, Yoga, Weight lifting and Shooting etc. There are two cemented cricket practice pitches, one ground each for Football, Handball, Cricket as well as an Athletic Track of 400 meter. In addition, there are two synthetic Lawn Tennis Court with practice wall. One high tech Gym is established in the Multipurpose Hall in the premises of the Directorate of Sports and also 10 mtr. Shooting Range five person. For participation in various games, the University provide sports kit and tracksuit to all the players who participate in tournaments, coaches and the team manager who accompany the team. The University students have participated in the 40 Inter University Tournaments and achieved various positions. Major achievements achieved by the University during the session 2021-22 and has secured first position in All India Inter University Yoga (Women) Championship and Second Position in All India Inter University Handball (Women).



The Students of the University won many individual medals in various games (Athletics, Archery, Boxing, Pencak Silat, Karate, Judo etc.). Apart from this, our University has participated in Khelo India University Games:- University Yoga (W) and Shooting (W) teams secured third position and secured position in other various games. In addition to above, University has awarded with cash prize of Rs. 21000, 18000 & 15000 (1st, 2nd & 3rd respectively) to the outstanding sports person

for motivating the sports activity. The Directorate of Sports has given, approximately seven Lacs cash prize to position holders for the session 2019-20.

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 Spectrometer
- 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)
- Field Emission Scanning Electron Microscope with EDS (FE-SEM)
- Raman Spectrometer
- Flash Chromatography
- Rheometer
- Multipurpose Versatile XRD (XRD) System



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 Training & Placement Cell takes care of training and placement activities for the students.



The Cell is having appropriate infrastructure such as Seminar Room, GD room, Interview Room etc. to execute the placement process. Arrangement for Pre-Placement talks, written tests, group discussions, personal interviews etc. are made by the Training & Placement Cell in coordination with Chairpersons, Training & Placement Coordinators (TPCs), Department Placement Coordinators students (DPCs) and Class Placement Coordinators students (CPCs) of respective Departments. Training & Placement Cell also organizes finishing school workshops like UDBHAVANA, which cover communication skills, soft skills and personality development etc. The Cell facilitates arranging Industrial visits, Industry Interaction Program, Internship drives, GATE preparation, Monthly Coding Tests, Weekly Online Aptitude Tests & Speakathon Programs for aptitude and communication skills improvement of students. In addition to On-Campus placements of students in various industries, Cell makes arrangement for students to participate in off-campus drives organized at various institutions/industries. The Placement activities are handled by the Training & Placement Cell, for final year students under the guidance of

Director, Training & Placement. Training & Placement Cell keeps liaison with the potential industries and provides necessary guidance to the students.

University Health Centre

The University Health Centre is for the medical needs of students, staff and their family members. Three medical officers and one Dental Surgeon along with all the supporting staff provide the services. It is spacious enough to have two doctor's cabins, 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 ECG machine, nebulizer, autoclave, foetal monitor, auto analyser and haematology analyser. Dental clinic is very well equipped with modern equipments like RVG, Apex locator, scaler etc.



Health Centre provides OPD services to all the common ailments with all routine tests from 7:30 AM to 6:00 PM with Ambulance facility for any emergent situation. Moreover, two more Ambulances are available one each in boys and girls hostel to take the patients (students/employees) to the approved hospital if required. Regular vaccination camps and health awareness programs are also conducted at Health Centre.

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) (erstwhile Academic Staff College) of the University has been 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'. 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. 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. UGC-HRDC has been recognised as National Resource Centre (NRC) by MHRD, Govt. of India for the conduct of online Annual Refresher Programme in Teaching (ARPIT) in 'Pedagogical Innovations & Research Methodology' discipline through SWAYAM-MOOCs platform.

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 Dean Students Welfare looks after students' welfare in numerous ways. It monitors various cultural activities that are organized by

DYW office. Some important facilities provided by this office are as follows:

➤ **Earn While You Learn**

The spirit of the scheme is based on the idea of enabling needy students to meet some educational expenses with dignity. This scheme provides support to needy students for departments/office related work for fixed hours in a week with remuneration 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 Education & Industrial Tours**

Office of Dean Students Welfare bears 50% of expenditure incurred on Education 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 (2021-22) 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 upto Rs.25000/-. During the year (2021-2022) 4000 students were insured under "Students Insurance Safety Policy" with The Oriental Insurance Co. Ltd. Hisar

➤ **Railway Concession Vouchers Facility**

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

➤ **Financial Help for Various Functions**

The office 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 and instills in them the confidence to express the talent which otherwise might remain hibernated. The organization of 'University Youth Festival' is a regular feature, in addition to other cultural and literary activities.

University Women Cell

Women's Cell in the university has been established to develop and maintain an environment for women's safety, dignity and equality in the campus. The university is committed to develop a conducive atmosphere in the campus, where women can work safely with dignity and avail equal opportunities and takes all the steps required in this direction. The women cell aims to empower and orient women to recognize their potential and to help

in their overall development with the help of various activities, talks, seminars etc. The Women Cell consists of 05 members including senior persons from teaching and non-teaching staff.

Alumni Relations

The Department of Alumni Relations was established in year 2016 to promote the bonding of our alumni with the University. The vision of the Department is to honour our distinguished alumni who have brought national and global acclaim in their respective domains. With the wide experience and expertise of Alumni, department looks forward for their suggestions in the working of the University. The Department is working to establish a link with the alumni for providing an interactive platform with the present students by organizing alumni meets. The alumni of an institution are always ready to raise various endowment funds and award stipends, free-ships, scholarships, fellowships, medals, etc. to the deserving students of the University. Department welcomes all Diploma/ Degree holders of the University, members of the teaching faculty of the University and affiliated colleges to become members of Alumni Association.

National Service Scheme



The NSS Unit of University is actively involved in inculcating the feelings of empathy and self-extension among students. To uphold and promote the values of communal harmony, patriotism, and community members through

activities is one of the basic objectives of NSS. The sole aim of NSS is to provide hands on experience to young students in delivering community service. NSS volunteers actively participate in various regular activities like literacy, plantation, cleanliness, Blood Donation Camps and sustainably manage natural resources. The NSS units have also been involved in awareness programme related to the social issues such as prevention of HIV/AIDS, Female Feticide, Drug Addiction etc. in the villages adopted by the University. Active Participation of the volunteers is ensured through organization of Special / State/ National/ International level Camps, Pre Republic Day Camps and NSS Youth Festival Camps, etc.



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 and 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 in the University. 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 of students, 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.

- Senior Division; Army under the control of 3 Haryana Battalion NCC Hisar.
- Senior Wing; Army under the control of 3 Haryana Girls Battalion NCC Hisar.
- Senior Division/Senior Wing; 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. NCC as a general elective credit course is designed by Hqs DG NCC with an intent to transform NCC training into a curricular activity from an extra-curricular thereby providing academic credits to students undergoing NCC training along with other attended advantages to the cadets in the university. UGC has sent the guidelines to university to implement NCC as a general elective credit course.

Pandit Deendayal Upadhyaya Innovation & Incubation Centre (PDUIIC)

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 PDUIIC 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 PDUIC, 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 PDUIC 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 students desirous of seeking admission in Guru Jambheshwar University of Science & Technology, Hisar may apply by simply sending an email mentioning the name of programme. The student 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)

2.2 FACULTY OF MEDIA STUDIES

Department		Programmes	
A	Communication Management & Technology	i)	Ph.D.
		ii)	M.A. (Mass Communication)
		iii)	B.A. (Mass Communication)

2.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments		Programmes	
A	Environmental Science & Engineering	i)	Ph.D.
		ii)	M.Tech. (Environmental Science & Engineering)
		iii)	M.Tech. (Geo-informatics)
		iv)	M.Sc. (Environmental Sciences)
B	Bio & Nano Technology	i)	Ph.D. (Biotechnology)
		ii)	Ph.D. (Nano Sc. & Technology)
		iii)	Ph.D. (Microbiology)
		iv)	M.Tech. (Nano Science & Technology)
		v)	M.Sc. (Biotechnology)
		vi)	M.Sc. (Microbiology)
		vii)	Dual degree B.Sc. (Hon.) Biotechnology- M.Sc. (Biotechnology)
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)

2.4 FACULTY OF PHYSICAL SCIENCES AND TECHNOLOGY

Departments		Programmes	
A	Chemistry	i)	Ph.D.
		ii)	M.Sc. (Chemistry)
		iii)	Dual degree B.Sc. (Hons.) Chemistry- M.Sc. (Chemistry)
B	Mathematics	i)	Ph.D.
		ii)	M.Sc. (Mathematics)
		iii)	Dual degree B.Sc. (Hons.) Mathematics- M.Sc. (Mathematics)
		iv)	B.Sc. (Hons.) Computer (Data Science)
C	Physics	i)	Ph.D.
		ii)	M.Sc. (Physics)
		iii)	Dual degree B.Sc. (Hons.) Physics- M.Sc. (Physics)

2.5 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)s
		v)	MBA (International Business)
		vi)	MBA (Business Analytics)
		vii)	M.Com.

2.6 FACULTY OF MEDICAL SCIENCES

	Departments		Programmes
A	Physiotherapy	i)	Ph.D.
		ii)	Master of Physiotherapy (Musculoskeletal Disorders)
		iii)	Master of Physiotherapy (Neurological Disorders)
		iv)	Master of Physiotherapy (Sports Physiotherapy)
		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.)

2.7 FACULTY OF RELIGIOUS STUDIES

Guru Jambheshwar Ji Maharaj Institute of Religious Studies conducts research and comparative study of various religions with special reference to teachings of Guru Jambheshwar Ji Maharaj. The institute offers 'Doctor of Philosophy' programme in religious studies.

2.8 FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Department		Programmes	
A	Economics	i)	Ph.D.
		ii)	M.Sc.(Economics)
		iii)	B.Sc.(Hon.) Economics
B	Applied Psychology	i)	Ph.D.
		ii)	M.Sc. (Psychology)
		iii)	P.G. Diploma in Guidance & Counselling
		iv)	B.Sc. (Hons.) Psychology
C	Hindi	i)	Ph.D.
		ii)	M.A. (Hindi)
D	English Communication Management & Technology (Mentor Department)	i)	M.A. (English) under CBCS

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.

2.9 FACULTY OF EDUCATION

With the affiliation of all Education colleges of district Hisar with this university by the State Government in 2017, the Faculty of Education came into functional existence. The Faculty aims at preparing dedicated, skilled, knowledgeable and creative quality teachers to meet and enrich the evolving demands of the educational system and the society at large. The Faculty also aims at preparing quality teacher educators who perform complex duties ranging from effective classroom teaching to moulding the value system of pupils and undertaking administrative responsibilities. It thus prepares teacher educators and researchers to play a leading role in their profession through various educational programmes in affiliated educational colleges.

PROGRAMMES OFFERED BY THE AFFILIATED EDUCATIONAL COLLEGES

- (i) Master of Education (M.Ed.)- Two years
- (ii) B.Ed.-M.Ed. – Three year integrated course (Annual System)
- (iii) Bachelor of Education (B.Ed.) -Two year (Annual System)
- (iv) B.Ed. (Shiksha Shastri) Two Year (Annual System)
- (v) Bachelor of Elementary Education (B.El.Ed.) –Four years (Annual System)
- (vi) Bachelor of Education (B.Ed.) – Three years (Part Time)(Annual System)
- (vii) BA-B.Ed. – Four years

2.10 FACULTY OF LAW

Law education in the India generally refers to the education of legal profession for creating profound professional in the field. Law education is offered through Faculty of Law at our affiliating college namely, C.R. Law College, Hisar, which is a leading self-financing law college imparting 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.

2.11 DIRECTORATE OF DISTANCE EDUCATION

University also offers the following programmes through Open and Distance learning mode and Online mode for session 2021-22.

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

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. Saroj

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. Pradeep Kumar Bhatia	Professor	263343
5.	Dr. Rishi Pal Singh	Professor	263173
6.	Dr. Dharmender Kumar	Professor & Chairperson	263323
7.	Dr. Om Prakash Sangwan	Professor	263173
8.	Dr. Sanjeev Kumar	Professor	263318
9.	Dr. Jyoti Vashistha	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.	Sh. 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.	Ms. Sakshi Dhingra	Assistant Professor	263173
20.	Dr. Anju	Assistant Professor	263173
21.	Dr. Sunita	Assistant Professor	263173
22.	Dr. Deepak Nandal	Assistant Professor	263173
23.	Sh. Sunil Kumar	Assistant Professor	263173
24.	Sh. Krishan Kumar	Assistant Professor	263173
25.	Ms. 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, 263175
3.	Sh. Arohit Goyat	Associate Professor	263338
4.	Sh. Pankaj Kumar	Associate Professor & Chairperson	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	263171, 263549
2.	Dr. Sanjeev Kumar Dhull	Professor	263511
3.	Dr. Deepak Kedia	Professor	263529
4.	Mrs. Suman Dahiya	Associate Professor & Chairperson	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. Harbhajan Bansal	Professor & Chairperson	263510
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, 263184
6.	Dr. Puneet Katyal	Associate Professor & Chairperson	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

3.2 FACULTY OF MEDIA STUDIES

Dean: Prof. Umesh Arya

Department of Communication Management & Technology

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 & Chairperson	263381
5.	Dr. M.R. Patra	Associate Professor	263310

3.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Dean : Prof. Asha Gupta

A. Department of Environmental Science & Engineering and

Department of Civil Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Parveen Kumar	Professor	263342
2.	Dr. Asha Gupta	Professor & Chairperson (Civil Engg.)	263129, 263371
3.	Dr. R. Baskar	Professor	263325
4.	Dr. Mukul Shah Bishnoi	Professor	263328
5.	Dr. Rajesh Kumar	Professor & Chairperson (ESE)	263326
6.	Dr. Jitender Pal	Professor	263327
7.	Dr. Anu Gupta	Assistant Professor	263129
8.	Dr. Mona Sharma	Assistant Professor	263129
9.	Dr. Santosh Bhukal	Assistant Professor	263129
10.	Dr. Anita Singh Kirrolia	Assistant Professor	263129
11.	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. B. S. Khatkar	Professor	263313,
2.	Dr. Alka Sharma	Professor	263365, 263150
3.	Dr. Aradhita Barman Ray	Professor	263317
4.	Dr. Manish Kumar	Associate Professor & Chairperson	263516

3.4 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	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 & Chairperson	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. Ajay Shankar	Associate Professor	263524
7.	Dr. David Joseph	Assistant Professor	263520
8.	Dr. Ramesh Kumar	Assistant Professor	263636
9.	Dr. Hardev Singh	Assistant Professor	263635
10.	Dr. Ravi Bhatia	Assistant Professor	263176
11.	Dr. Vivek Gupta	Assistant Professor	263176
12.	Dr. Ranjeet	Assistant Professor	263176

3.5 FACULTY OF MEDICAL SCIENCES

Dean : Prof. Neeru Vasudeva

A. Department of Pharmaceutical Sciences

Sr. No.	Name	Designation	Telephone No.
1.	Dr. D.C. Bhatt	Professor	263379
2.	Dr. Neeru Vasudeva	Professor	263565, 263580
3.	Dr. Sumitra Singh	Professor & Chairperson	263554
4.	Dr. Sunil Sharma	Professor	263333
5.	Dr. Dinesh Dhingra	Professor	263582
6.	Dr. Munish Ahuja	Professor	263515
7.	Dr. Sandeep Jain	Professor	263527
8.	Dr. Archana Kapoor	Associate Professor	263315
9.	Dr. Meenakshi Bhatia	Associate Professor	263188
10.	Dr. Sunil Kumar	Associate Professor	263581
11.	Dr. Ashwani Kumar	Associate Professor	263584
12.	Dr. Vikramjeet Singh	Assistant Professor	263580
13.	Dr. Rekha Rao	Assistant Professor	263580
14.	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	Assistant Professor	263334
5.	Sh. Pardeep Azad	Demonstrator	263169
6.	Sh. Ram Niwas	Demonstrator	263169

3.6 HARYANA SCHOOL OF BUSINESS

Dean: Prof. Shabnam Saxena

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 & Director	263329, 263111
5.	Dr. Mahesh Chand Garg	Professor	263316
6.	Dr. Vinod Kumar Bishnoi	Professor	263429
7.	Dr. Pardeep Gupta	Professor	263557
8.	Dr. Anil Kumar	Professor	263348
9.	Dr. Shabnam Saxena	Professor	263372
10.	Dr. Sanjeev Kumar	Professor	263429
11.	Dr. Tilak Sethi	Professor	263372
12.	Dr. Tika Ram	Professor	263374
13.	Dr. Suresh Kumar	Professor	263352
14.	Dr. Khujan Singh	Professor	263532
15.	Dr. Anju Verma	Professor	263235
16.	Dr. Deepa Mangla	Professor	263539
17.	Dr. Ubha Savita	Professor	263111
18.	Dr. Dalbir Singh	Professor	263534
19.	Dr. Shveta Singh	Associate Professor	263111
20.	Dr. Rajiv Kumar	Associate Professor	263659
21.	Dr. Himani Sharma	Associate Professor	263657
22.	Dr. Mani Shreshtha	Assistant Professor	263658
23.	Dr. Vanita	Assistant Professor	263660
24.	Dr. Sangeeta	Assistant Professor	263111
25.	Dr. Vandana Singh	Assistant Professor	263662
26.	Dr. Vijender Pal Saini	Assistant Professor	263661
27.	Dr. Suresh Kumar Bhaker	Assistant Professor	263111

3.7 FACULTY OF RELIGIOUS STUDIES

Dean: Prof. Kishna Ram Bishnoi

Guru Jambheshwar Ji Maharaj Institute of Religious Studies

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Kishna Ram Bishnoi	Professor & Chairperson	263159

3.8 FACULTY OF EDUCATION

Dean :Prof. Vandana Punia

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Vandana Punia	Professor	263199

3.9 FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Dean : Prof. N. K. Bishnoi

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. Kishna Ram 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

Sr. No.	Name	Designation	Telephone No.
1.	Dr. N. Sushil Kumar	Professor & Chairperson	263354
2.	Dr. Pallavi	Assistant Professor & Incharge	263148

3.10 FACULTY OF LAW

Dean : Prof. Sanjeev Kumar

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

3.11 DIRECTORATE OF DISTANCE EDUCATION

Director : Prof. O.P. Sangwan

Sr. No.	Name	Designation	Telephone No.
1.	Sh. Vinod Kumar	Assistant Professor (Computer Science)	263157
2.	Dr. Vizender Singh	Assistant Professor (Mathematics)	263135
3.	Dr. Sunaina	Assistant Professor (Mass Communication)	263135

3.12 HUMAN RESOURCE DEVELOPMENT CENTRE

Director : Prof. Vinod Kumar Bishnoi

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Vandana Punia	Professor	263199
2.	Sh. Anurag Sangwan	Assistant Professor	263164

3.13 DR. BHIM RAO AMBEDKAR LIBRARY

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Vinod Kumar	Librarian	263115, 263118
2.	Dr. S.S. Joshi	Dy. 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 2022-23 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)	01.08.2022
2.	Last date of submission of online application form and payment of fee through Net banking/Debit/Credit Card iii) Submission of online application form fee iv) Submission of application form	30.08.2022 (upto 05:00 pm) (upto12:00 Midnight)
3.	Display of provisional merit list and inviting objections for JRF (valid)/NET/GATE/GPAT candidates etc.	05.09.2022
4.	Last date for submitting objections through official email of the Chairperson of the department concerned.	06.09.2022
5.	Display of Final Merit list on the University Website	08.09.2022
6.	Date of counselling for admission of JRF (valid) /NET/GATE/GPAT candidates etc. in physical mode, and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/School/Institute of Religious Studies at 10:00 A.M.)	12.09.2022
7.	Display of category-wise vacant seats and the merit list for second counselling in physical mode on the university website.	16.09.2022
8.	Date of second counselling for admission of JRF (valid) /NET/GATE/GPAT candidates etc. and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/ School/ Institute of Religious Studies at 10:00 A.M.)	20.09.2022
9.	Display of seats remaining vacant category wise after admission of JRF (valid)/NET/GATE/GPAT etc. in various Teaching Departments/School	22.09.2022
10.	Date of Entrance Test for Vacant Seats	17.10.2022
11.	Date of Display of Entrance Test Result on University Website www.gjust.ac.in	19.10.2022
12.	Date of Display of Merit List and Counselling for admission of candidates qualifying Entrance Test and deposition of fee on the spot through online mode (Venue & Time: Department Concerned/School/ Institute of Religious Studies at 10:00 A.M.)	21.10.2022
13.	Date of Commencement of Course Work	27.10.2022
14.	Commencement of Course Work Examinations	April, 2023

NOTE: The validity of NET will be six years from the date of issue of certificate for the session 2022-23 only as a part of celebration of "Azadi Ka Amrit Mahotsav".

4.2 Further, 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.

4.3 The general guidelines for the Entrance Test are as under:

- (i) The Entrance Test will be of two hours duration with 100 marks consisting of multiple choice questions. The candidates may download the syllabus for entrance test from university website or may contact the Chairperson of respective Department.
- (ii) For admission in Ph.D. programme in the Department of Pharmaceutical Sciences, there will be separate question paper for each specialization namely (a) Pharmaceutical Chemistry, (b) Pharmaceutics, (c) Pharmacology, (d) Pharmacognosy of 100 marks each. The merit list of qualifying candidates of the entrance test will be displayed specialization-wise. However, inter-conversion of seats is not permissible i.e. from one specialization to another.
- (iii) For admission in Ph.D. programme on the seats remaining vacant after admission of JRF and for award of scholarships, the candidates are required to appear in Entrance Test. It will be held on the exam centres of GJUS&T, Hisar to be decided by the University as per schedule given below:

SHIFT-I: 17.10.2022	
TIME: (10:00am–12:00 noon)	
S. No.	Name of Departments for Entrance Test of Ph.D. Programme
1	Pharmaceutical Sciences
2	Food Technology
3	Physiotherapy
4	Communication Management & Technology
5	Mechanical Engineering
6.	Haryana School Business
7.	Hindi
SHIFT-II: 17.10.2022	
TIME: (02:00 pm – 04:00 pm)	
S. No.	Name of Departments for Entrance Test of Ph.D. Programme
1	Physics
2	Chemistry
3	Electrical Engineering
4	Computer Sc. & Engineering
5	Mathematics
6.	Electronics & Communication Engineering
7.	Printing Technology

CHAPTER-5

GUIDELINES TO APPLY ONLINE FOR ADMISSION TO Ph.D. PROGRAMME (2022-23)

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-2022-23 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.) 2022-23.
3. A Registration Fee of Rs. 1400/- for General Category; Rs. 350/- for reserved categories (SC/DSC/BC) and Rs. 700/- 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/Joint Committee of DEC-UGC-AICTE in case of degree acquired from Distance Education.
- iii) **UGC-CSIR/DBT/DST/ICMR/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) **UGC-NET (validity period-05 years from the date of issue of certificate)/GATE (valid)/GPAT(Valid)**. The condition of validity of duration of five years of issuance of NET certificate will not be applicable on the regular teachers working in State Universities/Central Universities and Govt./Govt. Aided Colleges. **As a part of celebration of “Azadi ka Amrit Mahotsav”, the validity of NET will be 06 years from the date of issuance of Certificate for this session 2022-23 only.**
- v) DMC of **M.Phil. (in regular mode from any other state University/Central Universities/Institutes of eminence or from Private Universities accredited and awarded at least “A grade” by NAAC) or Pre-Ph.D./Ph.D. course work** (with at least 55% marks in each paper or its equivalent grade in the UGC 7-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 **M.Phil. or 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 22.4 along with Registration fee and Caution money (Refundable) mentioned in sub clause 22.3 of the clause 22 (Fee Structure) of Ordinance-Doctor of Philosophy (Chapter-12).
- vi) 'No Objection Certificate' issued by the competent authority for pursuing Ph.D. programme, if employed. The relieving certificate alongwith orders of sanction of leave issued by the present employer of the candidate is required to be submitted in the concerned department of the university within two weeks of admission in Ph.D. programme.

vii) 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**.

viii) 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.

ix) 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.

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

xi) 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 before 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 2022-23.

Sr. No.	Name of Department	Total Vacant Seats	Information of seats under Broad Area of Specialization
1	Computer Science & Engineering	11	Mobile Communications (01), Data Mining (01), Software Engg. & Application of AI in Cloud Computing (01), Wireless Sensor Net Working / Deep Learning (02), Cloud Computing/Machine Learning (03), Cyber Security (03)
2	Communication Management & Technology	10	Communication & Media studies (01), Public Relations & Corporate Communications (04), New Media Research, Fake News & Misinformation (01), Communication, New & Social Media, Media & Cultural Studies, Cross-over and Intertextual Studies (02), Advertising & Public Relations, Film & Social Media (02)
3	Printing	01	Print Quality Control
4	Chemistry	06	Organometallic Chemistry (01), Organic Chemistry (02), Synthetic organic & Medicinal Chemistry (01), Organic/ Organometallic Synthesis and Medicinal Chemistry (02)
5	Mathematics	02	Mechanics of Solids (01), Commutative Probability of Groups (01)
6	Physics	01	Condensed Matter Physics (Theory) (01)
7	Food Technology	04	Food Science & Technology, Nutrition, Nutraceutical and Functional Food (02), Fruit Technology/Processing and Preservation of Fruit & Vegetables (01), Food Processing & Technology (01),
8	Haryana School of Business	14	Marketing (04), HRM (04), Finance (06)
9	Pharmaceutical Sciences	16	Pharmaceutical Chemistry (11), Pharmaceutics (02), Pharmacology (01), Pharmacognosy (02)
10	Electronics & Communication Engg.	14	Digital Signal Processing, Adaptive Signal Processing, VLSI Signal Processing (02), FPGA design (02), Digital Signal Processing (04), Signal Processing (04), Antenna Design (02)
11	Mechanical Engineering	15	Tribology (02), Production Engg. (03), Thermal Engg. (04), CAD/CAM (01), Biomaterials (01), Industrial Engg. Metaheuristics (04)
12	Physiotherapy	07	Orthopaedics/ Musculoskeletal (03), Manual Therapy, Biomechanics & Neurological Disorders (02), Cardiopulmonary (02)
13	Hindi	02	मध्यकालीन भक्ति काव्य, आधुनिक हिन्दी काव्य एवं कथा साहित्य
14	Electrical Engineering	04	Power System (04)
Total Seats		107	

*As a part of celebration of "Azadi Ka Amrit Mahotsav", one seat for admission to Ph.D. programme in each University Teaching Department/School/Institute of Religious Studies is created for female candidates of Haryana with exemption of JRF/NET/GPAT/GATE etc for the session 2022-23 only. Their admission shall be subject to the consent of the teacher in the Department/School concerned with the approval of the Vice-Chancellor and this seat will be over and above the maximum limit of scholars, a teacher is entitled to supervise as mentioned under Clause-8 of Ph.D. Ordinance available at Chapter-12 of this Information Brochure. If more than one candidate applies for admission on this seat in a department/school, then the admissions of the candidates will be made as per merit criteria defined at clause 4 vii) A of the Ph.D. Ordinance available at Chapter-12.

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. (2022-23)**' 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 department will have one University Research Fellowship. It will be awarded as per scholarship ordinance 3i(XIV) of the University. The amount of the Fellowship shall be Rs. 5000/- per month before the confirmation of registration and Rs. 8000/- per month after confirmation of registration in their respective departments. The contingency amount shall be Rs. 5000/- per annum.

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. 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 (2022-23)** 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.
 - 12) The seats remaining vacant under reserved category will be filled up in the manner indicated in the **Chapter-11: “Counselling” of Ph.D. Information Brochure-2022-23**.
 - 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

DISTRIBUTION AND RESERVATION OF SEATS FOR Ph.D. ADMISSIONS (2022-23)

S. No.	Name of Department	Total Vacant Seats	All India Category (15%)	Balance for Haryana Resident (85%)	Haryana Open General Category 50% * (v) – (vii)	EWS 10% 10% of 50%* (v)	Reserved Category of Haryana						Total
							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)	(xii i)	(xiv)
1	Mechanical Engg.	15	2.25	12.75	5.73	0.64	1.27	1.27	2.04	1.40	0.38	0	15
			2	13	5	1	1	2	2	2	0	0	
2	Pharmaceutical Sciences (16)												
	i) Pharmaceutical Chemistry	11	1.65	9.35	4.21	0.46	0.93	0.93	1.50	1.03	0.28	0	11
			2	9	4	0	1	1	1	1	1	0	
	ii) Pharmaceutics	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	
iii) Pharmacology	01	0.15	0.85	0.38	0.04	0.08	0.08	0.14	0.09	0.02	0	01	
		0	1	1	0	0	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	
		0	2	1	0	0	0	1	0	0	0		
3	Food Technology	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	0	0	1	0	0	0	
4	Computer Sc. & Engg.	11	1.65	9.35	4.21	0.46	0.93	0.93	1.50	1.03	0.28	0	11
			2	9	4	0	1	1	1	1	1	0	
5	Electronics & Communication Engg.	14	2.1	11.9	5.36	0.59	1.19	1.19	1.90	1.31	0.36	0	14
			2	12	5	1	1	1	2	1	1	0	
6	Physiotherapy	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	
7	Electrical Engineering	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	
8	Chemistry	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	
9	Haryana School of Business	14	2.1	11.9	5.36	0.59	1.19	1.19	1.90	1.31	0.36	0	14
			2	12	5	1	1	1	2	2	0	0	
10	Communication Management & Tech.	10	1.5	8.5	3.83	0.42	0.85	0.85	1.36	0.93	0.25	0	10
			2	8	3	1	1	1	1	1	0	0	
11	Physics	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	
12	Printing Technology	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	
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	1	0	0	0	0	0	
14	Mathematics	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		107	16.05	90.95	40.5	4.5	9.09	9.09	14.55	10.0	2.73	0	107
			16	91	41	4	9	9	15	10	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 2022-23. 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 three separate counsellings for admission to Ph.D. Programme two for JRF/NET/GATE/GPAT candidates/other entrance exempted categories candidates, and third counselling for the Entrance Test qualified candidates, if seats remain vacant after the 1st/2nd counselling)

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.
- II. In addition to the above, the candidates seeking admission to Ph.D. programme on the basis of **regular teacher of GJUS&T or Teachers/Scientist/Officers from participating institute of "Hisar Knowledge Hub" or non-teaching employees of GJUS&T or Foreign Nationals or SRF or Industry Sponsored** should also submit Consent/ Recommendation of his/her supervisor of the concerned subject before start of counselling. (The consent given by the supervisor should remain within limit as per **subclause-8.2 of clause-8 of Chapter-12: Ordinance-Doctor of Philosophy of the Information Brochure-Ph.D.**)

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 will 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 2022-23.
- III. The candidate, who reports late i.e., after his/her name had been called, will be considered subject to availability of seats at that point of time in the respective category.
- IV. The venue of the counselling will 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 will allot the seats as per merit/ preference subject to availability of seats.

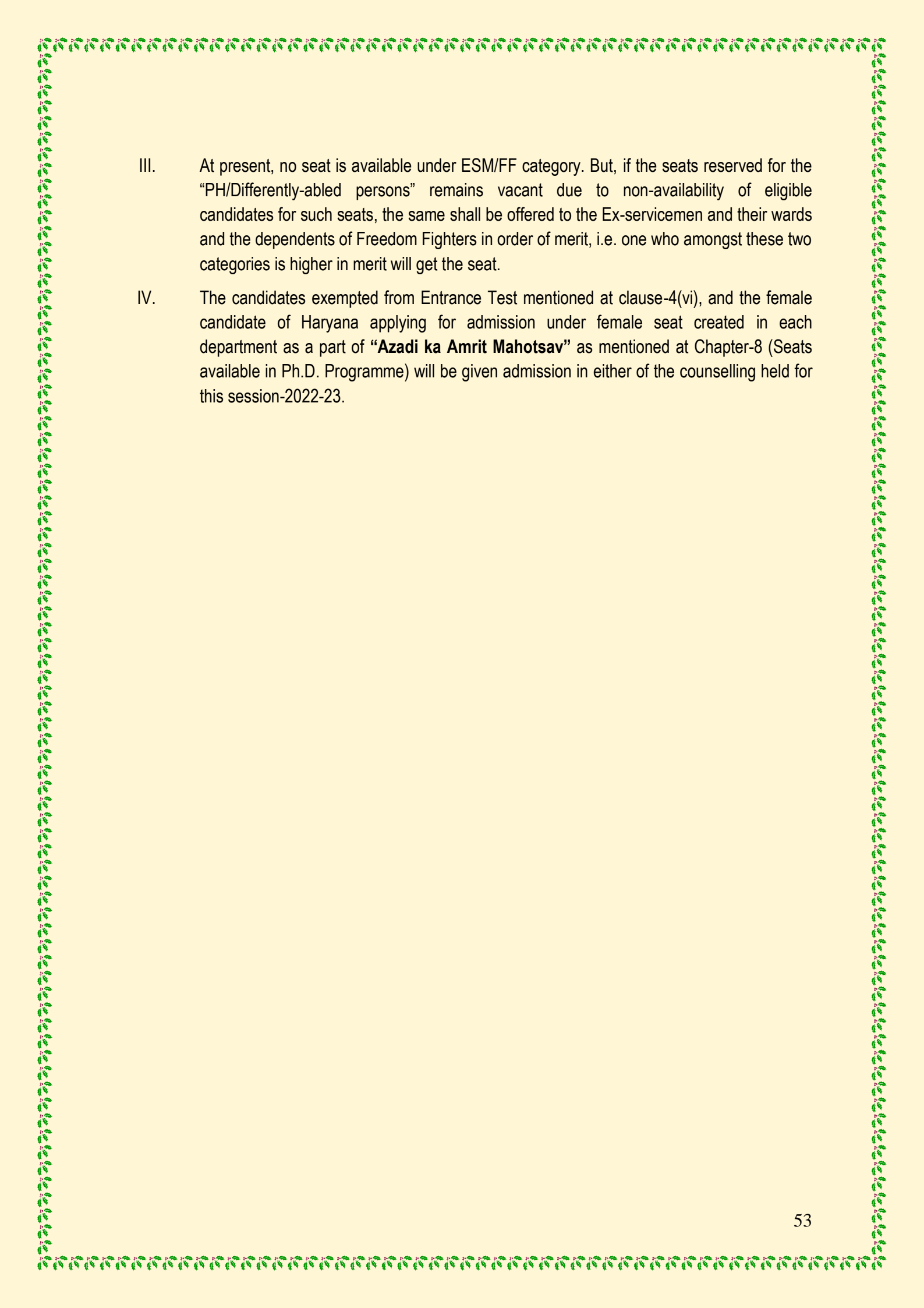
- VII. The Committee will issue provisional admission letter, on the basis of which the candidate will have to deposit fees **as per clause 22 of Chapter-12: Ordinance: Doctor of Philosophy** on the spot through online mode failing which their admission shall stand cancelled.
- VIII. After that, the 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 the 3rd counselling will 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 first from the JRF candidates of SC category of first counselling/2nd Counselling and then from the candidates qualifying the Entrance Test in order of merit before conversion into General category of Haryana (HOGC).**

The seats of BC-A or BC-B category remaining vacant after the admission of entrance test candidates will be filled by drawing combined merit list of the eligible candidates belonging to these categories first from JRF candidates of these categories of first counselling/2nd counselling and then from the combined merit list of Entrance Test qualifying candidates of these categories, before conversion into General category of Haryana (HOGC). Similarly, the vacant seats of “differently-abled person” category will be filled from the eligible candidates of ESM/FF category, on merit before conversion into General category.

The seats so converted in General category will be first offered to the JRF (valid) General category candidate in order of merit who appeared in first counselling held for JRF candidates but could not succeed to get admission due to non-availability of General category seat.

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.
- IV. The candidates exempted from Entrance Test mentioned at clause-4(vi), and the female candidate of Haryana applying for admission under female seat created in each department as a part of “**Azadi ka Amrit Mahotsav**” as mentioned at Chapter-8 (Seats available in Ph.D. Programme) will be given admission in either of the counselling held for this session-2022-23.

CHAPTER-12

ORDINANCE-DOCTOR OF PHILOSOPHY

In accordance with UGC (Minimum Standards and Procedure for the Award of Ph.D. Degree) Regulations, 2016

(w.e.f. 2022-23)

1. The Degree of Doctor of Philosophy (Ph.D.) may be awarded in various Faculties/School of the University.
2. 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.

3. **Academic Eligibility**

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

- i) Master 's degree in the subject concerned or in an allied subject with at least 55% marks **(50% for SC/ST, OBC (BC-A & BC-B non-creamy layer) and Differently-abled candidates of Haryana)** in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an 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 educational institutions.
- ii) For Haryana School of Business: Master's Degree 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) and Differently-abled candidates of Haryana)** in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an 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.

4. Procedure for Admission to Ph.D. Programme

- i) Applications for enrolment to Ph.D. Programme shall be advertised once in a year normally in the month of **April/May**. **The Academic Session will be treated from 1st July to 30th June of the subsequent Year.**
- ii) The Teaching Departments/School/GJIM Institute of Religious Studies of the University will declare the total seats once a year for Ph.D. admission in the beginning 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 annual basis as per schedule decided from time to time in accordance with the State reservation policy strictly. The number of seats once declared will not be altered under any circumstance.
- iii) The candidates having **UGC-CSIR/DBT/DST/ICMR/ASRB/UGC-National Fellowship for Schedule Caste/OBC students (NFSC/NFOBC)/HSCST-JRF (valid)** 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)/ **NET (Valid for five years from the date of issue of certificate)/Valid GATE/GPAT score** will be exempted from taking Entrance Test. The Ph.D. seats will be first offered to these candidates above in the following preferences as per merit criteria mentioned in sub clause-vii)
 - a. UGC-CSIR/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 NET (Valid for five years from the date of issue of certificate). **The condition of validity of duration of five years of issuance of NET certificate will not be applicable on the regular teachers working in State Universities/Central Universities and Govt./Govt. Aided Colleges.**
 - d. The Candidates having Valid GATE/ GPAT score
- iv) The seats remaining vacant after admission of candidates mentioned in above subclause-iii will be offered to the candidates qualifying Entrance Test for the admission to Ph.D. to be conducted as per schedule notified by the University. The seats of reserved category remaining vacant after admission of Entrance Test Qualifying candidates shall be converted into Haryana Open General Category (HOGC) as per procedure mentioned in Chapter of "Counselling" of the Ph.D. Information Brochure. The syllabi of Entrance Test will be decided by the concerned Teaching Departments/School based on core courses of the qualifying Post Graduate programme. The detailed syllabi will be uploaded by the department on the University Website.
- v) Entrance Test will be of 100 marks and a candidate must secure 50% marks (45% marks for SC/ST candidates of Haryana) to qualify the same.

vi) **The following categories of candidates are exempted from taking Entrance Test for admission to Ph.D. Programme and their admissions will be subject to the consent of teacher in the departments/school as per eligibility mentioned under Clause-8 of this Chapter Ordinance and availability of seats under him/her:**

- a) Regular teachers of Guru Jambheshwar University of Science & Technology and Foreign students.
- 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.**
- c) The SRF awardee from various national funding agencies like UGC/ICMR/CSIR etc. working under the mentorship of faculty member of GJUS&T.
- d) Candidates seeking admission under one supernumerary seat created for admission to Ph.D. programme in each University Teaching Department for Non-teaching employees of GJUS&T, Hisar who want to pursue Ph.D. programme in the University as per modalities/rules communicated vide Notification Endst. No. Regn/R-I/2017/515-75 dated 29.03.2017. The provision for rotation based admission on two supernumerary seats for four departments mentioned in clause (5) of the aforesaid letter dated 29.03.2017 shall stand removed from the session 2022-23.

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

- 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 as First Class Officer at the level of Managers, Senior Scientists, Senior Administrators working in

various Govt. Organizations/Institutes of National Repute or Industry registered with the Registrar of Company under the latest Companies Act in Govt. of India.

If more than one candidate applies for admission on this seat in a Department/School, the merit will be decided as per clause vii) A mentioned ahead

- vii) The merit list for admission to Ph.D. Programme shall be prepared by Department/School according to the following criteria:

A. For UGC-CSIR/DBT/DST/ICMR/ASRB/UGC-National Fellowship for Schedule Caste students (NFSC/OBC) /HSCST-JRF (valid)/DST Inspire Fellowship candidates/ NET (Valid for five years from the date of issue of certificates)/Valid GATE/ GPAT score:

- a) 60% weightage of marks in Master's Degree Examination
- b) 40% weightage of marks in Bachelor's Degree Examination
- c) Weightage of 05 marks to the candidate having passed the qualifying examination from GJUS&T, Hisar.

The merit list will be prepared as per provision of preference (separate merit list for each preference) given at clause 4 iii).

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) 50% weightage of marks in the Entrance Test.
- d) Weightage of 05 marks to the Research Fellow/Assistant/Associate/JRF working in the Research Project funded by the external agencies to the University for at least one year.
- e) Weightage of 05 marks to the candidate having passed the qualifying examination from GJUS&T, Hisar.

- viii) 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.

- ix) 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.
- x) 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.

- xi) 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.
- xii) The candidate standing in merit list prepared as per criteria in sub-clause (vi) of clause-4 will be given provisional admission in Ph.D. Program with the submission of required fee prescribed in clause (22) 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 concerned department/school is approved by the Academic Council.**

NOTE: The applicants who are covered under the exempted categories, mentioned at Clause 4(vi) above, may also appear in the entrance test, if they desire, to improve their chances for admission to Ph.D. programme in respective department of the university.

5. 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 of the Faculty 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 7-point scale (or an equivalent/CGPA in a point scale wherever grading system is followed). 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 will be an internal evaluation of Ph.D. course work examination. The coursework examination will be normally conducted in the first 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 third week of December and the result will be declared within the last of week of December. The reappear examination for course work shall be conducted within three 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 next year.
- viii) It is only on 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) The following candidates may be exempted from Ph.D. course work by the Vice-Chancellor subject to the condition that such candidates 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 22.4 along with Registration fee and Caution money (Refundable) mentioned in sub clause 22.3 of the clause 22 (Fee Structure):
 - a) A candidate who has already completed Pre-Ph.D./Ph.D. course work 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. The validity of such course work will be three years from the year in which he/she passed the Ph.D. course work.
 - b) M.Phil. degree passed in regular mode as per UGC regulations from any other State/Central Universities/Institutes of eminence or from Private Universities accredited at least "A grade" by NAAC

6. Process of Registration for Ph.D. programme

- 6.1 The candidate shall submit the Application(s) on the prescribed form (**Appendix-Form-'B'**) along with synopsis for registration to Ph.D. programme so that the registration may be recommended within one year from the declaration of result of the course work. The duration of one year 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.
- 6.2 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.

6.3 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.

6.4 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/inter speciality nature, the DRC may recommend a co-supervisor who can be from within the University or from other universities (In case of Private University, it should be accredited at least “**A grade**” by NAAC)/institutes of National repute/eminence having the status of Deemed University and various Govt. Research Organization and Research Labs in the country as well, for reasons to be recorded. The qualifications for a co-supervisor will be the same as prescribed for the supervisor except in the case of an eminent scholar. 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.

6.5 **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 will submit the recommended cases of Ph.D. registrations to Academic Council for consideration and approval.

6.6 After the approval of the Academic Council, the provisional admission/registration of the research scholar will be confirmed and he/she will be finally registered for the Ph.D. program. Consequently, the provisional enrolment number allotted to the research scholar shall become his/her Registration Number.

6.7 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.

- 6.8 The Chairperson/Director of the Department/School shall make best efforts to provide infrastructural facilities to the scholars on continuous basis.
- 6.9 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.

7. **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.

8. **Qualifications of the Supervisor/Co-Supervisor**

- 8.1 Any full time regular Professor of the University with at least five research publications and any regular full time Associate/Assistant Professor of the University with a Ph.D. degree with at least two research publications in refereed journals can act as 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. The condition of publications will not be applicable on the teachers appointed before the year 2016.
- 8.2 A Professor & Associate Professor may supervise at any one time not more than 08 Ph.D. scholars. For Assistant Professor, this limit is of 05 Ph.D. Scholars. A Professor/Associate Professor may also supervise two Ph.D. scholars under supernumerary seats over and above his/her maximum prescribed limit of 08 scholars. A DST inspire faculty is allowed to act as co-supervisor for 03 Ph.D. scholars. On the recommendations of the Board of Studies and Research, the Vice-Chancellor may permit these limits to exceed marginally on extra ordinary grounds to be recorded. No fresh registration will be allowed by BOS&R/ Academic Council to teachers who proceeded on Extra Ordinary Leaves. However, in the case of teacher on EOL/Retired/Left, the University may allow him/her to continue to act as supervisor if major part of research work has already been completed under their supervision. No Research Scholar will be allotted to a teacher during last year of his/her service.

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 8.2.

- b) In case a teacher as the permitted number of research scholars under his supervision (as per sub clause 8.2) and he/she wants to register additional research scholar in joint supervision, the seat will be counted full for the joint supervisor or vice-versa.

For example, suppose 08 scholars are registered with a Professor and he/she wants to register additional scholar under joint supervision with another teacher then the seat of the Professor will be counted NIL and the seat of the joint supervisor will be counted one.

- c) After the submission of Ph.D. thesis by the Research Scholar, the said seat of the teacher concerned will be considered as vacant.
- d) The GJUS&T faculty members will obtain NOC from the University before giving their assent to become co-supervisor for Ph.D. students registered in other institutes/universities.

9. 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.

10. 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 maximum period allowed may be extended, in exceptional cases, by another one year, by the Vice-Chancellor on the recommendations of the Supervisor(s) and the Departmental Research Committee. **The Departmental Research Committee will give proper justification while recommending such extension mentioning the extent of work done by the scholar.**

- ii. The women candidates and Persons with Disability (40% or more disability) may be allowed a relaxation of two years for Ph.D. in the maximum duration. 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 Department concerned shall issue the leave orders to this effect under intimation to the Registration 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.

11. Residential Requirement

- i. All the employed candidates seeking admission to Ph.D. programme shall have to produce NOC from their employer at the time of counselling. 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 admitted candidates during the entire Ph.D. programme except the regular/approved teachers/officers working in the affiliated colleges/institutes within jurisdiction of the university (District Hisar) or the teachers/officers/scientists of participating institutes of Hisar Knowledge Hub.
- 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 alongwith a "No Objection Certificate" (NOC) from his/her employer, to the concerned Chairperson/Director of the Department/Institute/School 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 will also submit leave sanction orders and relieving certificate from his/her employer for the remaining period for the 1st semester in addition to submission of NOC with the application seeking permission of the competent authority as mentioned in sub clause-(i) within 15 days of his appointment in service.

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 will also mention it in the application seeking permission of the competent authority and the same will be discontinued automatically from the date of his joining in the service. The Chairperson/Director of the concerned Department/Institute/School will inform the concerned branches about it.

12. Requirements after completion of Course Work-1st semester

- i) Every research scholar will be required to show continuous **semester wise progress after the completion of course work (1st 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. **The Chairperson of the Department concerned shall submit one copy of the progress report of the scholar 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 concerned Chairperson/ Director of the Department/School.
- iv) The Ph.D. scholars shall publish two research papers 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.
- v) 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.

13. Cancellation of Registration

The Academic Council, on the recommendation 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. 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.

14. Appointment of Examiners

On receiving application/request along with an abstract of the thesis including synopsis/chapter scheme from the existing research scholar (irrespective of his/her session of admission/Registration), the duly certified by the Supervisor, that his/her research work is complete and ready for submission, the supervisor will draw a list of sufficient number of examiners/specialists (at least **12**) keeping in mind their specialization for the evaluation of the thesis. 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 10** 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 **03** examiners from the institute/universities located in Haryana. One of the examiners should be from centrally funded institutes including IITs/NITs/IIMs/Central Universities/National Labs/CFTIs etc.

15. 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 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, 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.

16. Evaluation of Thesis

16.1 The thesis shall be finally referred to two examiners, out of which at least one shall be from outside the State or Country, selected by the Vice-Chancellor from the panel drawn by BOS&R. 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 anyone of the examiners 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.

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

17. Viva-Voce Examination

17.1 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. 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.

17.2 The 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.

17.3 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, 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.

18. 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.

19. 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 *M.Phil./Ph.D. Degree*) Regulations, 2016. 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.**

20. **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.

21. **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.

22. Fee Structure

22.1 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.

22.2 Information Brochure-(Ph.D.) & Online Application Fee: Rs.1400/-(Rs.350/-SC/BC & Rs. 700 for EWS candidates of Haryana).

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

i) Fee for course work	Rs. 10000/-
ii) Library membership	Rs. 2000/-
iii) Registration fee	Rs. 3000/-
iv) Caution Money (Refundable)	Rs. 5000/- one time

22.4 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. 500/- per half year
ii.	Tuition fee	Rs. 7500/- per half year
iii.	Library fee	Rs. 1000/- per half year
iv.	Internet fee	Rs. 1000/- 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. 5000/- per half year.
Full fee is required to be paid for that half year in which thesis is submitted by the scholar.		

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

22.6 During the Ph.D. program, the Ph.D. Scholars are required to deposit their half year (Semester) fees on or before 31st July (Odd semester) and 31st January (Even Semester) through online mode. The candidate is required to submit proof of fee payment to the office of chairperson of the Department/School concerned. In case, a candidate fails to deposit the fee within this stipulated time, the 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 ab initio. However, on the request of scholar with proper justification, the Vice-Chancellor, on the recommendation of Supervisor & Chairperson of the Department/School concerned may allow re-admission with a fee of Rs. 5000/-

“The first semester (Odd semester) 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 of Even Semester

and Odd Semester will be treated as “(28th February instead of 31st January) and (31st August instead of 31st July)” respectively.

The office of the Department concerned shall verify and mention the token number generated online on the fee receipt and send a copy of the same, under stamp and signature of the Chairperson/Director of the concerned Department/School, to the Accounts Branch for preparation of Demand and Collection Register (DCR).

22.7 Examination Fee (to be paid at the time of submission of thesis): Rs.10000/-

22.8 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 are not required to pay any kind of fee (non-refundable) and they may 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 ineligible for award of Post Matric scholarship or being eligible he/she is not awarded scholarship due to one or other reasons and not deposited the fees credited in account through DBT, he/she will be liable to pay full fee along with late fee as per rules.

22.9 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.

22.10 **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.

23. Remuneration payable to each examiner will be Rs. 3000/- for evaluation of thesis and Rs. 2000/- for viva-voce.

24. 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.

25. 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 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

Appendix-VI

CERTIFICATE OF THE UGC REGULATION, 2009/2016

Certified that Mr./Ms., Registration No.has completed his/her research work on the thesis entitled“.....”. S/He has followed the UGC regulations 2009/2016 (mention whichever regulations applicable). S/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 Co-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	<input type="checkbox"/> Male <input type="checkbox"/> 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

(For use of Registration Branch)
Certified that Mr./Ms./Mrs. _____ 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 marksheets 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				

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, Mazhibi 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.	Bharbhujia, 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 October 2021 declared by the University Grants Commission available on UGC website www.ugc.ac.in.

Delhi

1. Commercial University Ltd., Daryaganj, Delhi.
2. United Nations University, Delhi.
3. Vocational University, Delhi.
4. ADR-Centric Juridical University, ADR House, 8J, Gopala Tower, 25 Rajendra Place, New Delhi-110 008.
5. Indian Institute of Science and Engineering, New Delhi
6. Vishwakarma Open University for Self-Employment, Rozgar Sewa sadan, 672, Sanjay Enclave, Opp. GTK Depot, Delhi-110033.
7. Adhyatmik Vishwavidyalaya (Spiritual University), 351-352, Phase-1, Block-A, Vijay Vihar, Rithala, Rohini Delhi-110085.

Karnataka

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

Kerala

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

Maharashtra

10. Raja Arabic University, Nagpur, Maharashtra

West Bengal

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

Uttar Pradesh

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

Odisha

17. Nababharat Shiksha Parishad, Anupoorna Bhawan, Plot No. 242, PaniTanki Road, Shakti Nagar, Rourkela-769014.
18. North Orissa University of Agriculture & Technology, Odisha.

Puducherry

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

Andhra Pradesh

20. Christ New Testament Deemed University, # 32-23-2003, 7th Lane, Kakumanuvarithota, Guntur, Andhra Pradesh-522002 or # fit No.301, Grace Villa Apts., 7/5, Srinagar, Guntur, Andhra Pradesh-522002.

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 have been issued on or after June, 2022.

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.....
Date: _____ Designation.....
(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 _____ Signature of the issuing authority
Full Name.....
Date: _____ 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 April, 2022 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)**

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.

UNIVERSITY SECURITY OFFICE
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
STUDENTS VEHICLE GATE PASS PROFORMA UNDERTAKING FOR 2022-23
(To be filled in Duplicate)



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 DepartmentGJUS&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 2022-23 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.

letter)

Signature of the Parent
(Name of the Father/ Mother in Capital
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)	<input type="text"/>
(In Hindi)	<input type="text"/>
2. Father's Name (In block letters)	<input type="text"/>
(In Hindi)	<input type="text"/>
3. Mother's Name (In block letters)	<input type="text"/>
(In Hindi)	<input type="text"/>
4. Spouse Name (In block letters)	<input type="text"/>
(In Hindi)	<input type="text"/>
5. Date of Birth	<input type="text"/> 6. Gender Male <input type="checkbox"/> Female <input type="checkbox"/>
7. Nationality	<input type="text"/>
8. Adhaar No.	<input type="text"/>
9. Permanent Address	<input type="text"/>
10. Mailing Address	<input type="text"/>
11. Telephone No.	<input type="text"/> 12. Email <input type="text"/>

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 ?

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

AI HOG SC

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 hat 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 2022-23

REGULAR COURSES:

Post Graduate Courses

M.Tech. (Computer Science & Engineering)
M.Tech. (Environmental Science & Engineering)
M.Tech. (Electronics & Communication Engineering)
M.Tech. (Mechanical Engineering)
M.Tech. (Printing Technology)
M.Tech. (Nano Science and Technology)
M.Tech. (Food Technology)
M.Tech. (Geo-informatics)
M.Pharm. (Pharmaceutical Chemistry)
M.Pharm. (Pharmaceutics)
M.Pharm. (Pharmacology)
M.Pharm. (Pharmacognosy)
Master of Physiotherapy (Sports Physiotherapy)
Master of Physiotherapy (Neurological Disorders)
Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)
Master of Computer Applications
Master of Business Administration (MBA)
MBA-Finance
MBA-Marketing
MBA-International Business
MBA-(Business Analytics)
M. Com
M.Sc. (Psychology)
M.Sc. (Biotechnology)
M.Sc. (Microbiology)
M.Sc. (Chemistry)
M.Sc. (Environmental Sciences)
M.Sc. (Food Technology)
M.Sc. (Mathematics)
M.Sc. (Physics)
M.Sc. (Economics)
M.Sc. (Yoga Science & Therapy)
M.A (Mass Communication)
M.A. English
M.A. Hindi
P.G. Diploma in Guidance & Counselling
P.G. Diploma in Yoga Science & Therapy

Under Graduate Courses

Bachelor of Pharmacy
Bachelor of Physiotherapy
B.Tech. (Computer Science & Engineering)
B.Tech. (Computer Sc. & Engg. – Artificial Intelligence & Machine Learning)
B.Tech. (Electronics & Communication Engineering)
B.Tech. (Electronics & Biomedical Engineering)
B.Tech. (Information Technology)
B.Tech. (Mechanical Engineering)
B.Tech. (Printing Technology)
B.Tech. (Packaging Technology)
B.Tech. (Food Technology)
B.Voc. (Food Processing and Engineering)
B.Tech. (Civil Engineering)
B.Tech. (Electrical Engineering)
B.Tech. (Biomedical Engineering) (zero session)

Dual-Degree B.Sc. (Hons.)

Dual Degree B.Sc. (Hons.) Physics- M.Sc. (Physics)
Dual Degree B.Sc. (Hons.) Chemistry- M.Sc. (Chemistry)
Dual Degree B.Sc. (Hons.) Mathematics- M.Sc. (Mathematics)
Dual Degree B.Sc. (Hons.) Biotechnology- M.Sc. (Biotechnology)
B.Sc. (Hons.)
B.Sc. (Hons.)-Economics
B.Sc. (Hons.)-Psychology
B.Sc. (Hons.)-Computer (Data Science)
B.A. Mass Communication 4 year

THROUGH DISTANCE MODE SESSION 2021-22

Master of Business Administration (MBA)
Master of Commerce (M. Com)
Master of Computer Applications (MCA)
M.A. (Mass Communication)
M.Sc. (Mathematics)
B.A. (Mass Communication)
Bachelor of Arts (B.A.)
Bachelor of Commerce (B.Com.)

Programmes offered in Online Mode

Master of Business Administration (Marketing)
Master of Business Administration (Human Resource)
Bachelor of Commerce (General)