



Information Brochure
**DOCTOR OF
PHILOSOPHY
(Ph.D.) 2019-20**



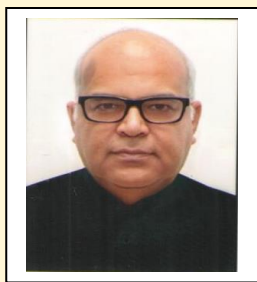
- **NAAC 'A' Grade Accredited University since 2002**
- **Grade Autonomous University under UGC regulations, 2018**
- **Among 101-150 Universities of India (NIRF-2019)**
- **h-Index: 81 (Scopus)**

Available at: www.gjust.ac.in

**Guru Jambheshwar University of Science &
Technology, Hisar-125001**
(Established by State Legislature Act 17 of 1995)

IMPORTANT DATES FOR ADMISSION TO Ph.D.PROGRAMME FOR SESSION 2019-20

S. No.	Description	Date & Time
1.	Availability of Information Brochure– Ph.D.(download from University website: www.gjust.ac.in)	13.12.2019
2.	Last date for submission of Online Application Form and payment of fee through Net Banking/Debit/Credit Card	27.12.2019
3.	Date of Entrance Test	08.01.2020
4.	Date of display of Entrance Test Result on University website: www.gjust.ac.in	09.01.2020
5.	Date of Counselling for admission in Ph.D. Programme	13.01.2020 (at 10:00 am in respective departments)
6.	Commencement of classes for course work of Ph.D. Programme	15.01.2020



Prof. Tankeshwar Kumar
Vice-Chancellor



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

FOREWORD

It is a matter of pleasure that you have shown interest in doing doctoral degree from Guru Jambheshwar University of Science & Technology, Hisar. Let me take this as an opportunity to tell you that the university is celebrating its silver jubilee this year (from 20 October, 2019 to 20 October, 2020). In the last 24 years, the university has been successful in earning a 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. This is the university which has been accredited with grade 'A' three times consequently by the National Assessment and Accreditation Council since 2002 and up to 2021, This is the university which has been granted graded autonomy and UGC has placed it in category II Universities. This is the university which has been ranked 101-150 among the Universities/Institute in India as per National Institute Ranking Framework (NIRF) in 2019. Further, the University has also been admitted in Global Initiative Academic Networks (GIAN) Phase-III scheme, a prestigious scheme of MHRD. It has received highest financial grants in Haryana State from RUSA and MHRD.

The University offers Ph.D. programmes in its all post-graduate Departments. The research endeavours of the faculty members and scholars of this University have led to awarding of more than 743 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, the h-index of the University has gone up to 81 in its silver jubilee year from 17 in 2009-10. On the basis of h-index, the University has been sanctioned PURSE grant of Rs. 10.25 crores for research.

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 not less than expected from any centre of Excellence in Higher Education and Research. I convey my best wishes to all students seeking admission in Ph.D. and their future research pursuits.

Prof. Tankeshwar Kumar



Dr. Anil Kumar Pundir
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.

Dr. Anil Kumar Pundir

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OFFICERS OF THE UNIVERSITY

Hon'ble Chancellor
Sh. Satyadev Narayan Arya, Governor, Haryana

Vice-Chancellor	Prof. Tankeshwar Kumar	01662-276192, 263101 Fax: 01662-276240 e-mail: vc@gjust.org
Registrar	Dr. Anil Kumar Pundir (Additional Charge)	01662-263104, 276025 Fax: 01662-276025
Dean Academic Affairs	Prof. Usha Arora	01662-263674, 263369
Proctor	Prof. V.K. Bishnoi	01662-263368
Chief Warden (Boys)	Prof. Sandeep Rana	01662-263333
Chief Warden (Girls)	Prof. ShabnamSaxena	01662-263372
Dean Students Welfare	Prof. Saroj	01662-263380
Dean of Colleges	Dr. Anil Kumar Pundir	01662-263588
Controller of Examinations	Prof.Yash Paul Singla	01662-263130

DEANS OF FACULTIES

Prof. Parveen Kumar Dean, Faculty of Environmental and Bio-Sciences & Technology 01662-263342	Prof. Usha Arora Dean, Faculty of Education Dean, Haryana School of Business 01662-263370
Prof. VikramKaushik Dean, Faculty of Media Studies 01662-263181	Prof. YogeshChaba Dean, Faculty of Engineering & Technology 01662-263320
Prof. D.C. Bhatt Dean, Faculty of Medical Sciences 01662-263379	Prof. J.B. Dahiya Dean, Faculty of Physical Sciences & Technology 01662-263356
Prof. Kishna Ram Dean, Faculty of Religious Studies 01662-263159	Prof. S.C. Kundu Dean, Faculty of Humanities and Social Sciences 01662-263182
Prof. Karam Pal Narwal Dean, Faculty of Law 01662-263329, 263229	

OTHER OFFICERS

Director, Distance Education	Prof. Harbhajan Bansal	01662-263157
Dean, Research	Prof. Narsi Ram Bishnoi	01662-263321
Director, Dr. A.P.J. Abdul Kalam CIL	Prof. Devinder Kumar	01662-263352
Director, HRDC	Prof. Neeraj Dilbaghi	01662-263199
Head, CIIP	Prof. H.C. Garg	01662-263555
Director, IQAC	Prof. Ashish Aggarwal	01662-263500
Dean International Students	Prof. Tika Ram	01662-263374
Dean Alumni	Prof. Rajesh Kumar	01662-263167
Dean International Relations	Prof. Vinod Chhokar	01662-263165
Co-ordinator, NSS	Dr. Anil Kumar	01662-263384
Director, PDUIC	Sh. Mukesh Kumar	01662-263179
Librarian, Dr. Bhim Rao Ambedkar Library	Dr. Vinod Kumar	01662-263301
Director, Placement	Sh. Partap Singh Malik	01662-263507
Director, Sports	Dr. Shashi Bhushan	01662-263177

CHAIRPERSONS OF THE DEPARTMENTS

S. No.	Name of Department	Chairperson	Telephone STD (01662)	Mobile No.(s)
1.	Applied Psychology	Prof. Rakesh Behmani	263168, 263377	9896271775
2.	Bio & Nano Technology	Prof. Vinod Chhokar	263165, 263355	9992793333
3.	Biomedical Engineering	Prof. Dharmender Kumar	263180, 263529	9416080067
4.	Chemistry	Prof. Devinder Kumar	263358, 263152	9416588307
5.	Communication Management & Technology	Prof. Umesh Arya	263148, 263354	9416346589
6.	Computer Science & Engineering	Prof. Rishi Pal Singh	263173	9215244224
7.	Electronics & Communication Engineering	Prof. Deepak Kedia	263171, 263529	9315435151
8.	Electrical Engineering	Prof. Dharmender Kumar	263323	9416080067
9.	Environmental Science & Engineering & Mentor Department for Civil Engineering	Prof. R. Baskar	263129, 263325	9416439339
10.	Civil Engineering	Prof. Asha Gupta	263129, 263371	9416372247
11.	Food Technology	Prof. Alka Sharma	263150, 263365	9812155510
12.	Haryana School of Business	Prof. Karam Pal Narwal, Director	263111, 263329	9813705928
13.	Mathematics	Dr. Kapil Kumar	263367, 263574	9416303875
14.	Mechanical Engineering	Dr. Pankaj Khatak	263559	9416244814
15.	Pharmaceutical Sciences	Prof. Neeru Vasudeva	263580, 263565	9991428831
16.	Physics	Prof. Sujata Sanghi	263176, 263385	9416794270
17.	Physiotherapy	Prof. Sunil Sharma Dr. Shabnam Joshi, Incharge	263325, 263541	9729922466
18.	Printing Technology	Sh. ArohitGoyat	263175	9466441469
19.	Guru Jambheshwar Ji Maharaj Institute of Religious Studies	Prof. Kishna Ram Bishnoi	263159	9416422416
20.	Economics	Prof. N.K. Bishnoi	263174	9991932828
21.	Hindi	Prof. Kishna Ram Bishnoi	263159	9416422416
22.	English	Prof. Umesh Arya	263148, 263354	9416346589

HOSTEL ADMINISTRATION

Chief Warden (Girls)	Prof. Shabnam Saxena	01662-263372		
Chief Warden (Boys)	Prof. Sandeep Rana	01662-263368, 263676		
Deputy Chief Warden (Girls)	Dr. Suman Dahiya	01662-263394		
Deputy Chief Warden (Boys)	Dr. Vikas Verma	01662-263542		
Wardens for Boys' Hostels				
1	Boys' Hostel No. I (J.C. Bose Sadan)	Dr. Hardev Singh Sh. Abhimanyu 263189 263189		
2	Boys' Hostel No. II (Aryabhata Sadan)	Dr. Vivek Gupta 263186		
3	Boys' Hostel No. III (Madan Lal Dhingra Sadan)	Dr. Manoj Medal 263545, 263519		
4	Boys Hostel No. IV (Vivekanand Bhawan)	Dr. Vikram Jeet Singh Sh. Vijay Pal 263626 263625		
Coordinators and Lady Wardens for Girls' Hostels				
S.N.	Girls' Hostels	Coordinator	Lady Warden	Telephone No.(s)
1.	Girls Hostel No. I (Kasturba Bhawan)	Dr. Mona Sharma	Ms. Sucheta Malik (on deputation) Ms. Jyoti Mehta	263190
2.	Girls Hostel No. II Saraswati Bhawan	Dr. Anu Gupta	Ms. Ritu Yadav	263191
3.	Girls Hostel No. III Manikarnika Bhawan	Dr. Vandana Singh	Ms. Monika (CDC)	263391
4.	Girls Hostel No. IV (Amrita Devi Bhawan)	Dr. Suman Dahiya	Ms. Suman Bhola (Additional duty)	263394
5.	Working Women Hostel (Kalpana Chawla Bhawan)	Dr. Meenakshi Bhatia	Ms. Manjeet	263591

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 to the residents. The University has been recognized by the University Grants Commission (UGC) under Section 2(f) for

recognition of degrees on 11.1.1996 and under section 12(B) of the UGC Act to be eligible for central assistance on 7.2.1997.



The University is 'A' Grade accredited by National Assessment and Accreditation Council (NAAC), since 2002. In addition to this, the university has been ranked by NIRF among 101-150 Universities of India since 2017. Further, the Department of Pharmaceutical Sciences has been ranked 35th in India by NIRF in 2019. 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 2513. 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 81 at present from 17 in 2009-10 with 2513 publications and over 37422 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 has a circular design of three storey building with a seating capacity of 400 seats. The Library runs in two shifts from 9.00 A.M. to 7.00 P.M. and remains open on Saturdays and Sundays also. The timings of Night Reading Halls are 8.00 A.M. to 12.00 midnight. However, during examination days, these remain open round the Clock.

The library, since its inception, is striving to cater to the updated informational requirement to its patrons. By the end of the September 2019, library has a collection of 109785 books and 5622 bound volumes of journals. The library is subscribing 212 Indian printed journals, 35 magazines and 20 newspapers.

The Library has always been in forefront in the application of latest information and communication technology, as and when it is available. To make it accomplish, the Library in its electronic repository, has the access to 7000+ e-journals and 5 Databases namely Prowess, SPSS, India Business Insight, J-Gate Plus (JCCC) and EPWRF. In addition, 18310 video Lectures of IITs through National Programme on Technology Enhanced Learning are also accessible over Campus Wide

Network. Moreover, 2149 e-books of national and international reputed publishers have also been added in e-repository to benefit the students. A DD Free Dish under SWAYAM PRABHA Programme initiated by Government of India having 32 Educational Channels has been installed in the Video Conferencing Hall of the library. Further, to cope up with the current informational demands of the science users, the library has taken the life time Institutional Membership of Current Science Association. To access the existing databases and e-resources, the Library has established two labs, i.e., Research Database Lab for the Research Scholars & Faculty Members and a SC/ST students' Lab with the state-of-the-art facility.

The Library recorded 136282 visitors from October 2018 to September 2019. During this period total issue for home lending were 44405 books and total 122114 books were consulted by the members of the library.

Apart from the above, the Library provides the facility to detect and check plagiarism by using "Turnitin"- An Anti-Plagiarism Software. Library is a member of National Digital Library. National Digital Library of India (NDL India) is a pilot project to develop a framework of virtual repository of learning resources with a single-window search facility. It is being developed to help students to prepare for entrance and competitive examination, to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources.

Pt. Deendayal Upadhyay 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 06 dedicated servers to cater the ICT activities of the University.

The centre also hosts the information centric website of University for students/stakeholders/readers for the latest information about the University. In addition, the centre hosts an independent website for Distance Education Department for the related latest information. 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 Bharti Airtel 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 internal mail server of the University.

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 and adequate playgrounds and other recreational facilities like chessboards, carom boards, badminton courts etc. The hostels have 24x7 Ambulance facility for students residing in hostels 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 views to the residents. The girls hostel complex, in which all the girls hostels reside, have air-conditioned Cyber café, general store, beauty parlour, 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 is provided strictly on merit for boys & 100% accommodation is given to girls. The prospective hostellers are also required to submit medical fitness certificate at the time of admission. The hostel residents are governed by the terms and conditions as contained in the University Hostel Regulations. The university administration with the very energetic and dedicated team of hostel administrations ensure a better quality of life for all the hostel residents.

Ch. Ranbir Singh Auditorium

Ch. Ranbir Singh Auditorium forms the main component of architectural composition of the Central core of 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. of national & international level. Ch. Ranbir Singh Auditorium building is one of the beautiful and State-of-the-Art Auditoriums in India and it has been awarded by National Planning Commission of India (Construction Industry Development Council Vishwakarma Awards 2014) under best construction project at National level. This

Auditorium building has also recently been awarded by National Planning Commission of India (Construction Industry Development Council Vishwakarma Awards 2015) under best maintained structures at National level.

Sports Facilities

The Directorate of Sports was established and working since 1996 in the University. The games in the University are Football, Lawn Tennis, Basket-ball, Handball, Volleyball, Badminton, Table-Tennis, Yoga, Weight lifting and Shooting Range etc. There are two cemented cricket practice pitches, one ground each for Football, Handball, Cricket as well as an Athletic Track of 400 metre. In addition, there are two cemented Lawn Tennis court with practice wall. One high tech Gym is established in the Multipurpose Hall in the premises of the Directorate of Sports. For participation in various games, the University provide sports kit and track suit to all the players, coaches and the Team Manager who accompany the team. This year, our University students have participated in more than 50 Inter University tournaments and achieved various positions. The University was declared champion in All 26 India Inter University Tournament in Circle Kabaddi (M&W), stood runner up in All India Inter University Tournament of Penchek Silat (W), All India Inter University Hockey 5 A side (W) & All India Inter University Wrestling (W). The students of the University won many individual medals in various games. To motivate the players, the Directorate of Sports awarded the cash prize of Rs. 5.50 lacs to position holders during the year 2017-18 and also planning to award the cash prize to the position holder's players during the year 2018-19.

Dr. A.P.J. Abdul Kalam Central Instrumentation Laboratory

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 (400MHz), Atomic Absorption Spectrometer (AAS), UV-VIS-NIR Spectrophotometer, Fourier Transform Infrared (FTIR) Spectrometer, Differential Scanning Calorimeter (DSC), Microwave Plasma Atomic Emission Spectrometer (MP-AES), Microwave Synthesizer, Mass Spectrometer – Liquid Chromatography Mass Spectrometry (LC-MS/MS QTOF) Ultra High Performance Liquid Chromatography (UHPLC) and other sophisticated instruments are under purchase process, e.g., High Resolution Field Emission Scanning Electron Microscope With EDS (FE-SEM). The CIL cater to the needs of the students, research scholar and teacher 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 placements activities for the students. The Cell is having appropriate infrastructure such as Seminar Room, GD room, Interview Room etc. to execute the placement process. The Training and Placement Cell liaisons with the potential industries and provides necessary guidance to the students. The Cell facilitates arranging on-campus placements of students in various industries, makes arrangements for students to participate in off-campus drives.

University Health Centre

The University Health Centre is there for medical needs of students, staff and their family members. It is spacious enough having four 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, autoanalyser and haematology analyser. Dental clinic is very well equipped with modern equipments like RVG, Apex locator, scaler etc.

Health Centre remains open from 7.30 am to 6.00 pm with Ambulance facility for an 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.

SC/ST& Scholarship Cell

The Cell provides financial support to the reserved category students enshrined by the Centre and State Government from time to time. The following type of scholarships are granted to the SC and BC candidates under the Schemes 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 State Harijan Welfare Scheme.
- (iii) Financial help from District Welfare Office 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. The prime objective of the CIIP 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 academic 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 solution for pressing global challenges. CIIP also aims to manage and protect the intellectual property rights of the

university, faculty members, research scholars, students and other connected with the work, product, ideas and inventions created in connection with the activities of the University. The core areas under gambit of CIIP are:

i) Consultancy: To execute all Consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting levels of excellence in teaching and research, and in the process, generating funds.

ii) Intellectual Property Rights (IPR): To manage and protect the Intellectual property rights of the University and to ensure the Commercial Use of University's in-house research and technology-outcomes to outside world.

iii) Teaching Learning Process and Industrial R&D: To create conducive environment for active participation of industry in the teaching learning process and collaborative research.

iv) Training and Placement: The efforts of CIIP in bridging the gap between industry and academia will automatically promote Training and Placement opportunities for the students of the university. To take care of Training and placement activities in a focused manner, a separate T&P Cell already exists in the university.

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. The National Assessment and Accreditation Council (NAAC) has judged the HRDC of the University as First out of 66 Human Resource Development Centres in the country and put it in the front seat.

Recently, 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 counseling to students and patients. Career counseling, 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 and also monitors various cultural activities. Some important facilities provided by this office are as follows:

- (i) Students Safety Insurance Policy for the regular students of UTD's.
- (ii) "Earn While You Learn" Scheme.
- (iii) Funding of Educational & Industrial Tours.
- (iv) Financial Aid to the Needy Students.
- (v) Railway Concession Voucher Facility.

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's 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 cell works in accordance with the Constitutional and Supreme Court mandate of prohibition of gender discrimination and sexual harassment at work place. The Women Cell consists of 6 members including senior persons from teaching and non-teaching staff.

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. NSS volunteers actively participate in various regular activities like literacy, plantation, cleanliness and Blood Donation Camps. 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.



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.

Pandit Deendayal Upadhyaya Innovation & Incubation Centre (PDUIC)

The Pandit Deendayal Upadhyaya Innovation & 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, MHRD, Government of India, New Delhi simultaneously in Twenty six States, one Union Territory and Fifty One Aspirational Districts of the entire nation with budget outlay of Fifteen Crores. The PDUIC has already invited Proposals/Ideas/Blueprints from Young Innovators, Professional Experts, Linkage tie-ups, Industry collaborators for Innovative ideas and for developing Prototypes/Product Development/Start-up's

Novel Hand-held Devices/Point-of-Care Devices/ Entrepreneurships from individual or groups of National & International repute in Thematic areas of Agricultural Sciences, Business Management, Engineering, AI, IOT & Robotics, Life Sciences, Pharmaceutical Sciences, Physical Sciences, Medical Sciences & Yoga Sciences for the benefit of the Society. In 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.

CHAPTER-2

FACULTIES, DEPARTMENTS & COURSES OF STUDY

2.1 FACULTY OF ENGINEERING & TECHNOLOGY

Departments		Courses	
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. (Computer Science & Engineering)
		v)	B.Tech. (Information Technology)
C	Electronics & Communication Engineering	i)	Ph.D.
		ii)	M.Tech. (Electronics & Communication Engineering)
		iii)	B.Tech. (Electronics & Communication Engineering)
		iv)	B.Tech. (Electrical Engineering)
D	Biomedical Engineering	i)	M.Tech. (Biomedical Engineering) (Zero Session 2019-20)
		ii)	B.Tech. (Biomedical Engineering)) (Zero Session 2019-20)
E	Mechanical Engineering	i)	Ph.D.
		ii)	M.Tech. (Mechanical Engineering)
		iii)	B.Tech. (Mechanical Engineering)
F	Electrical Engineering		B. Tech. (Electrical Engineering)

2.2 FACULTY OF MEDIA STUDIA

Departments		Courses	
A	Communication Management & Technology	i)	Ph.D.
		ii)	M.Sc. (Mass Communication)

2.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments		Courses	
A	Environmental Science & Engineering	i)	Ph.D.
		ii)	M.Tech. (Environmental Science & Engineering)

		iii)	M.Tech. (Geo-informatics)
		iv)	M.Sc. (Environmental Sciences)
		v)	B.Tech. (Civil Engineering)
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)

2.4 FACULTY OF PHYSICAL SCIENCES AND TECHNOLOGY

	Departments		Courses
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)
C	Physics		Ph.D.
		ii)	M.Sc. (Physics)
		iii)	Dual degree B.Sc. (Hons.) Physics- M.Sc. (Physics)

2.5 HARYANA SCHOOL OF BUSINESS

	Departments		Courses
A	Haryana School of Business	i)	Ph.D.
		ii)	Master of Business Administration (MBA)
		iii)	MBA (Finance)
		iv)	MBA (Marketing)
		v)	MBA (International Business)
		vi)	M.Com.
		vii)	M.Sc. (Economics)

2.6 FACULTY OF MEDICAL SCIENCES

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

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 degree 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)
- (ii) B.Ed.-M.Ed. – three years integrated course (Annual System)
- (iii) Bachelor of Education (B.Ed.) -two year regular course
- (iv) B.Ed. (Shiksha Shastri)
- (v) Bachelor of Elementary Education (B.El.Ed.) – four year course (Annual System)
- (vi) Bachelor of Education (B.Ed.) –Part Time three years course
- (vii) Diploma in Physical Education (D.P.Ed.)

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

The University also offers the following courses through distance learning mode. The Regular students of this University are allowed to pursue Distance Learning courses simultaneously. Such students are given 25% concession in fees of Distance Learning course(s). This facility is given to the regular students only so that they can pursue add on courses for enhancing their placement potential.

S.N.	Course	S.N.	Course
1.	M.A. (Mass Communication)	14.	P.G. Diploma in Industrial Safety Management (PGDISM)
2.	M.Sc. (Mathematics)	15.	P.G. Diploma in Environmental Law (PGDEL)
3.	M.Sc. (Computer Science)	16.	P.G. Diploma in Financial Management (PGDFM)
4.	Master of Business Administration (MBA)	17.	P.G. Diploma in Human Resource Management (PGDHRM)
5.	Master of Commerce (M.Com.)	18.	P.G. Diploma in International Business (PGDIB)
6.	Master of Computer Applications (MCA)	19.	P.G. Diploma in Production And Operations Management (PGDPOM)
7.	MCA(5-Year Integrated)	20.	P.G. Diploma in Marketing Management (PGDMM)
8.	P.G. Diploma in Computer Applications (PGDCA)	21.	Bachelor of Business Administration (BBA)
9.	P.G. Diploma in Environmental Management (PGDEM)	22.	B.A. (Mass Communication)
10.	P.G. Diploma in Taxation (PGDT)	23.	B.A. (Bachelor of Arts)
11.	P.G. Diploma in Advertising & Public Relations (PGDA&PR)	24.	B.Com. (Bachelor of Commerce)
12.	P.G. Diploma in Bakery Science & Technology (PGDBST)	25.	Certificate Programme in Swami Vivekananda Studies (CPSVS)
13.	P.G. Diploma in Counseling & Behaviour Modification (PGDCBM)		

CHAPTER-3

DEPARTMENT- WISE FACULTY POSITION

3.1 FACULTY OF ENGINEERING & TECHNOLOGY

Dean: Prof. Yogesh Chaba

A. Department of Computer Science & Engineering

Sr. No.	Name	Designation	Telephone No. (STD Code No. 01662)
1.	Dr. Dharminder Kumar	Professor	263373
2.	Dr. Dinesh Kumar (On EOL)	Professor	263399
3.	Dr. Saroj	Professor	263380
4.	Dr. Yogesh Chaba	Professor	263320
5.	Dr. Pradeep Kumar Bhatia	Professor	263343
6.	Dr. Rishi Pal Singh	Professor & Chairperson	263173
7.	Dr. Om Prakash Sangwan	Professor	263173
8.	Dr. Dharmender Kumar	Professor	263323
9.	Dr. Ritu Makani	Associate Professor	263344
10.	Dr. Sanjeev Kumar	Associate Professor	263318
11.	Dr. Sunila	Associate Professor	263331
12.	Dr. Jyoti Vashista	Associate Professor	263344
13.	Dr. Sunil Kumar	Assistant Professor	263319
14.	Dr. Jaswinder Singh	Assistant Professor	263331
15.	Sh. Jai Bhagwan	Assistant Professor	263173
16.	Sh. Narender Kumar	Assistant Professor	263173
17.	Sh. Amandeep	Assistant Professor	263173
18.	Sh. Manoj	Assistant Professor	263173
19.	Sh. Abhishek Kajal	Assistant Professor	263173
20.	Ms. Sakshi Dhingra (On deputation)	Assistant Professor	263173
21.	Dr. Anju	Assistant Professor	263173
22.	Ms. Sunita	Assistant Professor	263173
23.	Sh. Deepak Nandal	Assistant Professor	263173
24.	Sh. Sunil Kumar	Assistant Professor	263173
25.	Sh. Krishan 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 & Chairperson	263338
4.	Sh. Pankaj Kumar	Associate Professor	263336

5.	Dr. Vandana	Associate Professor	263337
6.	Ms. Priti Prabhakar	Assistant Professor	263332
7.	Sh. Abhishek Saini	Assistant Professor	263175
8.	Sh. Sanjeev Kumar	Assistant Professor	263175
9.	Sh. Satish	Assistant Professor	263175
10.	Sh. Ankit Boora	Assistant Professor	263175
11.	Sh. Bijender	Assistant Professor	263175
12.	Sh. Vikas Jangra	Assistant Professor	263175
13.	Sh. Mohit Kumar	Assistant Professor	263175
14.	Sh. Sumit	Assistant Professor	263175
15.	Dr. Rajendra Kumar Anayath	Visiting Professor	263175

C. Department of Electronics & Communication Engineering

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

D. Department of Biomedical Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Dharmender Kumar	Chairperson	263180
2.	Dr. Ravish Garg	Professor	263501
3.	Ms. Anju Gupta	Assistant Professor	263180
4.	Sh. Anil Khatak	Assistant Professor	263180

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	Associate Professor	263558
5.	Dr. Pankaj Khatak	Associate Professor & Chairperson	263559, 263184
6.	Dr. Puneet Katyal	Assistant Professor	263562
7.	Dr. Mahesh Kumar	Assistant 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

3.2 FACULTY OF MEDIA STUDIES

Dean: Prof. Vikram Kaushik

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 & Chairperson	263354
4.	Dr. N. Sushil Kumar	Professor	263381
5.	Dr. M.R. Patra	Associate Professor	263310
6	Prof. B.K. Kuthiala	Honorary Professor	263148

3.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Dean : Prof. Parveen Kumar

A. Department of Environmental Science & Engineering and
Department for Civil Engineering

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Vinod Kumar Garg (On EOL)	Professor	263360
2.	Dr. Narsi Ram Bishnoi	Professor	263321
3.	Dr. Parveen Sharma	Professor	263342
4.	Dr. Asha Gupta	Professor & Chairperson (Civil Engg.)	263129, 263371
5.	Dr. R. Baskar	Professor & Chairperson	263325
6.	Dr. Mukul Shah Bishnoi	Professor	263328
7.	Dr. Rajesh Kumar	Professor	263326
8.	Dr. Jitender Pal	Professor	263327
9.	Dr. Anu Gupta	Assistant Professor	263129
10.	Dr. Mona Sharma	Assistant Professor	263129
11.	Dr. Santosh Bukal	Assistant Professor	263129

B. Department of Bio & Nano Technology

Sr. No.	Name	Designation	Telephone No.
1	Dr. Ashok Chaudhury	Professor	263306
2.	Dr. Neeraj Dilbaghi	Professor	263500
3.	Dr. Namita Singh	Professor	263312
4.	Dr. Vinod Chhokar	Professor & Chairperson	263165, 263355
5.	Dr. Anil Kumar	Associate Professor	263347

6.	Dr. Sandeep Kumar	Associate Professor	263378
7.	Dr. Rajesh Thakur	Associate Professor	263514
8.	Dr. Santosh Kumari	Assistant Professor	263568
9.	Dr. Sapna Grewal	Assistant Professor	263629
10.	Dr. V.K. Jindal	Honorary Professor	263165

C. Department of Food Technology

Sr. No.	Name	Designation	Telephone No.
1.	Dr. B. S. Khatkar	Professor	263313,
2.	Dr. Alka Sharma	Professor & Chairperson	263365, 263150
3.	Dr. Aradhita Barman Ray	Professor	263317
4.	Dr. Manish Kumar (On Deputation)	Assistant Professor	263516

3.4 FACULTY OF PHYSICAL SCIENCES & TECHNOLOGY

Dean : Prof. J. B. Dahiya

A. Department of Chemistry

Sr.No.	Name	Designation	Telephone No.
1.	Dr. R.K. Gupta	Professor	263103
2.	Dr. Rajesh Malhotra	Professor	263369
3.	Dr. J.B. Dahiya	Professor	263356
4.	Dr. Devinder Kumar	Professor & Chairperson	263358, 263152
5.	Dr. Sonika	Professor	263160
6.	Dr. Satbir	Professor	263397
7.	Dr. Jai Devi	Associate Professor	263566
8.	Dr. C.P. Kaushik	Associate Professor	263398
9.	Dr. Kashmiri Lal	Assistant Professor	263566
10.	Dr. Vikas Verma	Assistant Professor	263542
11.	Dr. Jyoti	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	Associate Professor	263388
6.	Dr. Kapil Kumar	Associate Professor & Chairperson	263367
7.	Dr. Renu	Assistant Professor	263574
8.	Dr. Hemant Kalra	Assistant Professor	263574
9.	Dr. Sandeep Singh	Assistant Professor	263574
10.	Ms. Sunita Rani	Assistant Professor	263574
11.	Prof. D.S. Hooda	Honorary Professor	263574

C. Department of Physics

Sr.No.	Name	Designation	Telephone No.
1.	Dr. Devendra Mohan	Professor	263386
2.	Dr. Sneh Lata Goyal	Professor	263382, 263176
3.	Dr. Sujata Sanghi	Professor & Chairperson	263385
4.	Dr. Ashish Agarwal	Professor	263384
5.	Dr. Rakesh Dhar	Professor	263544
6.	Dr. Rajender Singh Kundu	Professor	263185
7.	Dr. Sunita Srivastava	Professor (on Deputation from PU, Chandigarh)	263665
8.	Dr. Ajay Shankar	Associate Professor	263524
9.	Dr. Neetu Ahlawat	Associate Professor	263389
10.	Dr. David Joseph	Assistant Professor	263520
11.	Dr. Ramesh Kumar	Assistant Professor	263636
12.	Dr. Hardev Singh	Assistant Professor	263635
13.	Dr. Ravi Bhatia	Assistant Professor	263176
14.	Dr. Vivek Gupta	Assistant Professor	263176
15.	Dr. Ranjeet	Assistant Professor	263176

3.5 FACULTY OF MEDICAL SCIENCES

Dean : Prof. D.C. Bhatt

A. Department of Pharmaceutical Sciences

Sr. No.	Name	Designation	Telephone No.
1.	Dr. D.C. Bhatt	Professor	263379
2.	Dr. Neeru Vasudeva	Professor & Chairperson	263565, 263580
3.	Dr. Sunil Sharma	Professor	263333
4.	Dr. Sumitra Singh	Professor	263554
5.	Dr. Dinesh Dhingra	Professor	263582
6.	Dr. Munish Ahuja	Professor	263515
7.	Dr. Sandeep Jain	Professor	263527
8.	Dr. Archana Kapoor	Assistant Professor	263315
9.	Dr. Meenakshi Bhatia	Assistant Professor	263188
10.	Dr. Sunil Kumar	Assistant Professor	263581
11.	Dr. Ashwani Kumar	Assistant 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.	Prof. Sunil Sharma	Chairperson	263169, 263325
2.	Dr. Shabnam Joshi	Assistant Professor & Incharge	263541, 263169

3.	Dr. Jaspreet Kaur	Assistant Professor	263517
4.	Dr. Kulandaivelan. S.	Assistant Professor	263541
5.	Dr. Manoj Malik	Assistant Professor	263353
6.	Ms. Kalindi	Assistant Professor	263334
7.	Sh. Pardeep Azad	Demonstrator	263169
8.	Sh. Ram Niwas	Demonstrator	263169

C. 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 & Chairperson	263377, 253168
4.	Dr. Manju	Assistant Professor	263533
5.	Dr. Sanjay Kumar	Assistant Professor	263630
6.	Dr. (Mrs.) Taruna	Assistant Professor	263628

3.6 HARYANA SCHOOL OF BUSINESS

Dean: Prof. Usha Arora

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Harbhajan Bansal	Professor	263510
2.	Dr. Usha Arora	Professor	263307
3.	Dr. S.C. Kundu	Professor	263182
4.	Dr. B.K. Punia	Professor	263311
5.	Dr. N.S. Malik	Professor	263370
6.	Dr. Karam Pal Narwal	Professor & Director	263329, 263111
7.	Dr. Mahesh Chand Garg	Professor	263316
8.	Dr. Vinod Kumar Bishnoi	Professor	263429
9.	Dr. Pardeep Gupta	Professor	263557
10.	Dr. N.K. Bishnoi	Professor	263174
11.	Dr. Anil Kumar	Professor	263348
12.	Dr. Shabnam Saxena	Professor	263372
13.	Dr. Sanjeev Kumar	Professor	263429
14.	Dr. Tilak Sethi	Professor	263372
15.	Dr. Tika Ram	Professor	263374
16.	Dr. Suresh Mittal	Professor	263352
17.	Dr. Khujan Singh	Associate Professor	263532
18.	Dr. Anju Verma	Associate Professor	263235
19.	Dr. Deepa Mangla	Associate Professor	263539
20.	Dr. Ubha Savita	Associate Professor	263111
21.	Dr. Dalbir Singh	Associate Professor	263534
22.	Dr. Shveta Singh	Assistant Professor	263111
23.	Dr. Rajiv Kumar	Assistant Professor	263659
24.	Dr. Himani Sharma	Assistant Professor	263657
25.	Dr. Mani Shreshtha	Assistant Professor	263658

26.	Dr. Vanita	Assistant Professor	263660
27.	Dr. Sangeeta	Assistant Professor	263111
28.	Dr. Vandana Singh	Assistant Professor	263662
29.	Dr. Vijender Pal Saini	Assistant Professor	263661
30.	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. Usha Arora

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Usha Arora	Professor	263369

3.9 FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Dean : Prof. S.C. Kundu

Sr. No.	Name	Designation	Telephone No.
1.	Dr. S.C. Kundu	Professor	263182

3.10 FACULTY OF LAW

Dean : Prof. Karam Pal Narwal

Sr. No.	Name	Designation	Telephone No.
1.	Dr. Karam Pal Narwal	Professor	263329

3.11 DIRECTORATE OF DISTANCE EDUCATION

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Harbhajan Bansal	Director	263157
2.	Dr. Sanjay Tiwari	Associate Professor (Business Management)	263135
3.	Sh. Vinod Kumar	Assistant Professor (Computer Science)	263157
4.	Dr. Vizender Singh	Assistant Professor (Mathematics)	263135
5.	Dr. Sunaina	Assistant Professor (Mass Communication)	263135

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

3.12 HUMAN RESOURCE DEVELOPMENT CENTRE

Sr. No.	Name	Designation	Telephone No.
1.	Prof. Neeraj Dilbaghi	Director	263573
2.	Dr. Vandana Punia	Professor	263199
3.	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.	Sh. Narender Kumar	Assistant Librarian	263351
4.	Sh. SomDutt	Assistant Librarian	263308

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

CHAPTER-4

SCHEDULE OF ADMISSION

The candidates may obtain/download Information Brochure for Ph.D. programme for the session 2019-20 containing application forms 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. (download from University website: www.gjust.ac.in)	13.12.2019
2.	Last date for submission of Online Application Form and payment of fee through Net Banking/Debit/Credit Card	27.12.2019
3.	Date of Entrance Test	08.01.2020
4.	Date of display of Entrance Test Result on University website: www.gjust.ac.in	09.01.2020
5.	Date of Counselling for admission in Ph.D. Programme	13.01.2020 (at 10:00 am in respective departments)
6.	Commencement of classes for course work of Ph.D. Programme	15.01.2020

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, the question paper for Entrance Test will have three sections, namely (a) Pharmaceutical Chemistry, (b) Pharmacognosy, (c) Pharmacology of 100 marks each, and the candidate will be required to attempt any one section, depending upon his/her specialization at M.Pharma level. 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 and award of scholarships, candidates are required to appear in Entrance Test. It will be held in the respective Departments as per schedule given below :

SHIFT-I : 08.01.2020	
TIME: (10:00am–12:00 noon)	
S.No.	Name of Departments for Entrance Test of Ph.D. Programme
1	Physics
2	Pharmaceutical Sciences
3	Computer Sc. & Engineering
4	Mechanical Engineering
5	Bio & Nano Technology

SHIFT-II : 08.01.2020	
TIME: (12:30 pm – 02:30 pm)	
S.No.	Name of Departments for Entrance Test of Ph.D. Programme
1	Environmental Science & Engineering.
2	Physiotherapy
3	Electronics & Comm. Engineering
4	Food Technology

CHAPTER-5

GUIDELINES TO APPLY ONLINE FOR ADMISSION TO Ph.D. PROGRAMME (2019-20)

1. Before initiating the process of submission of application form for admission to Ph.D. Programme (2019-20), the candidate should ensure that he/she has:
 - a) Scanned latest Photograph (in jpeg, jpg or png format only with dimension dpi: 200 and size : 20-50 kb).
 - b) Scanned Signatures (in jpeg, jpg or png format only with dimension dpi: 200 and size :20-50 kb).
 - c) Scanned copy of Category Certificate, if the candidate is paying registration fee of Rs.300/- or Rs. 600/- for application form.
2. A candidate can apply for admission to a programme only online by visiting the website www.gjust.ac.in. Go to the link “Ph.D. Admission-2019-20” and click it. (The deposition of registration fee will entitle you appearing in the entrance test. However, the admission shall be made as per the norms mentioned in the ‘Information Brochure (Ph.D.)’ for the session 2019-20.
3. A Registration Fee of Rs. 1200/- for General Category; Rs. 300/- for reserved categories and Rs. 600/- for Economical Weaker Sections (EWS) 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 four stages one-by-one as mentioned below:
 - I. Candidate Registration
 - II. Payment Option
 - III. Submit Application Form
 - IV. Print Admit Card

Part-I (Registration Form)

5. Click on “Candidate’s Registration” option to accomplish Part-I of submission.
6. The system will ask for the candidate’s personal information such as:
 - a) Name of the Programme
 - b) Name of the Candidate
 - c) Father’s Name
 - d) Mother’s Name
 - e) Date of Birth

- f) Gender
 - g) Category
 - h) Mobile number (of candidate and not of any other person like cybercafé etc.)
 - i) Land Line Number
 - j) Parents' Mobile Number
 - k) Email Id
 - l) Password and Re-enter Password
 - m) Security Questions
 - n) Security Answers
7. The candidates paying registration fee of Rs.300/- (Reserved categories of Haryana other than EWS) and Rs. 600/- (for EWS candidates of Haryana) of application form must upload category certificate as a proof of claim.
8. Please go through the details of particulars filled in the form before registration confirmation. If you are sure 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. Following registration confirmation, an automatically generated User ID/Reference No. will be displayed on the website. Candidates are advised to note down this User ID/Reference No. and keep this User Id and Password secret. In the event of sharing of password, candidate will be solely responsible for the change of registration details etc. In the event of losing or forgetting of password, the same can be retrieved through SMS service on registered mobile number.

Part-II

(Payment Option)

10. After completion of Part-I, the candidate will be directed to "Payment Option" on online payment gateway for payment of application form/registration fee. You are required to make the payment through Debit/Credit Card or by Net Banking.
11. The Candidate without depositing the Fee, shall not be allowed to appear in Entrance Test and also cannot download the admit card.

Part-III

(Submission of Detailed Application Form)

12. After successful remittance of fee, Click on "Submit Application Form". A detailed Application Form will be displayed. The candidate is further required to furnish the details along with uploading of scanned copies of Photograph and Signatures. This is again for information that the candidate(s) are required to upload the images of recent Photograph and Signatures Specimen only in (jpeg, jpg or png) format
- a) Photograph dimension (dpi : 200 and size : 20-50 kb)
 - b) Signatures dimension (dpi : 200 and size : 20-50 kb)

Once again the candidate is advised to check the application form to ensure that all the details are correct. After having done so, click on "Submit" button.

Further, the candidate is advised to make the correction(s), if any, in his/her online information on request through e-mail: ucic.gjust@gmail.com in person to Pt. Deendayal Upadhyay Computer & Informatics Centre with documentary proof, as per prescribed schedule only. Thereafter, no correction(s) in online information of candidate will be allowed, in any case.

13. Please ensure that at least one copy of the Confirmed Application Form and fee receipt is kept safely by you for any future reference.

Part-IV
(Admit Card)

14. A facility of downloading Admit Card is also being provided. The candidate is required to download the admit card from the website at his/her own level and follow the instructions given therein. It may please be noted that the admit card will not be sent by post separately.
15. The following is the list of documents to be retained by Candidate for future reference.
 - a) Printout of the Completed Application Form
 - b) Proof of fee receipt.
 - c) 2-3 Copies of identical Photographs scanned and uploaded on the Online Application.
16. The candidate must bring the following documents at the time of entrance test:
 - a) Admit Card.
 - b) Photo ID Proof- Aadhar/ Ration Card/ Passport/PAN/ Driving License.
17. The candidate must ensure that his/her mobile number, E-mail Id as filled in the online Application form should be active for communication. The Candidate himself/herself shall be held responsible for non-receipt of latest information due to wrong/disabled mobile number or mailing address.
18. The candidate(s) must preserve the Admit Card and Fee deposited receipt till the admission process is over.
19. The candidates are advised to visit the university website and check their emails and sms regularly for latest updates and information during entire process.
20. Online Application Registration Fees once paid will not be refunded in any case.

CHAPTER-6

DOCUMENTS REQUIRED

6.1 Candidates are required to bring original as well as self-attested photocopies of the following documents to the Chairperson of the department concerned at the time of Counseling 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.
- iii) UGC-NET/CSIR/DBT/DST/ASRB-JRF(valid)/NET/GATE/GPAT/ICMR qualified certificate, SRF award letter from various national funding agencies like UGC/ICMR etc. with proof of working under a Research Project 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.) The validity of NET for admission in Ph.D. programme will be 02 years from the date of issue of certificate. The validity of duration of issuance of NET certificate will not be applicable for the candidates who have already given their joining in the Departments/School for Ph.D. programme (session 2019-20).
- iv) DMC of passing of 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 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 such 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 mentioned in sub clause 22.3 of the clause 22 (Fee Structure) of Ordinance-Doctor of Philosophy (Chapter-12).
- v) 'No Objection Certificate' issued by the competent authority for pursuing Ph.D. programme, if employed. The relieving certificate alongwith orders of sanction of leave orders 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.
- vi) 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**.
- vii) Character Certificate (**Annexure B-VIII**)
- viii) Proper "Income" certificate / Affidavit in case of SC/BC candidates seeking any concession.
- ix) Original Migration Certificate issued by the last attended institute/university. He/she will have to submit the same upto 31st March without any late fee or upto 30th April with payment of late fee of Rs. 500 failing which his/her candidature for the concerned course shall stand cancelled automatically.

6.2 The enclosed 'Application Form for registration to Ph.D. Programme' (Appendix Form – B of Ph.D. Ordinance) should be submitted by the candidates in their Departments only after completion of Ph.D. course work along with other requisite documents.

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.

CHAPTER-8

TENTATIVE SEATS

The numbers of vacant seats/slots available for admission to Ph.D. programme for the session 2019-20 in various Departments/School of the University are as under:

S.No.	Name of Department	Total Vacant Seats	Information of seats under Broad Area of Specialization
1.	Mechanical Engineering	13	Welding & Joining Processes, Production, Thermal, Bio materials, CAD/DAM, Tribology, Solar heat transfer
2.	Environment Science & Engineering	11	Environmental Biotechnology Bioremediation, Geomicrobiology, Bioenergy & Bioremediation, Industrial Health safety & Industrial Pollution Management, Bioremediation, Industrial Pollution, Industrial waste, Nanotechnologies & water treatment, Microalgae, Carbon Sequestration and Bioremediation.
3.	Pharmaceutical Sciences	1+3+10=14	Pharmacognosy (01), Pharmacology(03), Pharmaceutical Chemistry (10)
4.	Physiotherapy	06	Neuro-Physiotherapy, Musculoskeletal/Orthopaedic Physiotherapy, Sports Physiotherapy, Manual therapy, Biomechanics
5.	Bio & Nano Technology	03+2=5	Nano Science & Technology(03), Biotechnology(02),
6.	Physics	03	Optical Metrology(02),, Nanomaterial (01),
7.	Computer Sci. & Engg.	02	Data Mining Information Retrieval(01), Mobile Communication (01).
8.	Electronics & Comm. Engg.	02	VLSI, Analog Signal Processing.
9.	Food Technology	01	Post Harvest Technology of Fruits & Vegetables
	TOTAL	57	

- Note:**
- I) Number of Ph.D. seats may increase or decrease in any of the above departments. 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. course work (2019-20)**' 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 available seats in case candidate's specialization/choice does not match with the requirement.

CHAPTER-9

SCHOLARSHIP/FELLOWSHIPS

9.1 UNIVERSITY RESEARCH SCHOLARSHIP:

Each department will have one University Research Scholarship. It will be awarded as per scholarship ordinance of the University. The amount of the scholarship shall be Rs. 5000/- per month and it should be awarded from the date of admission in Ph.D. Programme and Rs. 8000/- from the date of confirmation of Ph.D. registration in the 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
Scheduled Castes of Haryana (SC)	20%
Backward Classes (A) of Haryana(BC-A)	16%
Backward Classes (B) of Haryana(BC-B)	11%
Physically Handicapped(PH)	3%*

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.

*In the event of quota reserved for physically handicapped remain 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 as 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 of seats and reservation for various categories as per above guidelines of Haryana Govt. is given at the end of this chapter at serial (D)-Seat Distribution Chart for admission to Ph.D. course (2019-20).

- 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.
- 6) the candidates claiming reservation under EWS are required to furnish an Income and Asset Certificate as per prescribed format at **Annexure-B-V**
- 7) 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**.
8. 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**).
9. Candidates who have passed their qualifying examination 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.
10. 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.
11. The seats remaining vacant under reserved category will be filled up in the manner indicated in the **Chapter-11: "Counseling" of Ph.D. prospectus 2018-19**.
12. 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.
13. 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, 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 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 (2019-20)

S. No.	Name of Department	Total Vacant Seats	All India Category	Balance for Haryana Resident	Haryana Open General Category	EWS 10%	Reserved Category of Haryana					Total
			(15%)	(85%)	50% * (v) – (vii)	10% of (v)	SC 20%	BCA 16%	BCB 11%	PH/DAP 3%	ESM / FF	
(i)	(ii)	(iii)	(iv)	(v)	vi	(vii)	(viii)	(ix)	(x)	(xi)	(xii)	(xiii)
1	Mechanical Engg.	13	1.95	11.05	4.42	1.10	2.21	1.77	1.21	0.33	0	13
			2	11	4	2	2	2	1	0	0	13
2	Computer Sc. & Engg.	2	0.30	1.70	0.68	0.17	0.34	0.27	0.18	0.05	0	02
			0	2	1	0	1	0	0	0	0	02
3	Environmental Science & Engg.	11	1.65	9.35	3.75	0.93	1.87	1.50	1.03	0.28	0	11
			2	9	3	1	2	1	1	1	0	11
4	Bio & Nano Technology (05)											
	i) Nano Science & Tech.	3	0.45	2.55	1.26	0.20	0.51	0.41	0.28	0.07	0	03
			1	2	1	0	1	0	0	0	0	03
	ii) Bio-Technology	2	0.30	1.70	0.68	0.17	0.34	0.27	0.19	0.05	0	2
		0	2	1	0	0	1	0	0	0	2	
5	Pharmaceutical Sciences (14)											
	i) Pharmaceutical Chemistry	10	1.5	8.5	3.35	0.90	1.70	1.36	0.93	0.25	0	10
			2	8	3	1	2	1	1	0	0	10
	ii) Pharmacology	3	0.45	2.55	1.02	0.26	0.51	0.41	0.28	0.08	0	3
			0	3	1	0	1	1	0	0	0	3
	iii) Pharmacognosy	1	0.15	0.85	0.35	0.08	0.17	0.14	0.09	0.03	0	1
		0	1	1	0	0	0	0	0	0	1	
6	Physics	3	0.45	2.55	1.02	0.26	0.51	0.41	0.28	0.08	0	3
			1	2	1	0	0	1	0	0	0	3
7	Elect. & Comm. Engg.	2	0.30	1.70	0.68	0.17	0.34	0.27	0.19	0.05	0	2
			0	2	1	0	0	0	1	0	0	2
8	Physiotherapy	06	0.90	5.1	2.04	0.51	1.02	0.82	0.56	0.15	0	6
			1	5	2	0	1	1	1	0	0	6
9	Food Technology	01	0.15	0.85	0.35	0.08	0.20	0.16	0.11	0.03	0	1
			0	1	1	0	0	0	0	0	0	1
TOTAL		57	8.55	48.45	19.2	4.8	9.69	7.75	5.32	1.45	0	57
			9	48	20	4	10	8	5	1	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 2019-20. 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 no of seats in all Ph.D. Programmes.
- 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.

CHAPTER-11

COUNSELING

11.1 Documents required at the time of Counselling:

All original certificates of

- I. Documents mentioned at S. No. 5.1(i to vii) in '**Chapter-6: Documents Required**'.
- II. 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. Specimen formats are given in **Annexure B-I to B-VII**.
- III. Proper "Income" certificate in case of SC/BC candidates seeking any concession.
- IV. Character Certificate along with attested copy.

(a) For Candidates who have recently qualified:

Candidates, who have recently passed/ appeared the qualifying examination in 2019, must submit Character Certificate from the Head of the Institution last attended as per specimen given in **Annexure B-VIII**.

(b) Private Candidates:

Candidates who have passed the qualifying examination as private candidates should submit their Character Certificate duly signed by a First Class Executive Magistrate.

(c) Gap in Study:

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 separately the character certificate of gap period duly attested by Notary Public.

- V. In addition to above, candidates seeking admission in Ph.D. programme on the basis of **regular teacher of GJUS&T or Teachers/Scientist/Officers from participating institute of "Hisar Knowledge Hub" or Faculty Members of mentee Institutions or non-teaching employees of GJUS&T or Foreign Nationals or JRF(valid)/NET/GATE/GPAT qualification or DST inspire fellowship awardee or SRF or Industry Sponsored** should also submit Consent/ Recommendation of his/her Supervisor of the concerned subject before start of counseling. (The consent given by the supervisor should remain within limit as per **sub clause-8.2 of clause-8 of Chapter-12: Ordinance-Doctor of Philosophy of the Information Brochure-Ph.D. (2019-20)**).

11.2 Counseling Procedure:

- I. It is mandatory for all candidates seeking admission to attend the counseling, as per the notified schedule given in Chapter-4 of this prospectus. On the day of counselling, the candidates will be called for counseling / admission on their turn in order of merit.
- II. The counseling will start at 10.00 am sharp as per schedule in the office of respective Chairperson/Director of the department/school of the university for admission to Ph.D. Programme for the session 2019-20. The counselling will be held in two phases. The first phase & second phase of the counseling will be held from 10.00 am to 01.00 pm and 02.00 pm to 04.00 pm respectively on the day of counseling.
- 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. Venue of the counselling will be the office of the Chairperson of the respective Department. Any change in the venue will be notified on the University website/ departmental notice board.
- IV. The candidate will be required to present himself/herself before the Admission Committee of respective department to discuss his/her research area and mark his/her presence and then he/she will produce all original certificates for verification and checking of eligibility for the programme for which he / she is eligible.
- V. On ascertaining the eligibility, the Committee will allot a seat as per merit/ preference subject to availability of seat.
- VI. The Committee will issue admission letter, on the basis of which the candidate will have to deposit fees on the spot. The candidates are, therefore, advised to bring the required amount (**see clause 22 of Chapter-12: Ordinance: Doctor of Philosophy**) for depositing the fees at the time of counselling failing which their admission shall stand forfeited.
- VII. 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. The officials dealing with Registration of students will be available in the counselling hall/department concerned.
- VIII. The seats remained vacant in first counseling due to non-availability of candidates having 50% marks in case of General Category or 47.5% marks for Candidates who have passed their Qualifying examinations from GJUS&T and 45% in case of SC/ST candidates of Haryana or 42.5% marks for SC/ST category Candidates who have passed their Qualifying examinations from GJUS&T in entrance test may be filled up by the chairperson within a week of first/normal counseling for admission as per category merit of the remaining candidates who will qualify after relaxation, if allowed by the Vice-chancellor.
- IX. The seats remaining vacant in reserved category in the counseling after relaxation of qualifying condition of entrance test **and seats remaining vacant in Economically Weaker Section (EWS)** will be converted into General Category of Haryana (HOG) at the start of second phase of counselling and filled accordingly. However, the vacant seat(s) of BC-A or BC-B category will be filled by drawing combined merit list of the eligible

candidates belonging to these categories before conversion into General category **of Haryana (HOG)**. 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.

11.3 Important Note for Counseling:

- 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, the seats reserved for the “PH/differently-abled persons” 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.

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. 2019-20)

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 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 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 concerned Department 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 Departmental Research Committee.

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 September/October.
- ii) The University shall make admission to Ph.D. Programme through an entrance test. The syllabi of Entrance Test will be decided by the concerned Teaching Departments/School based on core courses of the qualifying P.G. programme. The detailed syllabi will be uploaded by the department on the University Website.
- iii)
 - a) 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. A relaxation of 5% in entrance test *in minimum eligible cut off marks (47.5 for General Category and 42.5 for SC/ST candidates)* will be given to the Candidates who have passed their qualifying Examinations from GJUS&T, HISAR.
 - b) If number of candidates who qualified the entrance test for admission to Ph.D. programme are less than the seats advertised against respective category of reservation in a Department/School, the condition of qualifying of entrance test by the candidates may be relaxed from 50% to 45% (from 45% to 40% for SC/ST candidates of Haryana) by the Vice-chancellor on the recommendation of respective Chairperson/Director before start of counseling for admission of the qualified candidates. In such cases, the Chairperson concerned will notify the change to the candidates well in time before the start of counseling.
 - c) Vacant seats for Ph.D. admission due to non-availability of candidates having 50% marks (45% in case of SC/ST candidates of Haryana) in entrance test may be filled up by the Chairperson within week of first/normal counseling for admission as per category merit of the remaining candidates who qualify after relaxation as given in clause (b) above, if allowed by the Vice-chancellor.
- iv) **The following categories of candidates are exempted from taking Entrance Test for admission in 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 and availability of seats under him/her:**
 - a) Regular teachers of Guru Jambheshwar University of Science & Technology and Foreign students.
 - b) Teachers/Scientists/Officers in the grade of Class-I or above from participating Institutions of "Hisar Knowledge Hub".
 - c) The candidates who have qualified JRF(valid)/NET (Valid for two years from the date of issue of certificate) conducted by the UGC/CSIR/DBT/ICMR and ASRB. The condition of validity of duration of two 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.

- e) Provisional inspire fellowship offered by DST (one year validity) for admission in Ph.D. provisionally (Admission in Ph.D. shall be treated cancelled abinitio, if the candidate fails to get final offer of fellowship as per criteria of DST)
- f) The SRF awardee from various national funding agencies like UGC/ICMR etc. working under a Research Project of faculty member of GJUS&T.

The candidates of the categories mentioned at point a) to f) above may join Ph.D. programme in the University on the recommendations of the Supervisor (provided he/she does not exceed the limit as mentioned at Clause-8) and the Chairperson of the Department concerned any time during the academic session and they will have to qualify their Ph.D. course work in the subsequent session. They will apply through prescribed application form given in the prospectus. JRF, NET, GATE and GPAT Qualified candidates be given priority in admission. Fellowship/ Scholarship be given to the candidates from their date of joining of PhD programme.

- g) Candidates seeking admission under one seat created for admission in Ph.D. Programme in each department namely Computer Science & Engg., Electronics & Communication Engg., Mechanical Engg., Food Technology, Bio & Nanotechnology, Physics, Mathematics and Chemistry under twining arrangement for faculty members working with mentee institution considering them on similar terms and conditions as of faculty members working with mentor institution.
 - h) Candidates seeking admission under two supernumerary seats created for admission to Ph.D. programme in Computer Science & Engg., Mass Commutation, Religious Studies and Management discipline depending on requirements for Non-teaching employees of GJUS&T 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.
 - i) Candidates seeking admission under one supernumerary seat created in each department/school of the University for admission to Ph.D. programme for the eligible candidates having at least ten years of experience in relevant field in Industry registered with the Registrar of Company under the latest Companies Act in Govt. of India.
- v) In case the number of applicants who qualify the Entrance Test are more than the number of seats available, then the merit list for admission to Ph.D. Programme shall be prepared by Department/ School according to the following criteria:
- 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.

- vi) Entrance test shall be followed by counselling to be organized by the Department/School concerned.
- vii) 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.
- viii) 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. The Admission Committee will have a term of one year.
- ix) 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.
- x) The candidate standing in merit list prepared as per criteria in sub-clause (v) 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. by the University. The provisional Enrolment No. allotted to the scholar will become the Registration No. as and when his registration for Ph.D. program is recommended by the BOS&R of the concerned department/school for approval of the Academic Council.

NOTE: The applicants who are covered under the exempted categories, mentioned at Clause 4(iv) 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.
- ii) Each paper of the course work will be of 4 credits.
- 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 Studies except Department of Applied Psychology.

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 Department of Applied Psychology.

PPD-102: Review of Literature, Research Ethics 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.

- 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, Research Ethics and Seminar at Departmental level.
- v) The Chairperson/Director 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, Research Ethics and Seminar' and start preparing synopsis for their research proposal.
- vi) The qualifying marks in each paper of the course works shall be 55% of marks 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 internal evaluation of Ph.D. course work examination. The coursework examination will be conducted in the first half of July 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 July and the result will be declared within the last of week of July. 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 programme, which is an essential part of the Ph.D. programme, a candidate shall be eligible to apply for registration in Ph.D. programme. The admission of the candidate to the Ph.D. programme who fails to pass Ph.D. course work within stipulated period 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) 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 and awarded at least “A grade” by NAAC may be exempted from Ph.D. course work by the Vice-Chancellor subject to the condition that such candidate has to follow the complete admission process of the Ph.D. Programme. The validity of such 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 mentioned in sub clause 22.3 of the clause 22 (Fee Structure).

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 abinitio.
- 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 as well, for reasons to be recorded. The qualifications for a co-supervisor will be the same as prescribed for the single 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 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 approval of the DRC. 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 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 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 one year after his registration, modify the topic of his/her subject on the recommendations of the Board of Studies & Research. However, minor modifications may be allowed 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.

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 has 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 then 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

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 candidate to continue his/her research work with the Supervisor or in case the Supervisor or the candidate 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 in such cases will be allowed after the approval of the Vice-Chancellor.

10. Period of Research Work

- i. Every candidate 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 2 ½ year and 5 ½ 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. Beyond this period, no further extension will be granted under any circumstances.
- 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 concerned Department shall issue the leave orders to this effect under intimation to the Registration Branch and Secrecy Branch.
- iii. No candidate shall join any other regular course of study or appear at any examination while conducting 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 teachers/officers working in the jurisdiction of the university (District Hisar).
- iii. In case, research scholar intends to join service after the enrolment in Ph.D. course, he/she will have to submit an application to the concerned Chairperson/Director of the Department/Institute to seek permission from the competent authority of the University, subject to fulfilment of stay condition required under sub clause (ii)

12. Requirements after Confirmation of Registration

- i) Every research scholar will be required to show continuous progress during the period of his/ her registration and it will be monitored by the supervisor of the candidate.
- ii) Every research scholar shall be required to submit two half yearly reports (1st April to 30th September and 1st October to 31st March) on the prescribed proforma (**Appendix-II**) up to 15th October and 15th April of each year. The Supervisor of the Research Scholar will give his 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 April and October. The progress report along with receipt of fee paid for that half year 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 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.
- 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). The Ph.D. Scholar from Science Discipline and Engineering Discipline, as mentioned at Clause 5 (iii) of 'Ordinance- Doctor of Philosophy' will publish both the papers in Scopus Indexed Journals or Journals in UGC CARE list. Publishing paper in paid journals which are not Science Citation Index (SCI) or Scopus Indexed will result in disqualification. However, the paper may be published in high impact indexed paid journals with the prior permission from the Vice-Chancellor. 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 an 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. 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 and there will be no refund of fee, if any deposited by the scholar in the university.

14. Appointment of Examiners

On receiving application/request along with an abstract of the thesis including synopsis/chapter scheme from the research scholar duly certified by the Supervisor, that his/her research work is complete and ready for submission, the Departmental Research Committee will draw a list of sufficient number of examiners/specialists (at least 8) 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 Board of Studies & Research of the respective departments/school shall recommend a panel of six examiners from the list of examiners/specialists approved by DRC. No examiner should be from the institutes/universities located in Hisar. There should not be more than 02 examiners from the institute/universities located in Haryana. 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 candidate 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 10 days 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 on DVD-ROM as well as in printed version within six months from the date on which the BOS&R 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 thesis finally submitted shall be in PDF format with all the essential elements (like declaration, certificates, table of contents, list of tables and figures, list of appendices, abbreviation used, abstract/ summary, chapters, conclusion and bibliography) as given in **Appendix-VII**. It shall be of 200 pages approximately typed both sides (Font-times New roman, Size-12 and Line spacing-1.5) excluding title, acknowledgement, contents, bibliography, 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-V**. All the files will be converted in PDF format before uploading them into Shodhganga.
- iv) Thesis will be accompanied separately by a declaration as per **appendix-III** from the candidate countersigned by the Supervisor and Chairperson/Director of the Department/School that the material embodied in the present work is based on original research work and satisfies the plagiarism prevention policy. It has not been submitted in part or full for any other diploma or degree of any University. Indebtedness to other works should also be acknowledged at the relevant places in the thesis by the scholar.
- v) 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-VI**.
- vi) The research supervisor of the research scholar 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-IV**
- 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 candidate 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 only one 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 concerned faculty, 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 put any questions to the examinee.

- 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.1200/- (Rs.300/-SC/BC & Rs. 600 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/-

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.	Tuition fee	: Rs. 7500/- per half year
ii.	Library fee	: Rs. 1000/- per half year
iii.	Internet fee	: Rs.1000/- per half year
iv.	Caution Money (Refundable)	: Rs. 5000/- one time
v.	Laboratory fee in Faculty of Engg. & Tech., Environmental and Bio Science & Tech., Physical Sciences (except department of Mathematics), Medical Sciences or wherever applicable	: Rs. 3000/- per half year.
vi.	Full fee is required to pay for that half year in which thesis is submitted by the scholar.	

22.5 Fee for Foreign students : US \$ 1000 per half year.

22.6 During the Ph.D. program, the Ph.D. Scholars are required to deposit their half year (Semester) fees and other fees on or before 15th July (Even Semester) and 15th January (Odd Semester) with the Chairperson of the concerned department online otherwise late fee for delayed payment will be as under:

a)	up to 15 days	Rs. 1000/-
b)	up to 30 days	Rs. 2000/-
c)	after 60 days	Admission shall stand cancelled abinitio. However, on the request of scholar with proper justification, the Vice-Chancellor, on the recommendation of Supervisor & Chairperson of the concerned Department/School may allow re-admission with a fee of Rs. 5000/-

The office of the concerned Department 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.8000/-

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 required to pay only a sum of Rs. 5000/- (refundable) as security/caution money. The eligible SC students will apply the Post Matric Scholarship forms online through concerned website. 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, he/she will be liable to pay full fee along with late fee as per rules.)

22.9 Caution money / fee deposited for Ph.D. programme by the scholars 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:** 50% fee concession of the total fees will be granted to all regular university employees (GJUS&T, Hisar) and their dependents, and 75% concession of the total fee to Class-III employees of this University (GJUS&T, Hisar) and their dependents and full fee concession in case of Class-IV employees of this University (other than Post Matric Scholarship cases) will be allowed in Ph.D. programme.

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 this 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. 2000/- for evaluation of thesis and Rs. 2000/- for viva-voce.

24. In case of any clarification/ambiguity, the power to interpret the rules vests with the Vice-Chancellor, and in case of any dispute, 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)

(Chairperson, DRC)

Signature

(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 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

Appendix-III

PROFORMA OF DECLARATION BY RESEARCH SCHOLAR AT THE TIME OF SUBMISSION OF THESIS

This is to certify that the material embodied in the present work entitled “_____” is based on my original research work and satisfy the plagiarism prevention policy. It has not been submitted in part or full for any other diploma or degree of any university. My indebtedness to other works has been duly acknowledged at the relevant places in the thesis. The similarity index has been checked by using “TURNITIN’ software and it is less than 10% as per University policy.

(Signature of the Candidate)

Name :
Regn. No. :
Department :

(Countersigned by Supervisor of the Research Scholar)

(Chairperson/Director of the Department/School)

Appendix-IV

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

I verify that the thesis entitled _____ has been prepared by Mr./Ms. _____ under my supervision and the Scholar has submitted complete, correct and same version of thesis as is submitted in print version.

(Supervisor Name)

Name of Department

University Address

Date:

Appendix-V

Table 1: Naming Convention used for each PDF file

01_title.pdf	Title Page
02_certificate.pdf	Certificate
03_abstract.pdf	Abstract
04_declaration.pdf	Declaration
05_acknowledgement.pdf	Acknowledgement
06_contents.pdf	Content/Index page
07_list_of_tables.pdf	List of Tables
08_list_of_figures.pdf	List of Figures
09_abbreviations.pdf	Abbreviations
10_chapter1.pdf	First Chapter
11_chapter2.pdf	Second Chapter
12_chapter----	Chapter-----
13_Conclusion	Conclusion
14_summary	Summary
15_bibliography	Bibliography

Student Approval Form

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

Agreement

- 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.
- I hereby grant to 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) Bibliographic details and Synopsis only. b) Bibliographic details, synopsis and the following chapters only c) Preview/Table of contents/24 page only	
4.	View only (No Downloads) (worldwide)	

Signature of the Scholar

Signature and seal of the Co-supervisor

Place :

Date :

Appendix-VII

[TYPE THESIS TITLE HERE]
A Thesis submitted to the (university name)
For the Award of
[Doctor of Philosophy]
In
[Department Name]
By [Your Name]
Supervisor
[Name of Contributor]
Department of Studies in [Department Name]
[University Name]
[Year with Month]

DECLARATION

I declare that the thesis entitled (Name of the Thesis) has been prepared by me under the guidance of (Name of supervisor), Professor of (Department Name), (University Name), No part of this thesis has formed the basis for the award of any degree or fellowship previously.

[Your Name]
[Department Name], [University Name]
[University Address]
DATE

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CERTIFICATE

I certify that (Your Name) has prepared his/her thesis entitled (TYPE THESIS TITLE HERE), for award of Ph.D. degree of the (University Name), under my guidance. He/she has carried out the work at the Department of (Department Name), (University Name).

[Supervisor Name]
[Department Name], [University Name]
[University Address]
DATE

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PREFACE

[TYPE YOUR PREFACE HERE]

Page-4

ABSTRACT

[Type your Abstract here]

Page-5

TABLE OF CONTENTS

[Type your Table of Contents here]

Page-6

LIST OF TABLES

[Type your List of Tables here]

Page-7

LIST OF FIGURES

[Type your List of Figures here]

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LIST OF APPENDICES

APPENDIX A: [Type your Appendix A here]

APPENDIX B: [Type your Appendix B here]

APPENDIX C: [Type your Appendix C here]

APPENDIX D: [Type your Appendix D here]

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CHAPTER 1

[Type your contents of First Chapter]

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CHAPTER 2 onwards

[BIBLIOGRAPHY]

Doe, John B, Conceptual Planning : A Guide to a Batter Planet; 3d ed. Reading, MA: Smith Jones, 1996

Smith, Chris. Theory and the Art of Communications Design. State of the University Press 1977

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

Appendix-Form-B
No.....

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-Director 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)	<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. Category <input type="text"/>
7. Sex	<input type="checkbox"/> Male <input type="checkbox"/> Female	8. Nationality <input type="text"/>
9. Permanent Address	<input type="text"/>	
	<input type="text"/>	
	<input type="text"/>	Pin <input type="text"/>
10. Mailing Address	<input type="text"/>	
	<input type="text"/>	
	<input type="text"/>	Pin <input type="text"/>

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.				
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 alongwith 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 alongwith 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, Siggji
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 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 declared by the University Grants Commission taken from UGC website www.ugc.ac.in as on April, 2018.

Bihar

1. Maithili University/ Vishwavidyalaya, Darbhanga, Bihar

Delhi

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

Karnataka

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

Kerala

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

Maharashtra

11. Raja Arabic University, Nagpur, Maharashtra

WestBengal

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

UttarPradesh

14. Varanaseya Sanskrit Vishwavidyalaya, Varanasi (UP) Jagatpuri, Delhi.
15. Mahila Gram Vidyapith/ Vishwavidyalaya, (Women's University) Prayag, Allahabad, UP.
16. Gandhi Hindi Vidyapith, Prayag, Allahabad, Uttar Pradesh.
17. National University of Electro Complex Homeopathy, Kanpur, Uttar Pradesh.
18. Netaji Subhash Chandra Bose University (Open University), Achaltal, Aligrah, Uttar Pradesh.
19. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura, Uttar Pradesh.
18. Maharana Pratap Shiksha Niketan Vishavidyalaya, Pratapgarh, Uttar Pradesh.
19. Indraprastha Shiksha Parishad, Institutional Area, Khoda, Makanpur, Noida Phase-II, Uttar Pradesh.

Odisha

20. Nababharat Shiksha Parishad, Anupurna Bhawan, Plot No. 242, PaniTanki Road, Shaktinagar, Rourkela-769014.
21. North Orissa University of Agriculture & Technology, Odisha.

Puducherry

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

* [Bhartiya Shiksha Parishad, Lucknow, UP – the matter is subjudice before the District Judge- Lucknow.](#)

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 November, 2019.

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 _____ Post
Office _____ Tehsil _____ Distt.
_____ belonging 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 _____

Date _____

Signature
Officer Commanding/ ZilaSainik Board/
Competent Authority
(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 _____

Date: _____

Signature of the issuing authority
Full Name.....
Designation.....
(with legible seal)

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

**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.....
Designation.....
Date: _____ (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 November, 2019 or later.

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 _____

Haryana

Place _____

Deputy Commissioner of
concerned District of

(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 _____

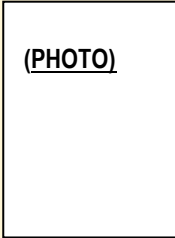
Signature

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 2019-20
(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 2019-20 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 my above vehicle will never be given to anyone for ridding purpose inside 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 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
Contact 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
Contact 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.

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.



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.....

(Converner, 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

1. Name of Candidate:

(in block letters)

(In Hindi)

2. Father's Name

(In block letters)

(In Hindi)

3. Mother's Name

(In block letters)

(In Hindi)

4. Spouse Name

(In block letters)

(In Hindi)

5. Date of Birth 6. Gender Male Female

7. Nationality

8. Adhaar No.

9. Permanent Address

Pin

10. Mailing Address

Pin

11. Telephone No. 12. Email

13. Educational Qualifications:

Examination	School/ College/ University	Year	%age	Subjects
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

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 2019-20

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. (Optical Engineering) (zero session)

M.Tech. (Food Technology)
M.Tech. (Geo-informatics)

M.Tech. (Biomedical Engineering)(zero session)

M.Sc. (Computer Science)
M.Pharm. (Pharmaceutical Chemistry)
M.Pharm. (Pharmaceutics)
M.Pharm. (Pharmacology)
M.Pharm. (Pharmacognosy)
Master of Physiotherapy (Musculoskeletal Disorders)
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 Part-Time (Evening)(Zero Session)

M. Com
M.Sc. (Psychology)
M.Sc. (Biotechnology)
M.Sc. (Microbiology)
M.Sc. (Chemistry)
M.Sc. (Environmental Sciences)
M.Sc. (Food Technology)
M.Sc. (Mass Communication)
M.Sc. (Mathematics)
M.Sc. (Physics)
M.Sc. (Economics)
M.Sc. (Yoga Science & Therapy)
M.A. English
M.A. Hindi
P.G. Diploma in Guidance & Counseling
P.G. Diploma in Yoga Science & Therapy

Under Graduate Courses

Bachelor of Pharmacy
Bachelor of Physiotherapy
B.Tech. (Computer Science & Engineering)
B.Tech. (Electronics & Communication Engineering)
B.Tech. (Information Technology)
B.Tech. (Mechanical Engineering)
B.Tech. (Printing Technology)
B.Tech. (Packaging Technology)
B.Tech. (Food Technology)
B.Tech. (Civil Engineering)
B.Tech. (Electrical Engineering)
B.Tech. (Biomedical Engineering)(zero session)

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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)

THROUGH DISTANCE MODE

Post Graduate Courses

Master of Business Administration (MBA)
Master of Commerce (M.Com)
Master of Computer Applications (MCA)
MCA (5-Years Integrated)
M.A. (Mass Communication)
M.Sc. (Mathematics)

P.G. Diploma Courses

P.G. Diploma in Computer Applications (PGDCA)
P.G. Diploma in Environmental Management (PGDEM)
P.G. Diploma in Taxation (PGDT)
P.G. Diploma in Advertising & Public Relations (PGDA&PR)
P.G. Diploma in Bakery Science and Technology (PGDBST)
P.G. Diploma in Counseling and Behaviour Modification (PGDCBM)
P.G. Diploma in Industrial Safety Management (PGDISM)
P.G. Diploma in Environmental Law (PGDEL)
P.G. Diploma in Financial Management (PGDFM)
P.G. Diploma in Human Resources Management (PGDHRM)
P.G. Diploma in International Business (PGDIB)
P.G. Diploma in Production and Operations Management (PGDPOM)
P.G. Diploma in Marketing Management (PGDMM)

Graduate Courses

Bachelor of Business Administration (BBA)
B.A. (Mass Communication)
Bachelor of Arts (B.A.)
Bachelor of Commerce (B.Com.)

Certificate Programme

Certificate Programme in Swami Vivekananda Studies (CPSVS)