

University Prospectus

Session 2011-12

'A' Grade NAAC Accredited University

**GURU JAMBHESHWAR UNIVERSITY
OF SCIENCE & TECHNOLOGY,
HISAR (Haryana) INDIA**

(Established by State Legislature Act 17 of 1995)



OFFICERS OF THE UNIVERSITY

Hon'ble Chancellor
His Excellency Sh. Jagannath Pahadia
Governor, Haryana

Vice-Chancellor	Dr. M.L. Ranga	01662-276192, 263101 Fax: 01662-276240 e-mail: gju_tech@yahoo.com vc_gju@yahoo.co.in
Registrar	Prof. R.S. Jaglan	01662-276025, 263104
Director, HSB	Prof. S.C. Kundu	01662-263111
Dean Academic Affairs	Prof. M.S. Turan	01662-263674, 263163
Proctor	Prof. Rajesh Malhotra	01662-263563, 263369
Chief Warden	Prof. S.C. Kundu	01662-263182
Dean Students Welfare	Prof. Kuldip Bansal	01662-263675, 263167
Dean of Colleges	Prof. Dharminder Kumar	01662-263588
Controller of Examinations	Sh. R.K. Yadav	01662-263130



DEANS OF FACULTIES

Prof. C.P. Kaushik Dean, Faculty of Environmental and Bio Sciences & Technology 01662-263153	Prof. Manoj Dayal Dean, Faculty of Media Studies 01662-263148
Prof. S.K. Sharma Dean, Faculty of Medical Sciences 01662-263580	Prof. B.K. Punia Dean, Haryana School of Business 01662-263311
Prof. Dharminder Kumar Dean, Faculty of Engineering & Technology 01662-263373	Prof. Rajesh Malhotra Dean, Faculty of Physical Sciences 01662-263369



Director Distance Education	Prof. M.S. Turan	01662-263157, 276735
University Librarian	Prof. J.K. Sharma	01662-263118
Head, Training & Placement Cell	Prof. R.K. Gupta	01662-263507, 263508
Director Academic Staff College	Prof. B.K. Punia	01662-263572, 263573
Director Sports	Dr. Neeraj Dilbaghi	01662-263500, 263156



Dr. M.L. Ranga
Vice-Chancellor
Guru Jambheshwar University
of Science & Technology, Hisar

Dear Students,

I extend you a warm welcome to Guru Jambheshwar University of Science & Technology, Hisar, which was established about 15 years ago after the name of the visionary saint and environmentalist Guru Jambheshwar Ji Maharaj. I am pleased that you have chosen this University for shaping your careers in the fields of your choice. The very fact that you have decided to be a part of this University makes us all the more responsive towards you. You will be happy to learn that your University has gained prominence in the different fields of studies and the thrust areas embedded in the preamble of the Act of this University. All the courses offered to the aspirants are of professionals and job oriented nature. Owing to the quality of its infrastructure, general corporate environment, good governance and achievements of the alumni the University has been well recognized by the job market in particular and the society in general. Yet, we are conscious that we have to compete with the best to deliver the best to our students. We are therefore, committed to provide best of the facilities and infrastructure required to each and every student of the University.

The prospectus, through which I am conveying my message and good wishes to the candidates aspiring to take admission, contains the information of multifarious nature. I would advise all the candidates to thoroughly read it to enlighten themselves about the admission opportunities and procedures and the general facilities available in the campus. I wish you make your career in the field of your choice and have a long lasting relationship with this institution of higher learning.

(M.L. Ranga)



Prof. R.S. Jaglan
Registrar
Guru Jambheshwar University
of Science & Technology, Hisar

Technical Education in India has undergone a paradigm shift in the last two decades. The Technical Universities provide new choice of a career which not only empowers young minds to take up social cause but also the opportunities present in a growing globalized world. Technical Education is in for exciting times and yet faces major challenges: to measure upto the huge expectations of the younger generation, to design contemporary curriculum for preparing Engineers/ Managers/ Scientists for emerging challenges, to solve existing challenges and to compete internationally. All these challenges are not insurmountable. What is required is a clear vision and most importantly a belief that it could be achieved.

In this regard the Guru Jambheshwar University of Science & Technology has been established with a mandate to transform and redefine the face of technical education, thereby culminating into a confluence of thought, knowledge and practice to facilitate the fullest development of the individual. Our aim is to produce engineers, scientists and managers who are technically sound, professionally competent and socially relevant.

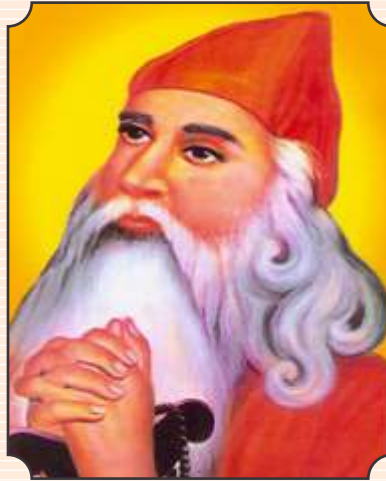
At Guru Jambheshwar University of Science & Technology, we sincerely intend and endeavour to bridge the sinister gap between knowledge and theory through the efforts of the faculty that make the learning process interesting, participative, stimulate, multi-dimensional and dynamic. Workshop, research project, seminars and conferences constantly help this university open up diverse avenues, perspectives with a broad ended vision and horizons. Our emphasis on discipline is unrelenting. While students have their own space but with all the requisite checks and balances. The physical infrastructure development on the campus is in tune with the rapid progress on the academic front and is significant step to be one of the leading institutions of technical education in the country.

The key to that success is the young aspirant you who desire to join this University. The transformation of your mind with its limitless potential will make this University a class of its own. It is possible only if you share the dream and passion to achieve it. Procuring an admission in this University is not the achievement but to sustain the goal, learn and unlearn in the journey, to practice the profession with highest ethical standards and to involve pro-actively in the issues facing the society, is the real achievement.

I invite all of you to join us in this challenging experience to maximize the benefits and fulfilling the aspirations of the society and the mission of this University.

(R.S. Jaglan)

About Guru Jambheshwar Maharaj Ji



Guru Jambheshwar Ji was a saint and great environmentalist of 15th century. Amongst all the saints of the 15th century, Guru Jambheshwar Ji was unique in preaching about the conservation of the biodiversity to his followers. He made it a creed for them by including the same in his 29 commandments. Thus Guru Jambheshwar Ji was not only a religious guru but a great ecologist and environmentalist, many centuries ahead of the scientists.

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

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

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

“Jeeya Nai Jugati or Mhan (Moova) nai mugati”.

(To live is a device and to die is salvation) within and outside the country.

Chairpersons and Incharges of the Departments

Sr. No.	Name of Department	Chairperson	Telephone No. (01662)	Incharge	Telephone No. (01662)
1.	Advertising Management & Public Relations	Dr. (Mrs.) Bandana Pandey	263187		
2.	Applied Physics	Prof. Nawal Kishore	263176		
3.	Applied Psychology	Dr. (Mrs.) Jyotsana	263168		
4.	Bio & Nano Technology	Prof. Ashok Chaudhury	263165		
5.	Biomedical Engineering	Prof. Dharminder Kumar	263180	Sh. Ravish Garg	263501
6.	Chemistry	Prof. J.K. Sharma	263152		
7.	Communication Management & Technology	Prof. Manoj Dayal	263148		
8.	Computer Science & Engineering	Dr. Dinesh Kumar	263173		
9.	Electronics & Communication Engineering	Dr. Sandeep Kumar Arya	263171		
10.	Environmental Science & Engineering	Prof. Narsi Ram Bishnoi	263129		
11.	Food Technology	Dr.(Mrs.) Alka Sharma	263150		
12.	Haryana School of Business	Prof. S.C. Kundu Director	263111 263182		
13.	Mathematics	Dr. (Mrs.) Sunita Rani	263574		
14.	Mechanical Engineering	Dr. H.C. Garg	263184		
15.	Pharmaceutical Sciences	Prof. S.K. Sharma	263580		
16.	Physiotherapy	Dr. D.C. Bhatt	263169		
17.	Printing Technology	Prof. Dharminder Kumar	263175	Sh. Anjan Kumar Baral	263396
18.	Guru Jambheshwar Institute of Religious Studies.			Dr. Kishna Ram Bishnoi	263159

HOSTELS

			Tel. No.
Chief Warden		Prof. S.C. Kundu	263182
Wardens:			
1.	Boys' Hostel No. I	Dr. Vikram Kaushik	263181
2.	Boys' Hostel No. II	Dr. Sandeep Rana	263368
3.	Boys' Hostel No. III	Dr. Sunil Sharma	263333
4.	Kasturba Bhawan (Girls Hostel No. I)	Mrs. Meenakshi	263190
5.	Saraswati Bhawan (Girls Hostel No. II)	Mrs. Suman Dahiya	263188
6.	Girls Hostel No. III	Dr. (Mrs.) Neetu Ahlawat	263391
7.	Working Women Hostel	Dr. (Mrs.) Sonika	263591

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Important Instructions/ Information

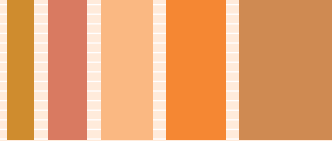
1. Before filling up the admission form, the candidates are advised to read carefully, the provisions given in the University Prospectus.
2. The last date for receipt of Admission forms duly complete in all respect alongwith all documents in the respective offices is 04.07.2011 (Upto 5.00 p.m.). No admission form or any wanting documents will be accepted after the last date specified for the purpose.


Sr.No.	Group-I	
1.	M.Sc. Applied Psychology	Admission Form to be deposited in the office of Dean, Faculty of Media Studies (Teaching Block No.5) GJUS&T, Hisar Telephone No. 01662-263148
2.	M.Sc. Development Communication	
3.	M.Sc. Advertising Management & PR	
4.	M.Sc. Mass Communications	
5.	P.G. Diploma in Web Advertising & Animation	
6.	P.G. Diploma in Tourism PR	
7.	P.G. Diploma in Defence Journalism	
Sr.No.	Group-II	
1.	M.Sc. Chemistry	Admission Form to be deposited in the office of Dean, Faculty of Environmental and Bio Sciences & Technology (Teaching Block No.4) GJUS&T, Hisar Telephone No.01662-263153
2.	M.Sc. Physics	
3.	M.Sc. Mathematics	
4.	M.Sc. Biotechnology	
5.	M.Sc. Environmental Sciences	
6.	M.Sc. Food Technology	
7.	M.Sc. Industrial Microbiology	
8.	P.G. Diploma in Pigment & Paint Technology	

The forms for the following M.Tech., M.Pharm., Master of Physiotherapy and Bachelor of Physiotherapy courses are to be deposited in the office of Chairpersons of the Department listed below :

Sr.No.	Name of Course	Name of Department	
1.	M.Pharm. (all streams)	Pharmaceutical Sciences	Teaching Block-2
2.	M.Tech. (Computer Science & Engineering)	Computer Science & Engineering	Teaching Block-6
3.	M.Tech. (Printing Technology)	Printing Technology	Teaching Block-5
4.	M.Tech. (Mechanical Engineering)	Mechanical Engineering	Mechanical Workshop
5.	M.Tech. (Nano Science & Technology)	Bio & Nano Technology	Teaching Block-1
6.	M.Tech. (Optical Engineering)	Applied Physics	Teaching Block-3
7.	M.Tech. (Food Engineering)	Food Technology	Teaching Block-1
8.	M.Tech. (Environmental Sciences)	Environmental Science & Engineering	Teaching Block-4
9.	M.Tech. (Geo-informatics)	Environmental Science & Engineering	Teaching Block-4
10.	M.Tech. (Electronics & Communication Engineering)	Electronics & Communication Engineering	Teaching Block-7
11.	Master of Physiotherapy (all streams)	Physiotherapy	University Health Centre
12.	Bachelor of Physiotherapy	Physiotherapy	University Health Centre

Note : The admission forms will be accepted only on working days, i.e., from Monday to Friday, except holidays.

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3. The University will not be responsible for any delay in postal transit/ through courier service. Admission Form and other details are also available on the University website (www.gjust.ac.in). Candidates using downloaded admission forms must attach a demand draft of Rs. 1000/- (Rs. 250/- in case of SC/BC candidates of Haryana) drawn on any scheduled bank in favour of the Registrar, Guru Jambheshwar University of Science & Technology, Hisar payable at Hisar.
 4. The candidates who do not receive the Admit Cards are advised to contact the respective office as mentioned on pre-page before the date of Entrance Test, as per schedule given in the Prospectus. Any change will be notified on notice board separately and the same will also be uploaded on the University website. The seating arrangements for common Entrance Tests (Group-I & Group-II) will also be displayed at University Gate No.2 and Gate No.3 (City Gate) on the day of examination.
 5. The candidates shall use only the admission form contained in this Prospectus or the downloaded one as mentioned at Para No. 3 above. Photo copies are not allowed. The candidates applying for more than one course of a group (Group I or Group-II) need to fill up only one form for each group, i.e., they need not fill up more than one form for the courses of a particular group.
 6. A candidate allowed to appear in the Entrance Test provisionally cannot claim admission whatsoever be his/her rank in the test, if found ineligible on verification of documents/certificates at the time of preparation of merit list / admission.
 7. If at any stage, it is found that the candidate has supplied any incomplete or false or incorrect information in the admission form, his/her candidature for the course will be cancelled and he/she will be liable for disciplinary action as per the University rules and all fees deposited by him/her shall be forfeited.
 8. The students admitted through Haryana State Counseling Society, Panchkula will also fill up the admission Form contained in this prospectus and submit in the respective department.
 9. No student shall be permitted to be on the rolls of two different Departments of the University simultaneously.
 10. In case, the last date for receipt of admission forms happens to be a holiday or that day is declared a holiday by the University, the next working day will be considered as the last date for the purpose.
 11. At the time of admission, every candidate shall be required to give an undertaking of good behaviour. If a candidate, after his admission to any course in University Teaching Departments, is found indulging in any kind of ragging or any act of indiscipline, his/her admission is liable to be cancelled. The candidate and his/ her parent/ guardian will have to sign an undertaking to this effect in the admission form.
 12. If the University authorities are not satisfied with the character, past behaviour and antecedents of a candidate, they may refuse to admit him/her to any course of study in the University. In order to safeguard academic standards and ensure discipline and peaceful atmosphere in the University, the Vice-Chancellor may cancel the admission of any student.
 13. A student from any other University recognized by Guru Jambheshwar University of Science & Technology or from a Board of Examination other than Board of School Education, Haryana, shall be eligible for admission to the University only on production of migration certificate (or transfer certificate if a Board does not issue the migration certificate) to show that the University or Board has no objection to his/her joining this University and he/she will have to submit the same upto 31st January, 2012 without any late fee, failing which his/her candidature for the concerned examination shall stand suspended automatically, provided that the condition of production of the migration certificate shall not apply in the case of students passing their examination from foreign universities.
Provided that in hard and exceptional cases migration certificate will be accepted with payment of Rs.200/- (as Late Fee) if the same is submitted 30 days before the commencement of examinations and with late fee of



Rs.400/- if it is submitted 15 days before the commencement of examinations. In that event the candidate will continue his/her studies provisionally at his/her own risk and responsibility and will submit an undertaking in writing to this effect.

Provided further that the condition of submission of migration certificate shall not apply to a candidate for the first Semester examination.

14. In case, a candidate submits any document in the Office/Department he/she is required to obtain a receipt from the Office/ Department concerned specifically mentioning the particulars and the date of submission of the documents.
15. The selection of a candidate for admission to a course will be based on the score of equal weightage to the score of Entrance Test and %age of marks in qualifying examinations plus Sports weightage, subject to fulfilling other conditions as given in the Prospectus. However, for admission to M.Tech. and M.Pharm. programmes, candidates with valid GATE /GPAT score will not be required to appear in the entrance test but are required to purchase the University Prospectus and fill the admission form.
16. The Scheduled Caste students whose parent's income from all sources is upto Rs. Two lacs per annum as prescribed by the State Govt. are required to produce, at the time of admission, the "Caste" and "Income Certificate" issued by the competent authority for the purpose of depositing token fees of Rs. 1000/- instead of full fee. However, production of Caste certificate is mandatory for all candidates claiming admission against reserved seats.
17. After getting admission, the student may obtain a copy of the syllabus of the course joined from the Department concerned / University website www.gjust.ac.in .
18. In the event of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the Vice-Chancellor for interpretation whose decision shall be final. The Vice-Chancellor is also competent to remove any inconsistency at any time and decide as to which provision shall take precedence over the other.

19. Any legal dispute relating to admission of students will be subject to jurisdiction of the Court at Hisar.

20. Supreme Court of India Orders- Curbing Ragging in Educational Institutions- Prospectus admission:

It has been impressed upon by the Hon'ble Supreme Court of India that henceforth in every prospectus relating to admission of the students in any educational institution, it shall be clearly stated that if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution.

Instructions for curbing ragging: Ragging in educational institutions is banned and any one indulging in ragging is liable to be punished appropriately, which may include suspension from the institution or classes for a limited period, expulsion from the institution and consequent debarring from admission to any other institution for a specific period or fine as per UGC guidelines upto Rs. 2.50 lacs. The punishment may also take the shape of (i) withholding scholarships or other benefits, (ii) debarring from representation in events, (iii) withholding results, (iv) suspension or expulsion from hostel or mess. If the individuals, committing or abetting ragging, are not/ cannot be identified, collective punishment can be awarded to act as a deterrent.

The following will be termed as the act of ragging : Any disorderly conduct whether by words spoken or written or by an act, which has the effect of teasing, treating or handling with rudeness any other student (s), indulging in rowdy or indiscipline activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in fresher or junior student(s) or asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher student.



Chapter – 1

About the University

General

The Guru Jambheshwar University, Hisar, was established on October 20, 1995 by an Act of the Legislature of the State of Haryana. It was formally inaugurated on November 1, 1995. It is named after Guru Jambheshwar Ji Maharaj, a saint environmentalist of 15th century. Keeping in view the nature of courses offered at the University and the mandate for which it had been established the name of the University has been changed as Guru Jambheshwar University of Science & Technology. The University is situated at Hisar, a rapidly growing town situated at about 167 Km. from Delhi on Delhi-Rohtak- Hisar- Sirsa- Fazilka National Highway (NH-10) and at a distance of about 231 Km. from Chandigarh on NH-65. The University is situated over a sprawling area of about 372 acres. The campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately 225 acres of land have been developed providing with all modern facilities such as road networks, water supply, street lighting, electricity supply and parks/lawns. The university has a cafeteria with the facility of a big dining hall, kitchen, store and office on the ground floor. One big hall is also on the first floor. The cafeteria provides refreshment breakfast and lunch facilities. Facilities for special program like tea party etc. are also available here. Besides, there is a Shopping Centre which offers several facilities to the residents, such as saloon, laundry, post office, bookshop, bank with ATM facility, grocery shop, sweets shop, computer and photocopying facilities, etc.

The University is recognized by the University Grants Commission 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 has been accredited by National Assessment and Accreditation Council (NAAC), in 2002 as grade 'A' and has been re-accredited as grade 'A' with (CGPA 3.26), in 2009.

Jurisdiction

The jurisdiction of the University extends to the courses being run in the areas of science, technology, engineering, pharmacy, physiotherapy and management on the University Campus and all Technical Institutions (except B.Pharmacy institutions) in the districts Fatehabad, Hisar and Sirsa with effect from the academic session 2011-12.

Hostels

There are Seven Hostels (three for boys, three for Girls and one for working women) which can accommodate about 1600 students. All the hostels have been fully equipped with modern amenities like as electric geysers, music systems, telephone facilities, desert-coolers, water coolers fitted with Water Purifier, insect killers and adequate playgrounds and other recreational facilities like colour television, chessboards, carom boards, Each hostel has a common room where newspapers and latest magazines are available to the students. Further, all hostels have internet and Wi-Fi facilities. The lawns around the hostels are developed aesthetically to provide refreshing view while entering or leaving hostel. Each hostel have been provided lawn benches. Hostel accommodation is provided strictly on merit. The hostel residents will be governed by the terms and conditions as contained in the University Hostel Regulations.

Credit Based System of Examinations

For the purpose of evaluation of students performance in the examinations, the University has switched over to credit based system of examinations for all courses w.e.f.

2006-07. The prominent features of the credit based system are the process of continuous evaluation of a student's performance and flexibility to allow the students to progress at an optimum pace suited to individuals ability and convenience, subject to fulfilling minimum requirements for continuation.

University Computer & Informatics Centre

The University has a Computer & Informatics Centre (UCIC) which is a central facility to meet the computing requirements of all the students, research scholars, staff and faculty of the University. It has more than 140 computers including latest configuration servers & other peripherals. It caters to the needs of students, research



scholars and faculty in the field of related to research, networking and software development. All the computers are connected with internet facility. From its very inception, the UCIC has effectively performed the pioneering task of building up data processing capabilities of many branches of the university and played a vital role in imparting intensive training to the staff of the university. In addition there is also a full fledged language lab. The lab has a Clarity Infinity Software, which offers a variety of functions such as Recording, High Speed Copying, Test Preparation, Student Monitoring, Teacher/Student Call, Group Conferencing, etc.

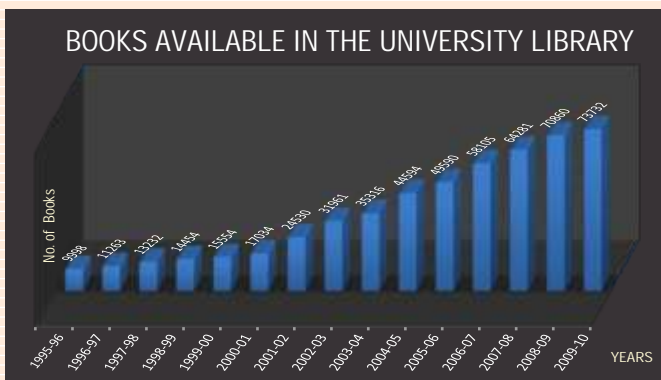
The timing of the UCIC will be 9.00 a.m. to 7.00 p.m. for teaching session and 9.00 a.m. to 5.00 p.m. for rest of the period like Autumn Break, Summer Vacations and Winter Vacations.

Training & Placement

The Training & Placement Cell takes care of training and campus placements for the students. The Cell is equipped with appropriate infrastructure to execute the placement process. Arrangements for Pre-Placement talks, written tests, group discussions, interviews etc. are handled by the staff at the office in coordination with the respective departments. The Placement activities are handled by the Placement Cell, which includes final year students from different departments under the guidance of Head, Training and placement. Training and Placement Cell keeps liaison 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 organized at various institutions/ industries. The University has recently established a placement office at Gurgaon also for coordinating placement activities and mobilizing the companies from NCR etc.

University Library

The University Library is centrally located in a circular designed three storied building. The Library has two Reading Halls with a total capacity of 250 seats. The Library functions in two shifts from 9.30 a.m. to 7.00 p.m. and remains open on Saturdays and Sundays. During examination days, Night Reading Hall remains open round the clock. The University Library has added 6743 books to its existing collection of 73732 books during the financial year 2010-2011 and now the library has a collection of 80475 and 4175 bound volumes of journals. The Library has processed the subscription of 180 Indian Journals, 64 Magazines and 20 Newspapers.



The Library has the access to more than 6000 e-journals of 17 publishers through INFONET & INDEST Consortium. The University Library subscribed Emerald Management Xtra-175, an online database of 175 electronic journals for the period January to December 2010. Using the Integrated Software Libsys: the complete database of Library, holdings of books and Library membership has been created. By using LS Digital Software-an add on software to LibSys, the Library has created its institutional repository. The Library is member of the American Library, New Delhi. An Internet Lab of 22 Laptops has been established for SC/ST Students. The University Library enrolled 4913 members during the current year and recorded 28068 visitors during the period. During the period of January to December, 2010, total issues for home lending were 85811 books (Average issues 300 books per day) and total 135632 books were consulted (average 407 books per day) by the members of the Library.

Sports Facilities

The Sports Complex has one Multipurpose Hall for Indoor games i.e. Badminton, Table-Tennis, Carom board, Chess, 16 station Multi-Gym, Yoga and Weight lifting, one half cemented Cricket pitch, one ground each for Football, Hand ball, Cricket and Athletic Track of 400 meter and three Volley grounds. In addition, two cemented Basket ball courts, two Volleyball courts, two synthetic Lawn Tennis courts. One cemented Lawn tennis court with practice wall and one Synthetic Badminton Rex court have recently been constructed.



Timings for Sports activities are Morning 6.00 a.m. to 9.00 a.m. and Evening 4.00 p.m. to 9.00 p.m. for University students and Staff Members. The Sports Equipments/kits are issued to the students as well as to the University Employees during tournaments.

University Health Centre

The University Health Centre caters to the medical needs of University Staff and students. It is spacious enough to accommodate 2 doctors' cabins, a dispensing room, a laboratory, a medicine store, a minor O.T. and an observation room with 3 beds facility. The University Health Centre has the facility like:-

- Medical Aid to all common ailments with routine blood tests like hemogram, blood sugar, S. Cholesterol, S. bilirubin, Urine Test, Stool Test etc.
- First Aid to all the accident cases.
- Preliminary care to all major diseases.
- 24 hours Ambulance Service for transporting the referred patients.

- Free Medicines to all the employees and their wards and students.

For referral two multi-specialty hospitals are on University panel i.e. N.C. Jindal Institute of Medical Care & Research, Hisar and Civil Hospital, Hisar and nine empanelment of the doctors at Hisar like Orthopaedician, Physicians, Surgeon, Pediatrician, Ophthalmologist, Gynecologist, Urologist, Burn/ Plastic Surgeon and ENT to provide referral medical facility, in their respective field/ specialization, to the University employees and their dependents for treatment as Indoor patients in their hospitals. The medical reimbursement for indoor treatment from the above doctors will be admissible in accordance with the rates equal to PGIMER, Chandigarh.

Research Programmes

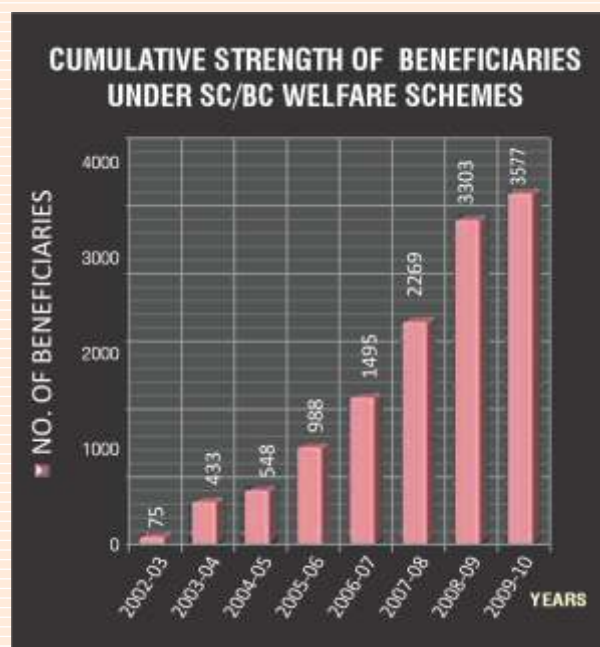
Research scholarship and creative work differentiate universities from all other educational institutions. The ideas, discoveries and innovations emanating from universities profoundly affect the social, cultural and economic well-being of our society. The University offers intensified research programmes leading to award of the degree of Doctor of Philosophy in all Departments offering post-graduate courses. The details are available in Information Brochure which can be had from Deputy Registrar (Registration) or university website www.gjust.ac.in.

Facilities for SC/ST and BC Students

A SC/ST Cell has been set up in the University to ensure proper implementation of various schemes of the UGC, the Government of India and the State Govt. concerning scholarships, stipends etc. for welfare of reserved categories. The guidelines, for various types of scholarship/ stipends as revised from time to time by the Central and State Govts., are notified to all departments which are got displayed on the Notice Boards of the concerned departments. This Cell ensures that these guidelines are strictly adhered to. The reservation to SC, BC and other categories will be admissible as per

reservation policy of the State Govt. The following type of scholarships are granted to the SC and BC candidates under the Schemes of Govt. of India/ State Govt.

- Post Matric Scholarship to SC/ST students, Govt. of India Scheme.
- Stipend to B.C. students under State Harijan Welfare Scheme.
- Financial help to purchase books etc. from District Welfare Office.



Central Instrumentation Laboratory

The 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 High Performance Liquid Chromatograph (HPLC), Atomic Absorption Spectrophotometer (AAS), UV-VIS-NIR-Spectrophotometer, Differential Scanning Calorimeter, Lyophilizer and FT-IR Spectrometer. The process for procurement of NMR machine and other Sophisticated instruments are in progress. These instruments are of multidisciplinary utility. These instruments are generally

used to pursue R&D activities by the students of Department of Bio & Nano Technology, Food Technology, Pharmaceutical Science, Applied Physics, Environmental Science & Engineering and Chemistry.

Business Development Group

The University has constituted the Business Development Group (BDG). The BDG has been mandated to foster closer ties with the Corporate World, Industry Association, Government agencies, Multi-lateral bodies and others for the purpose of soliciting consultancy assignments, collaborative research projects, establishment of study chair in the University and placement activities of the students.

Intellectual Property Rights & Technology Commercialization Cell (IPR & TCC)

The IPRs are a bundle of exclusive rights over creations of the mind both artistic and commercial. The former is covered by copyright laws, which protect creative works, such as books, movies, music, paintings, photographs, and software, and gives the copyright holder exclusive right to control reproduction or adaptation of such works for a certain period of time. The second category is collectively known as "industrial properties", as they are typically created and used for industrial or commercial purposes. A patent may be granted for a new, useful, and non-obvious invention and gives the patent holder a right to prevent others from practicing the invention without a license from the inventor for a certain period of time. A trademark is a distinctive sign which is used to prevent confusion among products in the marketplace. An industrial design right protects the form of appearance, style or design of an industrial object from infringement. A trade secret is an item of non-public information concerning the commercial practices or proprietary knowledge of a business. All this calls for comprehensive

understanding and detailed deliberations on various issues and intricacies involved and hence a separate cell was required to address the underlying objectives. Therefore the University has established a separate Cell for the purpose of Documentation and Commercialization of Research. The Cell is named as "Intellectual Property Rights & Technology Commercialization Cell". The very purpose of creating this Cell is to ensure the 'Commercial Use' of University's In-house Research and Technology-Outcomes to outside world. The Cell is expected to transfer University's intellectual property rights to needy organizations to promote active commercialization of University's inventions through a well-designed policy of the University in this connection.

Campus Networking

In order to cater all such 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 (common room), administrative blocks and other offices have been connected with a combination of wired and wireless network. The internet connectivity has been provided through 10 Mbps leased line free of cost to faculty, staff and students of university for 24 hours. Each faculty, staff and students of University is provided E-mail address on internal mail server of University. The network has been empowered through high capacity and secured active and passive components.

Academic Staff College

The UGC- Academic Staff College has been established during the 11th Plan in this University in accordance with the National policy of Education (NPE-1986). The objectives of ASC are to enhance the faculty motivation skills and knowledge through systematic orientation in specific subjects, techniques and methodologies, and thereby inculcate the right kind of values that would in turn

encourage them to take initiatives for innovative and creative work and also to arrange programmes for heads of departments, principals, deans, officers, etc. must be organized with a view to acquainting the top-level administrators with what teachers are learning in the orientation programmes, which is helpful for effective decision making by the top level administrative and its implementation to achieve the excellence in the connected fields. The functions of ASC in the university are to plan, organise, implement, monitor and evaluate orientation courses for newly appointed college/ university teachers. The ASC also organise refresher courses for serving teachers, and orientation programmes for senior administrators and heads of departments, principals, officers, etc. Programmes for students at Ph.D./post-doctoral levels from CSA/DSA/SAP departments are also organized by the ASC. The ASC also conduct short term courses of about one week duration in various fields for the professional development of senior faculty, and also the capability enhancement programmes for non academic staff so as to strengthen the teaching-learning environment. As a whole, the ASC of the university will endeavors to cater to the needs of teachers and academic administrators.

Centre for Behavioral Research & Intervention

The Basic aim of the centre is to take care of psychological well being of students and to develop the positive attitude among youth particularly the students. The Centre (CBRI) has been involved in providing psychological counseling to students, 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 the Dean Students' Welfare provides following facilities and opportunities to the students:-

- Concessional Railway Pass facility.
- Organization of Educational and Industrial Tours to different places.
- `Earn While You Learn' Scheme.
- Organization of Cultural Activities
- Financial Aid to the needy students.
- Group Insurance Scheme.

Students Discipline

For dealing with day-to-day disciplinary matters concerning students a Committee on Students Discipline & Welfare (Proctorial Committee) has been constituted to monitor the disciplinary climate prevailing in the student community and to maintain the Law and Order situation on the University Campus. The Proctor is responsible for the enforcement of the condition relating to Residence, Health and Discipline as laid down in the concerned ordinance.



Chapter - 2

Faculties, Departments and Courses Offered

2.1 FACULTY OF ENGINEERING & TECHNOLOGY

Departments

A.	Printing Technology	i) M.Tech.(Printing Technology)
		ii) B.Tech. (Printing Technology)
		iii) B.Tech. (Printing & Packaging Technology)
B.	Computer Science & Engineering	i) M.Tech. (Computer Science & Engineering)
		ii) Master of Computer Applications (MCA)
		iii) B.Tech. (Computer Science & Engineering)
		iv) B.Tech. (Information Technology)
C.	Electronics & Communication Engineering	i) M.Tech. (Electronics & Communication Engineering)
		ii) B.Tech. (Electronics & Communication Engineering)
D.	Biomedical Engineering	i) B.Tech. (Biomedical Engineering)
E.	Mechanical Engineering	i) M.Tech. (Mechanical Engineering)
		ii) B.Tech. (Mechanical Engineering)

2.2 FACULTY OF MEDIA STUDIES

Departments

A.	Communication Management & Technology	i) M.Sc. (Mass Communication)
		ii) M.Sc. (Development Communication)
		iii) P.G. Diploma in Defence Journalism
B.	Advertising Management & Public Relations	i) M.Sc. Advertising Management & Public Relations
		ii) P.G. Diploma in Web Advertising & Animation
		iii) P.G. Diploma in Tourism PR

2.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

Departments

A	Environmental Science & Engineering	i) M.Tech. (Environmental Science & Engineering)
		ii) M.Tech. (Geo-informatics)
		ii) M.Sc. (Environmental Sciences)
B	Bio & Nano Technology	i) M.Tech. (Nano Science & Technology)
		ii) M.Sc. (Biotechnology)
		iii) M.Sc. (Industrial Microbiology)
C	Food Technology	i) M.Tech. (Food Engineering)
		ii) M.Sc. (Food Technology)
		iii) B.Tech. (Food Engineering)

2.4 FACULTY OF PHYSICAL SCIENCES

Departments

A.	Chemistry	i) M.Sc. (Chemistry)
		ii) P.G. Diploma in Pigment & Paint Technology
B.	Mathematics	i) M.Sc. (Mathematics)
C.	Applied Physics	i) M.Tech. (Optical Engineering)
		ii) M.Sc. (Physics)

2.5 HARYANA SCHOOL OF BUSINESS

Haryana School of Business	i) Master of Business Administration (MBA)
	ii) MBA (Evening)
	iii) M.Com.

2.6 FACULTY OF MEDICAL SCIENCES

Departments

A	Physiotherapy	i) Master of Physiotherapy (Musculoskeletal Disorders)
		ii) Master of Physiotherapy (Sports Physiotherapy)
		iii) Master of Physiotherapy (Neurological Disorders)
		iv) Master of Physiotherapy (Pediatric Physiotherapy)
		v) Bachelor of Physiotherapy
B	Applied Psychology	i) M.Sc. (Applied Psychology)
C	Pharmaceutical Sciences	i) M.Pharm. (Pharmaceutical Chemistry)
		ii) M.Pharm. (Pharmaceutics)
		iii) M.Pharm. (Pharmacology)
		iv) M.Pharm. (Pharmacognosy)
		v) Bachelor of Pharmacy

2.7 FACULTY OF HUMANITIES AND SOCIAL SCIENCES

This Faculty is revived and any new department to be established in future relating to Social Sciences and the Department of Applied Psychology will come under this faculty when faculty becomes functional.

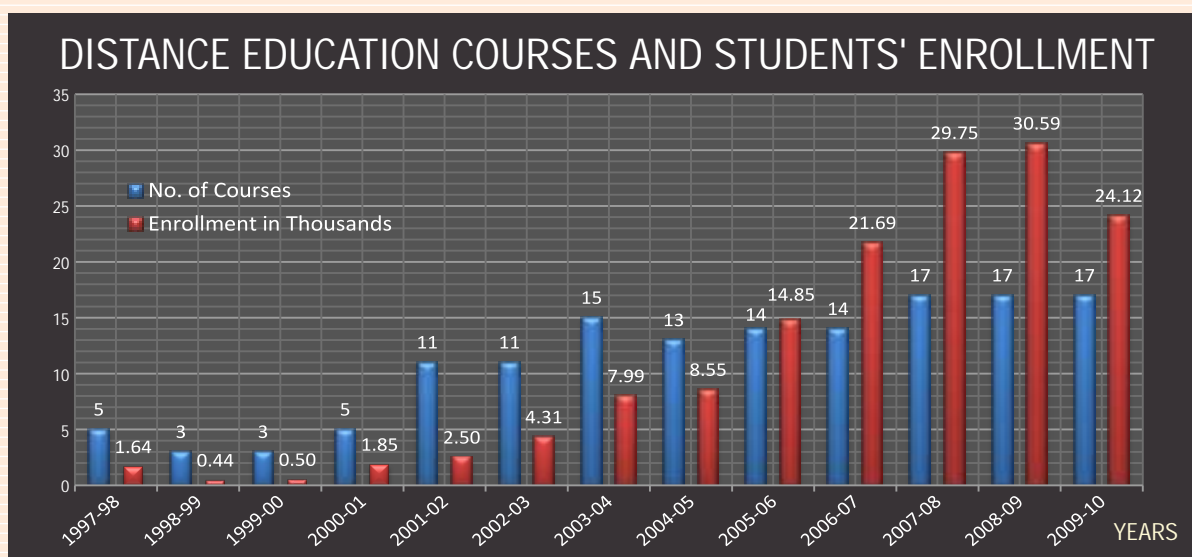
2.8 FACULTY OF RELIGIOUS STUDIES

Guru Jambheshwar Institute of Religious Studies conducts research and comparative study of various religions with special reference to teachings of Guru Jambheshwar Ji Maharaj.

2.9 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.

1. M.A. (Mass Communication)	9. P.G. Diploma in Computer Applications (PGDCA)
2. M.Sc. (Computer Science)	10. P.G. Diploma in Taxation (PGDT)
3. Master of Insurance Business (MIB)	11. P.G. Diploma in Environmental Management (PGDEM)
4. Master of Computer Applications (MCA 3 Years)	12. P.G. Diploma in Advertising & Public Relations (PGDA&PR)
5. Master of Business Administration (MBA)	13. P.G. Diploma in Bakery Science & Technology (PGDBS&T)
6. Master of Computer Applications (MCA) (5–Years integrated)	14. P.G. Diploma in Industrial Safety Management (PGDISM)
7. Master of Commerce (M.Com.)	15. P.G. Diploma in Counseling & Behaviour Modification (PGDCBM)
8. M.Sc. (Mathematics)	16. B.A. (Mass Communication)
	17. Bachelor of Business Administration (BBA)



Chapter - 3

Department-wise Faculty Position

3.1 FACULTY OF ENGINEERING & TECHNOLOGY

A. Department of Computer Science & Engineering

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Dharminder Kumar	Professor & Dean	263373
2.	Dr. Dinesh Kumar	Associate Professor & Chairperson	263399 263173, 263154
3.	Dr. (Mrs.) Saroj	Associate Professor	263380
4.	Dr. Yogesh Chaba	Associate Professor	263320
5.	Dr. Pardeep Kumar	Associate Professor	263343
6.	Dr. Rishi Pal Singh	Assistant Professor	263112
7.	Dr. Dharmender Kumar (On EOL)	Assistant Professor	263323
8.	Mrs. Jyoti Vashistha (On Academic Leave)	Assistant Professor	263344
9.	Ms. Sunila	Assistant Professor	263331
10.	Dr. Yudhvir Singh (On EOL)	Assistant Professor	263319
11.	Mrs. Ritu Makani	Assistant Professor	263344
12.	Sh. Sunil Kumar	Assistant Professor	263319
13.	Sh. Sanjeev Kumar	Assistant Professor	263318
14.	Sh. Jaswinder Singh	Assistant Professor	263331

B. Department of Printing Technology

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Dharminder Kumar	Professor & Chairperson	263175
2.	Sh. Anjan Kumar Baral	Assistant Professor & Incharge	263396
3.	Sh. Ambrish Pandey	Assistant Professor	263335
4.	Sh. Arohit Goyat	Assistant Professor	263338
5.	Sh. Pankaj Kumar	Assistant Professor	263336
6.	Mrs. Vandana	Assistant Professor	263337
7.	Mrs. Priti Prabhakar	Assistant Professor	263332

C. Department of Electronics & Communication Engineering

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Sandeep K. Arya	Associate Professor & Chairperson	263171
2.	Sh. Deepak Kedia	Assistant Professor	263529
3.	Sh. Sanjeev Kumar	Assistant Professor	263511
4.	Mrs. Suman Dahiya	Assistant Professor	263513
5.	Sh. Manoj Kumar	Assistant Professor	263547
6.	Sh. Ramnish	Assistant Professor	

D. Department of Biomedical Engineering

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Dharminder Kumar	Professor & Chairperson	263180
2.	Sh. Ravish Garg	Assistant Professor & Incharge	263501

E. Department of Mechanical Engineering

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Hem Chander Garg	Associate Professor & Chairperson	263184
2.	Dr. Munish Gupta (On EOL)	Assistant Professor	263558
3.	Sh. Pankaj Sharma	Assistant Professor	263560
4.	Dr. Vishal Gulati	Assistant Professor	263556
5.	Sh. Pankaj Khatak (On Academic Leave)	Assistant Professor	263559
6.	Sh. Puneet Katyal	Assistant Professor	263562
7.	Sh. Mahesh Kumar	Assistant Professor	263564
8.	Sh. Kamal Deep	Assistant Professor	263561
Teaching Supporting Staff			
9.	Sh. Amitesh Goswami, (On EOL)	Asstt. Workshop Supdt.	

3.2 FACULTY OF MEDIA STUDIES

A. Department of Communication Management & Technology

Sr. No.	Name	Designation	Telephone Number
1	Dr. Manoj Dayal	Professor, Dean & Chairperson	263148
2.	Dr. P.K. Jena	Associate Professor	263361
3.	Dr. Vikram Kaushik	Reader	263181
4.	Sh. M.R. Patra	Assistant Professor	263310
5.	Dr. N. Sushil Kumar	Assistant Professor	263381

B. Department of Advertising Management & Public Relations

Sr. No.	Name	Designation	Telephone Number
1.	Dr. (Mrs.) Bandana Pandey	Associate Professor & Chairperson	263187
2.	Dr. Umesh Kumar Arya	Assistant Professor	263354

3.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

A. Department of Environmental Science & Engineering

Sr. No.	Name	Designation	Telephone Number
1	Dr. C.P. Kaushik	Professor & Dean	263153
2.	Dr. (Mrs.) Anubha Kaushik	Professor	263164
3.	Dr. Narsi Ram Bishnoi	Professor & Chairperson	263321
4.	Dr. Vinod Kumar Garg	Associate Professor	263360
5.	Dr. Parveen Sharma	Associate Professor	263342

6.	Dr. (Ms.) Asha Gupta	Associate Professor	263371
7.	Dr. R. Baskar	Associate Professor	263325
8.	Dr. Mukul Bishnoi	Associate Professor	263328
9.	Dr. Rajesh Kumar	Assistant Professor	263326
10.	Er. Jitender Pal	Assistant Professor	263327

B. Department of Bio & Nano Technology

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Ashok Chaudhury	Professor & Chairperson	263165 , 263306
2.	Dr. J.S. Rana (On EOL)	Professor	263378
3.	Dr. Neeraj Dilbaghi	Associate Professor	263500
4.	Dr. (Ms.) Namita Singh	Assistant Professor	263312
5.	Dr. Vinod Kumar (On EOL)	Assistant Professor	263355
6.	Sh. Anil Kumar	Assistant Professor	263514
7.	Dr. Sandeep Kumar	Assistant Professor	263500
8.	Mrs. Santosh Kumari	Assistant Professor	263568
9.	Dr. Rajesh Thakur	Assistant Professor	263514
10.	Dr. (Mrs.) Alka Rao (On EOL)	Assistant Professor	263568

C. Department of Food Technology

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Bhupender Singh Khatkar	Professor	263313
2.	Dr. (Mrs.) Alka Sharma	Associate Professor & Chairperson	263150
3.	Dr. (Mrs.) Aradhita Burman Ray	Associate Professor	263317
4.	Sh. Manish Kumar	Assistant Professor	263516

3.4 FACULTY OF PHYSICAL SCIENCES

A. Department of Chemistry

Sr. No.	Name	Designation	Telephone Number
1.	Dr. J.K. Sharma	Professor & Chairperson	263152
2.	Dr. R.K. Gupta	Professor	263103
3.	Dr. Rajesh Malhotra	Professor & Dean	263369
4.	Dr. J.B. Dahiya	Associate Professor	263356
5.	Dr. Devinder Kumar	Associate Professor	263358
6.	Dr. (Mrs.) Sonika	Associate Professor	263160
7.	Dr. Ashok Kumar Sharma (On EOL)	Associate Professor	263567
8.	Dr. Satbir	Assistant Professor	263397
9.	Dr. (Mrs.) Jai Devi	Assistant Professor	263566
10.	Dr. C.P. Kaushik	Assistant Professor	263398
11.	Sh. Kashmiri Lal	Assistant Professor	263542
12.	Sh. Vikas	Assistant Professor	263542

B. Department of Mathematics

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Kuldip Bansal	Professor	263167
2.	Dr. (Mrs.) Sunita Rani	Associate Professor & Chairperson	263357
3.	Dr. (Mrs.) Sunita Pannu	Associate Professor	263362
4.	Dr. Mukesh Kumar Sharma	Reader	263525
5.	Dr. Nawneet Hooda (On EOL)	Assistant Professor	263364
6.	Sh. Kapil Kumar (On Academic Leave)	Assistant Professor	263367
7.	Dr. Pankaj Kumar	Assistant Professor	263388

C. Department of Applied Physics

Sr. No.	Name	Designation	Telephone Number
1.	Dr. Nawal Kishore	Professor & Chairperson	263176
2.	Dr. Devendra Mohan,	Professor	263386
3.	Dr. (Mrs.) Sneha Lata Goyal	Associate Professor	263382
4.	Dr. (Mrs.) Sujata Sanghi	Associate Professor	263385
5.	Dr. Ashish Agarwal	Associate Professor	263384
6.	Dr. Rakesh Dhar	Reader	263544
7.	Dr. (Mrs.) Neetu	Assistant Professor	263389
8.	Dr. Rajender Kundu	Assistant Professor	263185
9.	Sh. Jai Pal Singh (On Academic Leave)	Assistant Professor	263330
10.	Sh. Rajesh Punia (On Academic Leave)	Assistant Professor	263330
11.	Dr. David Joseph	Assistant Professor	263520
12.	Dr. Ajay Shankar	Assistant Professor	263524

3.5 HARYANA SCHOOL OF BUSINESS

Sr. No.	Name	Designation	Telephone Number
1	Dr. H.L. Verma	Professor	263199
2.	Dr. M.S. Turan	Professor	263163
3.	Dr. Harbhajan Bansal	Professor	263510
4.	Dr. (Mrs.) Usha Arora	Professor	263307
5.	Dr. S.C. Kundu	Professor & Director	263111
6.	Dr. B.K. Punia	Professor & Dean	263311
7.	Dr. N.S. Malik	Associate Professor	263370
8.	Dr. Karam Pal	Associate Professor	263329
9.	Dr. Mahesh Chand Garg	Associate Professor	263316
10.	Dr. Vinod Kumar	Associate Professor	263429
11.	Dr. Pardeep Gupta	Associate Professor	263374
12.	Dr. N.K. Bishnoi	Associate Professor	263174
13.	Dr. Ved Pal	Associate Professor	263346
14.	Dr. Anil Kumar	Associate Professor	263348
15.	Dr. (Mrs.) Shabnam Saxena	Associate Professor	263372
16.	Dr. Sanjeev Kumar	Associate Professor	263429
17.	Dr. Maithili R.P. Singh (On Deputation)	Reader	263540
18.	Dr. Tilak Sethi	Assistant Professor	263372
19.	Dr. Khujan Singh	Assistant Professor	263532

20.	Dr. (Mrs.) Anju Verma	Assistant Professor	263235
21.	Dr. (Mrs.) Deepa Mangla	Assistant Professor	9416396883
22.	Dr. Tika Ram	Assistant Professor	263374
23.	Dr.(Mrs.) Ubha Savita	Assistant Professor	263111
24.	Dr. Dalbir Singh	Assistant Professor	263534
25.	Dr. Suresh Mittal	Assistant Professor	263352
26.	Dr. (Mrs.) Shveta Singh	Assistant Professor	9896347080
27.	Dr. Rajiv Kumar	Assistant Professor	263374
28.	Ms. Sweta (On EOL)	Assistant Professor	9416929506
29.	Sh. Sanjay Singh	Training & Placement Officer	263143
30.	Dr. Sanjay Tiwari (On Deputation)	Assistant Professor	94166-28481

3.6 FACULTY OF MEDICAL SCIENCES

A. Department of Physiotherapy

Sr. No.	Name	Designation	Telephone Number
1.	Dr. D.C. Bhatt	Associate Professor & Chairperson	263169, 9896789938
2.	Ms. Shabnam Joshi	Assistant Professor	263541, 9729922466
3.	Mrs. Jaspreet Kaur	Assistant Professor	263541, 9896221262
4.	Sh. Kulandaivelan. S.	Assistant Professor	9996003995
5.	Dr. (Mrs.) Sarina Hasija	Senior Medical Officer (Health Centre)	263121
Teaching Supporting Staff			
6.	Mr. Pardeep Azad	Demonstrator	

B. Department of Applied Psychology

Sr. No.	Name	Designation	Telephone Number
1.	Dr. (Mrs.) Jyotsana	Associate Professor & Chairperson	263168
2.	Dr. Sandeep Singh	Assistant Professor	263368
3.	Dr. Rakesh Kumar Behmani	Assistant Professor	263377
4.	Dr. (Mrs.) Manju (on maternity leave)	Assistant Professor	263533

C. Department of Pharmaceutical Sciences

Sr. No.	Name	Designation	Telephone Number
1.	Dr. D.N. Mishra	Professor	263162
2.	Dr. Milind Parle	Professor	263324
3.	Dr. S.K. Sharma	Professor, Dean & Chairperson	263580
4.	Dr. D.C. Bhatt	Associate Professor	263379
5.	Dr. S.K. Singh	Associate Professor	263314
6.	Dr. (Mrs.) Neeru Vasudeva	Reader	263555
7.	Dr. Dinesh Dhingra	Assistant Professor	263582
8.	Dr. Munish Ahuja	Assistant Professor	263515
9.	Dr. Sunil Sharma	Assistant Professor	263333
10.	Dr. (Mrs.) Sumitra Singh	Assistant Professor	263554
11.	Dr. Sandeep Jain	Assistant Professor	263527
12.	Ms. Archana Kapoor	Assistant Professor	263315
13.	Ms. Meenakshi Bhatia	Assistant Professor	263188
14.	Sh. Sunil Kumar	Assistant Professor	263585
15.	Sh. Ashwani Kumar	Assistant Professor	263584



Chapter - 4

About the Departments/Courses Offered

4.1 FACULTY OF ENGINEERING & TECHNOLOGY

1. Department of Computer Science & Engineering

The Department of Computer Science and Engineering is a pioneering academic centre for education at undergraduate and post graduate level. The vision of the department is to strengthen India's excellence in the world of computer Engineering and its Applications. The main objective of the department is to prepare students for information technology industry, educational institutions and research organizations. Strong research groups exist in the area of Data Mining, Soft Computing, Ad hoc Mobile Networks, Software Engineering and Image Processing. The increasing number of good research publications in International Journals and Conference proceedings of great repute is a welcome sign of the growing research activities of the department, UGC has recognized the academic and research achievements of the department and covered it under its Special Assistance Programme (SAP). Several Faculty members are actively engaged in carrying out research projects funded by UGC. The students of the department are placed in top ranking Indian as well as global IT companies. To achieve its mission the department runs the following courses.

- (a) M.Tech. (Computer Science and Engineering)
- (b) Master of Computer Applications (MCA)
- (c) B.Tech. (Computer Science and Engineering)
- (d) B.Tech. (Information Technology)

2. Department of Printing Technology

Department of Printing Technology is one of the premier departments in the field of Printing Technology and Packaging Technology in India. It was established in the year 1996 with a motive to impart high quality teaching & practical exposure to the prospective students. Printing Technology is a matured field, where as Packaging

Technology is relatively a new concept and it is growing at 35% per annum in India, it is also projected to grow even more in coming years. State of art facilities are created in the department to provide complete practical exposure to the students along with summer trainings, industrial visits, live project work, seminar, workshops, conferences expert lectures are conducted at a regular interval of time. Placement of the students is one of the major plus point of the department and continuous efforts are carried out so that each student gets proper care and attention during the study tenure and even after completion of the course also. To achieve its mission the department runs the following courses.

- (a) M.Tech. (Printing Technology)
- (b) B.Tech. (Printing Technology)
- (c) B.Tech. (Printing & Packaging Technology)

3. Department of Electronics & Communication Engineering

- (a) M.Tech. (Electronics & Communication Engineering)

In today's global economic environment, engineers are required to play a vital role in bringing the prosperity to the nation. In this era of global village, the convergence of Electronics and Communication Technology is opening endless and exciting possibilities in almost every sphere of human activity. The wireless mobile phone along with Bluetooth technology has brought the world of information into a small pocket. Further, VLSI technology has miniaturized the world and empowered the human beings with latest technology at the most competitive prices.

The M.Tech. program in Electronics & Communication will cater the growing demands of technocrats in industry not only locally but also globally. There is huge potential for PG students in getting



placements and to grow themselves in the diverse field of Electronics & Communication which includes Microelectronics, VLSI design, Wireless & Optical communication, Advanced Digital Signal Processing, Embedded systems, etc.

(b) **B.Tech. (Electronics and Communication Engineering)**

The importance of Electronics & Communication system has already been recognized by the entire world. It has revolutionized the life of human beings. There is no other field of knowledge, which has affected our life so much as Electronics, in such a short period of time. It has created so many comforts, which no body could have imagined till a few years ago. The rate of growth in the field of electronics and communication engineering has been unprecedented and likely to grow more & more. Being an evergreen field, this has great potential to create technocrats to cater not only locally but globally.

4. **Department of Biomedical Engineering**

B.Tech. (Biomedical Engineering)

B.Tech. Biomedical Engineering Course at the degree level is comparatively a new field and is an emerging area in Health Care Industry. In the present era, health care sector has become highly technology oriented. Medical equipment and systems have become integral part of diagnosis and treatment of diseases. The role of Biomedical Engineer is to apply electrical, mechanical, chemical, electronics, instrumentation and other engineering principles to understand, modify, or control biological systems, as well as design and manufacture products that can assist in the diagnosis and treatment of the patients. GJUS&T is the pioneer in northern region to launch this 4 year course w.e.f. 2001-2002 with the sanctioned intake of 60 students per year, which includes fundamentals of Life Science, Biomedical Instrumentation, Bio-Signal Conditioning, Medical Imaging & Devices, Computing and Medical Signal processing etc. The aim of the Department is to promote global health through education & research that

bridges gap between medicine and engineering. The Department intends to provide best professionals in health services by training the coming generation with cultivation of leadership abilities and nurturing the integration of Science, Engineering and Medicine.

5. **Department of Mechanical Engineering**

(a) **M.Tech. (Mechanical Engineering)**

The goal of this M.Tech Course is to combine excellence and research with service to society. This will provide students with a balance of intellectual and practical experiences. This M.Tech. programme caters the need of various industries particularly aerospace, defence and scientific industries. With the introduction of this course, we can create the centre of excellence in the field of Mechanical Engineering. Students trained under this programme will be capable enough to take over the challenges related to the design and manufacturing of the sophisticated components required in aerospace, auto industry, defence etc.

(b) **B.Tech. (Mechanical Engineering)**

The Mechanical Engineering Department seeks to combine excellence in education and research with service to society. The goal of our academic program in Mechanical Engineering is to provide students with a balance of intellectual and practical experiences that enable them to address a variety of societal needs. We seek to produce future leaders for industry, academia, government, and society- leaders whose vision is founded upon fundamental knowledge, analytical skills, creativity, perspective and ethics.

4.2 FACULTY OF MEDIA STUDIES

1. **Department of Communication Management & Technology**

Reserving the global trend Indian Newspaper industry has registered an unprecedented growth of 20%. Today we have 80,000 registered Newspapers, around 1000 TV channels and radio is back to the centre stage. There is a

paucity of trained professionals in the media industry today. The department has been meeting this demand and has produced some of the finest media professionals since its establishment in 1993.

The department offers following three courses.

(a) M.Sc. Mass Communication

The course is tailored to enable the students work in Newspapers and Magazines, Radio, TV channels and video production houses, Advertising agencies, and Public Relations units of private, public and Government departments.

(b) M.Sc. Development Communication

It is a specialized form of Mass Communication. Apart from enabling the students to work in the above mentioned field students are specifically oriented to participate in nation building.

(c) Post Graduate Diploma in Defence Journalism

First in India and second in the world, this course is tailored to produce specialized journalists to process and report wars, conflicts and defence strategies.

2. Department of Advertising Management & Public Relations

(a) M. Sc. Advertising Management & Public Relations

Demand for trained and educated manpower in the field of Advertising & Public Relations has increased almost ten times during last one decade. The demand is further going to increase with the growth of the Indian economy and globalization of the markets. Advertising and Public Relations functions are today perceived as the system of Communication Management of the developed and developing societies. Advertising and Public Relations have also grown as academic disciplines because of the involvement of various knowledge systems of social sciences and also of art and craft. Young men & women with a comprehensive understanding of the sciences of communication along with the art and craft of persuasive and


mobilizing communication are required in large numbers. The Department of Advertising Management & Public Relations runs two year Master Degree course in Advertising Management and Public Relations, one year P.G. Diploma in Tourism PR and one year P.G. Diploma in Web Advertising & Animation. The students are given theoretical understanding of processes of persuasive communication and also trained to prepare and execute information and Advertising Campaigns. In the profession they work as Accounts Executive, Copy Writer, Media Planner, Visualiser, Information Officer, Corporate Communicator, Image Builder, Space Seller Consultants, Animator, Web Designers, Tourism PR Experts etc. Many of them establish their own entrepreneurs on commercial basis.

(b) P.G. Diploma in Tourism PR

With a sudden boom in the tourism business in India the need for Tourism PR professionals has also increased. Catering to the needs of tourism industry, the course would through a deep insight into the subjects like tourism product, tourism marketing, travel agency & tour operation business, mgt. principles & the like. The course would give a comprehensive view of tourism-as an activity, as a process & as a concept. The study includes the approaches towards marketing in the service industry & pertinent marketing strategies. The course would introduce the learner to the role & importance of effective communication in tourism business. Public Relations principles & tools would be covered for better understanding through field trips. Tourism in India as at its all time high, evident from the "Incredible India Campaign" or "Atithi Devo Bhav" featuring Amir Khan. After passing the course the students would be absorbed by growing tourism industry.

(c) P.G. Diploma in Web Advertising & Animation

Advertisements are omnipresent. Be it any media print, electronic or out-door, you are surrounded by colourful, flashy, catchy ads, With the technological advancement, internet advertising has taken a new step toward in the form of Web Advertising. Banner Ads, Micro sites, pop-ups, interstitials are very common when one



browse through the Web. Likewise Animation rumbles up the world and it is the booming essence of the time. The boom in the arena of animation has affected all the segments in the genre. Presently it has explored the world of Advertising, entertainment and Websites. There is a variety of opportunities for innovative, fast-paced and collaborative mind. The biggest consumer of computer animation is the advertisement industry. From low and title scrolls to high and visual effects or TV commercials, it is animation all the way. The course covers various aspects related to Web Advertising & Animation and would place the students in the most profitable business at this time i.e. advertising.

4.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

1. Department of Environmental Science & Engineering

The Department of Environmental Science and Engineering caters to the goal of university enshrined in its preamble which reads as, 'to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of technology, Environmental Studies, Non-Conventional Energy Sources, Pharmacy and Management Studies and also to achieve excellence in these and connected fields'. The department has an innovative, dynamic and flexible course curriculum in which students have choice to select the courses of their interest and undertake research projects. The vision, mission and objectives of the department are to pursue excellence, to achieve sustainable development, to impart training for capacity building to tackle various environmental challenges in an eco-friendly manner, to offer professional and job-oriented course curricula, to strengthen R&D activities and to offer consultancy and extension activities to stakeholders. The faculty members are engaged in research in the frontier areas of science and technology. There are a number of R and D projects supported by various government agencies being implemented in the department. Students are provided with

enabling ambience and environment that promotes culture, sports, societal contributions, art, self-governance and human values.

(a) M.Tech. (Environmental Science & Engineering)

The courses, approved by AICTE and accredited by NBA and is also inducted under Technical Education Quality Improvement Programme (TEQIP) of World Bank and provides enormous opportunities to the students for achieving technical and practical excellence through academic networking with reputed institutes, regular workshops, seminars, industry visits and collaborative research. This programme has specially been designed with an integrated approach involving the latest advances in Physical Sciences, Biological Sciences and Engineering to deal with environmental problems and their remediation.

(b) M.Tech. (Geo-Informatics)

The fast-emerging technologies of Remote Sensing, Geographic Information System (GIS), Global Positioning System (GPS) and Information and Communication Technologies (ICT) have converged into a discipline with its own research base known as Geo-Informatics. The technology helps in acquiring information about the earth and its resources in spatial format and help in analyzing large datasets. To cater to the fast-increasing demand of trained manpower in the field of Geo-informatics, both for public and private sectors, the Department of Environmental Science & Engineering has started a new two-year M.Tech. in Geo-informatics, in collaboration with Haryana Space Application Centre (HARSAC), Department of Science & Technology, Government of Haryana, Chandigarh. In which admission, conduct of examinations and award of degree would be done by GJUS&T, Hisar and the classes & practicals would be conducted by HARSAC, CCS Haryana Agricultural University, Hisar.

(c) M.Sc. (Environmental Sciences)

The two-year M.Sc. course in Environmental Sciences is aimed at building a strong theoretical base in

every aspect of environment, providing intensive practical training on modern instrumentation and analytical techniques and developing problem solving and research skill in the students.

2. Department of Bio & Nano Technology

Department of Bio & Nano Technology offers three Masters courses in M.Sc. Biotechnology, M.Sc. Industrial Microbiology and M.Tech. nano Science & Technology as well as two Ph.D. Programs in Biotechnology and Nano Science & Technology. The Department aims to generate trained manpower in the areas of Biotechnology, Industrial Microbiology and Nano Science & Technology and attempts to integrate research and teaching to harness maximum potential and has emerged as a centre of excellence in imparting quality teaching and training at Post-graduate level and propagating research activities in diverse field of this important science. Such a course will not only equip the student with sound knowledge and expertise in these areas but will also create avenues for research and job opportunities in future and for self-employment. Department is equipped with ultra modern equipments with state of the art laboratory facilities and has dedicated faculty engaged in the genetic improvement of Industrially, Agriculturally and medicinally important Plant & Microbes through recombination DNA technology as well as in understanding Genetic diversity using DNA based Molecular markers techniques. Development of Nano Biosensors and synthesis, application and toxicological studies of Nano materials is being rigorously pursued. Department has excellent Bioinformatics facility with financial assistance under GIST Program, BIF Program from the Department of Science and Technology, Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi as well as SAP DRS-I Program from University Grants Commission, New Delhi.

A two year (four Semesters) M.Sc. Biotechnology Program is sponsored by the Department of Biotechnology, Ministry of Science and Technology, Govt. of India, New Delhi. Students have to undergo a 14 to 16 weeks of

Investigation Problem during the 4th semester which forms an integral part of the program major thrust being on research areas pertinent to Plant Biotechnology & Food Biotechnology. Each of the enrolled students under DBT sponsored seats is eligible for monthly stipend as per DBT guidelines. A two year (four Semesters) M.Sc. Industrial microbiology Program is offered for imparting quality education for commercial exploitation of Microorganisms for the production of value added products and services. A two-year (four Semesters) M.Tech. Program is specially designed to impart quality teaching and consultative research in Nano Science & Technology. The M.Tech. Program is sponsored by Department of Science & Technology, Ministry of Science and Technology, Govt. of India, New Delhi. Only eligible students will receive monthly Student Fellowship @ Rs. 8000/- per month or as per DST guidelines.


3. Department of Food Technology

(a) M.Tech. (Food Engineering)

There is vast opportunity ahead in food processing sector in the country. To meet the growing demands of food processing industry for technical personnel, the Department of Food Technology at this University has started M.Tech. (Food Engineering) course from the academic session 2007-08. The objective of this programme is to train the best talents of the nation in order to provide a support base for the country's food security. The syllabus is so framed as to enable the students to comprehend the whole gamut of the fast changing food science scenario of the world.

(b) M.Sc. (Food Technology)

The Department offers M.Sc.(Food Technology) course to support the growing demand of food industries for qualified human resources. A background in the science is a prerequisite to seek admission to the post-graduate course. During the course, the students learn about the different aspect of food in the field of food engineering, food packaging, cereals, pulses, oilseeds technology, fruit & vegetable



technology, animal product technology, food biochemistry, nutritional evaluation, microbiology, quality control & safety. In-plant training of about 6 weeks is an integral part of the course curriculum. During training, the students are exposed to real business environment by making them proficient in communication, computer & managerial skills.

(c) **B.Tech. (Food Engineering)**

Food engineering program offers a unique education that blends engineering analysis with knowledge of food material characteristics for the design and development of processes and equipment to produce safe, nutritious, and wholesome foods. Food engineering is a multidisciplinary program which combines science, microbiology, and engineering education to prepare students for exciting careers in food and related industries. Food engineers are involved in production of value-added food products and in the research and development of new products and processes. The B.Tech (Food Engineering) programme is designed to train the students to cater the need of food industry sector. The students trained under this programme will be competent to manage effectively and efficiently any challenge linked to design, development and manufacturing of processes and equipment related to production of safe, delicious & nutritious foods.

4.4 FACULTY OF PHYSICAL SCIENCES

1. **Department of Chemistry**

(a) **M.Sc. Chemistry**

The M.Sc. Chemistry course has been designed with the aim of fulfilling the demands of trained human resource to give thrust to ever increasing chemical industry and related fields. The department has adopted the UGC Model Curriculum for this course, to enable its students to be absorbed in various institutions in the country and abroad. The group discussion, seminar etc. are essential components of this course to enhance understanding of subject in depth to tackle problems independently and to

adapt them to accept the new challenges in the thrust area in present scenario. Apart from course curriculum, annual science quiz, extension lecturers, industrial visit, workshop and interaction with industry person are other important activities of the department. Successful students become professionally skilled and capable of being absorbed in academics, R&D, chemical industry, research institutions etc.

(b) **P.G. Diploma in Pigment and Paint Technology**

Under the UGC innovative programme scheme the department has started one year PG Diploma in Pigment & Paint Technology (PGDPPT), is a specialized technical course. The course content has been devised in consultation with the Paint Industries & Technical institutions running this course. The aim of this unique course is to produce skilled technocrats for the paint industries which is a fast upcoming due to infrastructure development of the country. The Students will have a excellence job potential in automotive sector, textiles, real estate, decorative painting and paint industries.

2. **Department of Mathematics**

M.Sc. (Mathematics)

Mathematics is a pioneer subject which finds applications in all fields of Science and Technology. The Department offers M.Sc. Course at post graduate level and Ph.D. programme for doctoral research. The students of our Department get absorbed in teaching & research programme in educational institutions and also in R&D wings of Industrial establishments. The courses taught in M.Sc. Programme include Analysis, Topology, Differential Equations, Mechanics, Integration Theory, Integral Equations, Differential Geometry, Algebra, Discrete Mathematics, Mathematical Methods, Computer Programming etc. The Department is having a well equipped Computing Lab. The Department conducts workshops/ conferences/ seminars for the proper grooming of students from time to time.

3. Department of Applied Physics

(a) M.Tech. (Optical Engineering)

Optical Engineering is an emerging high technology field all over the world. It has its spread in the areas of pure optics, astronomical optics, non linear optics, laser Engineering, biomedical optics, fiber optics communication and photonics. It finally merges with other high technology branches like MEMS and VLSI. All research branches have either optics or laser as a basic component and our M.Tech. course is a comprehensive course which gives hands on training for students in the fabrication of lenses and prisms. M.Tech. in optical engineering is being offered only in GJUS&T and this course will provide trained man power in this area for the country. The department has modern thin film technology facility which is the ion assisted coating plant with all other necessary equipments like SEM, XRD, Ellipsometer and Spectro photo-meter for over all characterization of thin films. It also has high expertise in synthesis of all technologically advanced glasses and is expected to emerge as a major centre for advanced optical research.

(b) M.Sc. (Physics)

The Department offers M.Sc. Physics Programme which caters to the needs of ever increasing application oriented world of today. The programme comprises Condensed Matter Physics & Materials Science, Laser Physics that forms a major tool for determining electronic structures starting from biomolecules, non-linear optical materials to organic dyes; and Opto-Electronics, Fiber optics communication and its marriage with laser science is also a recurring theme of the present course. Recently a course on 'Radiation Physics' has also been introduced as an elective paper along with laboratory work. The syllabi/curricula for the same have been formulated in consultation with Health Physics Division of BARC Mumbai and Radio Ecology Centre of our University. Laboratories are equipped with the modern experimental set up. Project work is essential component of curriculum for M.Sc. (Physics) students in fourth semester.

4.5 HARYANA SCHOOL OF BUSINESS

To leverage the synergistic capabilities of two separate but interdependent departments namely the Department of Business Management and Department of Business Economics, Haryana School of Business has been formed. The professionally competent and experienced faculty presents an ideal mix of senior and young academicians. It is further reinforced by many visiting Professors from diverse academic and professional institutes of repute in the field. In the short span of a decade of existence, the Faculty has earned the good reputation in the field of management education. Majority of the teachers are engaged in research activities and have attained national and international exposure by way of publication and participation in national and international seminars and conferences. The School is committed to idea of setting up higher academic standards and compete with the best business schools not only in the country but also worldwide. It is, therefore, the University and the State Government of Haryana have decided to further strengthen the Faculty of Management Studies by way of upgrading its status and infrastructure facilities in the name of Haryana School of Business so that all stakeholders in the respective domains of management education draw the benefit of synergy.

(a) Master of Business Administration

The MBA is a highly prestigious management course of modern times and prepares the participants for taking up middle and top level challenging executive assignments in private and public sectors. Accordingly, they are imparted adequate conceptual knowledge and practical training in various functional areas of management comprising Finance, Marketing, Human Resource Development, Information Technology, International Business and Business Analytics. MBA at HSB is a two years programme divided into four semesters. The specializations are offered after 2nd semester on the basis of merit. The MBA programme involves intensive involvement of the students so as to groom them as world class executives.

(b) **Master of Business Administration (Evening)**

MBA (Evening) is a 3 year Master's Programme that caters to the needs of working executives. The programme aims at enriching the conceptual repertoire of working professionals especially those who possess the will of continuous learning. Specializations are offered to MBA Part-Time (Evening) students in different areas of management so that the candidates may avail best management education pertaining to their respective areas of working. The course is in great demand because of very convenient study hours and low fee structure.

(c) **M.Com.**

Master of Commerce is a 2 year programme that caters to the needs of commerce graduates who foresee their career in teaching, research and extensions fields. The Programme is divided in to Four semesters and specialization is offered from 3rd semester onwards. The student's activities are centre focus of the programme.

4.6 FACULTY OF MEDICAL SCIENCES

1. Department of Physiotherapy

The department offers four and half year Bachelor of Physiotherapy degree course as well as two year Master's degree as under:-

- (a) Master of Physiotherapy (Musculoskeletal Disorders)
- (b) Master of Physiotherapy (Sports Physiotherapy)
- (c) Master of Physiotherapy (Neurological Disorders)
- (d) Master of Physiotherapy (Pediatric Physiotherapy)
- (e) Bachelor of Physiotherapy

2. Department of Applied Psychology M.Sc. (Applied Psychology)

In recent years Psychology has emerged as one of the most important and leading discipline. M.Sc. (Applied Psychology) is a Master's degree programme of professional nature oriented towards opening the new vistas of career in diverse fields.

3. Department of Pharmaceutical Sciences

(a) B. Pharm (Bachelor of Pharmacy)

The B.Pharm. degree is an eight semester (Four Year) programme, and the syllabus has been designed to cover all aspects of Pharmaceutical Sciences with an aim to provide students with both theory and practical training, in order to enable them to be ideally suited to pharmaceutical industry and health care system. The Department aims at imparting quality pharmacy education to the students through the state of the art technology so as to equip them to meet the growing global opportunities in Pharmaceutical and Health care sector. Ample opportunities exist in the field of Drug industry, Research & development. Drug control department, academic, Marketing and sales, etc.

(b) M.Pharm. (Pharmaceutical Chemistry, Pharmaceutics, Pharmacology and Pharmacognosy)

The M.Pharm degree is a four semester programme. In the first two semesters, the students are required to study all the papers prescribed, while the last two semesters are devoted entirely to research work. The course has been structured to make the students capable of facing the challenges in the industry. Experienced staff members train the students in well equipped laboratories at their disposal. Pharmaceutical Chemistry section is engaged in research including synthesis and/or analysis of new, more potent, cheaper and safe drug molecules. Pharmaceutics section is involved in the development of drug delivery systems and product development of pharmaceutical dosage forms. Research projects in the field of Biopharmaceutics and Pharmacokinetics are also being taken up. Pharmacology section conducts research in psychopharmacology, metabolic disorders and exploring the pharmacological potential of medicinal plants. The main areas of research in Pharmacognosy are standardization, Isolation, characterization and identification of phytoconstituents along with biological screening of extracts/ phytoconstituents and development of herbal formulations.

Chapter - 5

Eligibility Conditions

The candidates possessing the following qualifications only are eligible for admission for the respective courses:-

5.1 FACULTY OF ENGINEERING & TECHNOLOGY

1. Department of Computer Science & Engineering

M.Tech. (Computer Science & Engineering)

4 Semesters

B.E./B.Tech. or equivalent degree in Computer Engineering/ Computer Science & Engineering/ Computer Technology/ IT with at least 55% (50% for SC Candidates of Haryana) marks along with valid GATE score

OR

MCA or M.Sc. (CS/IT/Software) with at least 55% (50% for SC candidates of Haryana) marks with mathematics at 10+2 level along with valid GATE Score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (CSE).
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.
3. Scholarship will be admissible to first 10 candidates admitted with valid GATE score subject to the receipt of Scholarship from the AICTE/ Government..
4. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

2. Department of Printing Technology

M.Tech. (Printing Technology) -4 Semesters

B.E./ B.Tech. degree in Printing Technology/ Packaging Technology , B.Tech. (Printing & Packaging

Technology) and B.Tech. (Printing, Graphics & Packaging) with at least 55% (50% for SC Candidates of Haryana) marks or equivalent with valid GATE score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Printing Technology) .
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.
3. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

3. Department of Electronics & Communication Engineering

M.Tech. (Electronics & Communication Engineering)

4 Semesters

B.E./ B.Tech. degree in Electronics Engineering/ Micro Electronics/ Electronics and Communication Engineering / Electronics & Instrumentation Engineering / Electronics & Telecommunication Engineering / Electronics & Control/ Electrical & Electronics with at least 55% (50% for SC Candidates of Haryana) marks or equivalent with valid GATE score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Electronics & Communication Engineering) .
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.

3. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

4. Department of Mechanical Engineering

M.Tech. (Mechanical Engineering)

4 Semesters

B.E./ B.Tech / AMIE in Mechanical Engineering/ Production Engineering/ Automobile Engg. with at least 55% (50% for SC Candidates of Haryana) marks with valid GATE score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Mechanical Engineering).
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.
3. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

5.2 FACULTY OF MEDIA STUDIES

1. Department of Communication Management & Technology

- (a) M.Sc. Mass Communication –4 Semesters
- (b) M.Sc. Development Communication-4 Semesters
- (c) P.G. Diploma in Defence Journalism -2 Semesters

Graduate in any discipline with atleast 50% marks.

2. Department of Advertising Management & Public Relations

- (a) M.Sc. Advertising Management & PR –4 Semesters
- (b) P.G. Diploma in Web Advertising & Animation-2 Semesters

(c) P.G. Diploma in Tourism PR -2 Semesters
Graduate in any discipline with at least 50% marks.

5.3 FACULTY OF ENVIRONMENTAL AND BIO SCIENCES & TECHNOLOGY

1. Department of Environmental Science & Engineering

(a) M.Tech. (Environmental Science & Engineering) -4 Semesters

M.Sc. Environmental Sciences or M.Sc. Industrial Chemistry/ Chemistry or M.Sc. Applied Physics/ Physics, All Life Sciences or B.E./B.Tech. or equivalent degree in Mechanical/ Chemical/ Electrical/ Civil/ Agricultural Engineering/ Biomedical Engineering with at least 55% (50% for SC Candidates of Haryana) marks and valid GATE score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Environmental science & Engineering) .
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.
3. Scholarship will be admissible to first 10 candidates admitted with valid GATE score subject to the receipt of Scholarship from the AICTE/ Government..
4. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

(b) M.Tech. (Geo-Informatics) -4 Semesters

M.Sc. Earth Science/ Environmental Sciences/ Agrometeorology/ Agronomy/ Soil/ Physics/ Geophysics/ Applied Geology/ Mathematics/ Remote Sensing/ Computer Sciences/ IT/ Software/ Geology/ Oceanography/ Urban and Regional Planning/ Geography (MA/ M.Sc.)/ MCA/B.E./ B.Tech. in Civil/ I.T./ Electronic & Communication/ Computer/ Mechanical Engg./ Agricultural

Engg./ Electrical Engineering/ Electronic and Electric Engg. with at least 55% marks in qualifying exam. (50% for SC/ST candidates of Haryana).

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Geo-informatics) .
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.
3. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

(c) M. Sc. (Environmental Sciences) -4 Semesters
B.Sc./B.Sc.(Hons.) Degree or its equivalent with atleast 50% marks in aggregate.

2. Department of Bio & Nano Technology

(a) M.Tech. (Nano Science & Technology)
-4 Semesters
B.Tech./ B.Pharma./ M.Sc. in Biotechnology, Biochemistry, Molecular Biology, Biomedical, Electronics, Electrical, Computer Science, Mechanical, Physics, Chemistry, Materials Science, Life Sciences with at least 55% (50% for SC Candidates of Haryana) marks or equivalent with valid GATE score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Nano Science & Technology) .
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter -7.
3. Candidates admitted with valid GATE score may be provided student fellowships @ Rs. 8000/- per month as per DST Guidelines.

4. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

(b) M.Sc. (Biotechnology) -4 Semesters
Graduate in any discipline of Biological Science/ Agricultural Science/ Veterinary Science/Fishery Science/ Pharmacy/ Engineering/ Technology or Medicine (MBBS) OR B.D.S. with at least 50% marks (pass marks for SC Candidates of Haryana).

(c) M.Sc. (Industrial Microbiology) -4 Semesters
Graduate in any discipline of Biological Sciences/ Agriculture Sciences/ Pharmacy with at least 50% marks in aggregate.

3. Department of Food Technology

(a) M.Tech. (Food Engineering) -4 Semesters
B.Tech. (Food Engineering/ Food Process Engineering/ Food Technology/Dairy Technology/ Dairy Engineering/ Agri Process Engineering)/ Biotechnology with at least 55% (50% for SC candidates of Haryana) marks and valid GATE score.

OR

M.Sc. (Food Technology/ Food Science and Technology/ Food processing and Technology)/ Biotechnology with at least 55% (50% for SC candidates of Haryana) marks and valid GATE score.

Note:

1. Preference will be given to GATE candidates with valid Gate Score for admission to M.Tech. (Food Engineering) .
2. If seats still remain vacant, same would be filled up on the basis of score in entrance test and percentage of marks in qualifying examination plus weightage of Sports, if any as per criteria given in Chapter-7.
3. Candidates without valid GATE score / not appeared in GATE will have to appear in entrance test to be conducted by the department as per syllabus given in the Prospectus.

(b) M.Sc. (Food Technology) -4 Semesters
Graduate in any discipline of Science/
Engineering/ Technology with at least 50% marks
aggregate.

5.4 FACULTY OF PHYSICAL SCIENCES

1. Department of Chemistry

(a) M.Sc. (Chemistry) -4 Semesters
B.Sc.(Hons.) in Chemistry or Industrial Chemistry
with atleast 50% marks or B.Sc. (Pass) with atleast 50%
marks in aggregate with Chemistry as one of the subjects.

(b) P.G. Diploma in Pigment & Paint Technology
- 2 Semesters
M.Sc. Chemistry/ Industrial Chemistry/ Chemical
Engg., M.Sc. Material Science, B.E./ B.Tech. Chemical
Engg., B.E./ B.Tech. Polymer Technology with 55% marks
(50% for SC candidates of Haryana).

2. Department of Mathematics

M.Sc. (Mathematics) -4 Semesters
B.A.(Hons.)/B.Sc.. (Hons.) in Mathematics with
atleast 50% marks

OR

B.A./B.Sc. with atleast 50% marks in aggregate
with Mathematics as one of the subjects.

3. Department of Applied Physics

(a) M.Tech. (Optical Engineering) -4 Semesters
B.E./ B.Tech. Degree in Electronics Engineering /
Electronics & Communication Engineering / Electronics &
Instrumentation Engineering / Electronics and Electrical
Engineering/ Mechanical Engineering/ Computer Science &
Engineering / Information Technology with at least 55%
(50% for SC Candidates of Haryana) marks or equivalent
with valid GATE score.

OR

M.Sc. (Electronics/ Electronic Science)/ M.Sc.
(Physics/ Applied Physics) with 55% (50% for SC

Candidates of Haryana) marks or equivalent with valid
GATE score.

Note:

1. Preference will be given to GATE candidates with valid
Gate Score for admission to M.Tech. (Optical
Engineering) .
2. If seats still remain vacant, same would be filled up on
the basis of score in entrance test and percentage of
marks in qualifying examination plus weightage of
Sports, if any as per criteria given in Chapter-7.
3. Candidates without valid GATE score / not appeared in
GATE will have to appear in entrance test to be
conducted by the department as per syllabus given in
the Prospectus.

(b) M.Sc. (Physics) -4 Semesters
B.Sc.(Hons.) in Physics with atleast 50% marks or
B.Sc. with atleast 50% marks in aggregate with Physics as
one of the subjects.

5.5 HARYANA SCHOOL OF BUSINESS

A separate Admission Brochure for admissions to
all three regular courses will be issued by the Haryana
School of Business and Admission to MBA programme will
be made on the basis of inter-se-merit of CAT. For MBA
(Evening) and M.Com. Programme, there will be Entrance
Test for admission as per University rules. Eligibility
conditions will be as given in separate prospectus.

(a) Master of Business Administration (MBA) -4
Semesters

- (i) Any Graduate with 50% marks (45% marks in case of
SC category) from the recognized university OR Fellow
of ICSI/ICAI/ICFAI/ICWAI/ Similar Body.
- (ii) The admission shall be made on the basis of CAT score
(minimum 30).

(b) Master of Business Administration (MBA
Evening) -6 Semesters

Graduate in any discipline with one year full time
working experience after completion of graduation.

(c) M.Com.-4 Semesters
Graduate in Commerce/ Management/ Economics with 50% marks (45% in case of SC of Haryana) from any recognized University.

5.6 FACULTY OF MEDICAL SCIENCES

1. Department of Physiotherapy

- (a) Master of Physiotherapy (Musculoskeletal Disorders)-4 Semesters
- (b) Master of Physiotherapy (Sports Physiotherapy) - 4 Semesters
- (c) Master of Physiotherapy (Neurological Disorders) -4 Semesters
- (d) Master of Physiotherapy (Pediatric Physiotherapy) - 4 Semesters

Bachelor of Physiotherapy (four and half year course) with at least 55% marks (50% for SC candidates of Haryana) from GJUS&T, Hisar or examination recognized as equivalent by GJUS&T, Hisar and should have also completed their Six Months Compulsory Internship from a recognized Institution/Hospital.

- (e) Bachelor of Physiotherapy-8 Semesters & 6 Months compulsory Internship.

Qualified 10+2 examination with pass marks in Biology, Physics, Chemistry and English from Board of School Education, Haryana or examination recognised as equivalent thereto by Guru Jambheshwar University of Science & Technology, Hisar.

2. Department of Applied Psychology

M.Sc. (Applied Psychology) -4 Semesters
Graduate in any discipline with atleast 50% marks in aggregate.

3. Department of Pharmaceutical Sciences

- (a) M. Pharm. (Pharmaceutical Chemistry) - 4 Semesters
- (b) M. Pharm. (Pharmaceutics)-4 Semesters
- (c) M. Pharm. (Pharmacology)-4 Semesters

- (d) M. Pharm. (Pharmacognosy)-4 Semesters
B.Pharm with atleast 55% (50% for SC Candidates of Haryana) marks.

Admission will be based on valid GPAT merit. When sufficient GPAT qualified candidates are not available, admission may be given to non-GPAT candidates on academic merit of qualifying examination i.e. Bachelor of Pharmacy/Bachelor of Pharmaceutical Sciences only.

Note: Fellowship is available to first 30 candidates with valid GPAT score {Pharmaceutics:10, Pharmaceutical Chemistry:10, Pharmacology 5 and Pharmacognosy: 5} subject to the receipt of fellowship from AICTE.

Other Important information/ notes related to Eligibility/admission:

1. The candidates having supplementary/ compartment/ reappear in the qualifying examination shall not be allowed admission to any course in the University Teaching Departments.
2. Scheduled Caste Candidates of Haryana seeking admission to courses will be required to obtain minimum pass marks in the qualifying examination, except mentioned otherwise with respect to some course (s) such as (except M.Tech., M.Pharm. Master of Physiotherapy, P.G. Diploma in Pigment and Paint Technology, MBA, M.Com. etc..
3. The following examinations are recognised for the admission to relevant courses in the University:
 - (i) 10+2 examination of C.B.S.E., New Delhi, Council for Indian School Certificate Examinations, New Delhi, Board of School Education, Haryana, State Council for Vocational Education, Haryana, Other Statutory Boards of the States/Union Territories.
 - (ii) Graduate and Post-Graduate Degrees of all Indian Universities, Deemed Universities, Institutions of National Importance which are on the list of University Grants Commission.
 - (iii) All examinations of foreign Universities, Boards, Examination Bodies, which have been recognized by the Association of Indian Universities.

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- (iv) Diploma in Pharmacy Examination conducted by Boards of Technical Education and various Universities in India, recognized by the Pharmacy Council of India.
- (v) Diploma Courses in Engineering and Technology approved by State Boards of Technical Education.
- (vi) The candidates passing qualifying examination from National Open School.
- (vii) One-sitting Bachelor's Degree programme upto the year 1995-96 from a recognized University.
- (viii) M.A./M.Com./M.Sc. (one sitting) upto June, 1999 from a recognized University.
4. Recognition of the qualifying examination is subject to the fulfillment of eligibility conditions of each course which are given above and is in the provisions of the relevant Ordinances.
5. No candidate, admitted to a course, shall be allowed to appear in the University examination (Major Tests) unless he/she has completed at least 75% of the lectures in aggregate of each paper, seminar, case discussion, field trips, tutorials, etc. and not less than 50% in any one of these.
6. If a student is absent from the classes continuously for fifteen days without intimating to the Chairperson / Incharge of the Department, his/her name shall be removed from the Department's roll. He/she may be allowed re-admission by the Chairperson on payment of a fee of Rs. 500/- taking into consideration the possibility of fulfilling the requirement of attendance to be eligible to appear in the end semester examinations. For the students detained for entire semester/ session the prescribed full fee will be charged in addition to re-admission fees.
7. Admissions to all B.Tech. programmes admission shall be made through on-line counseling by the Haryana State Counseling Society, Panchkula on the basis of AIEEE-2011 rank.
8. Admission to MCA shall be made through on-line counseling by the Haryana State Counseling Society, Panchkula on inter-se-merit of OLET (MCA-2011) to be conducted by HSCS, Panchkula.
9. Admission to B.Pharm. shall be made through on-line entrance test OLET-2011 to be conducted by the Haryana State Counseling Society, Panchkula.
10. Admission to Lateral Entry to 2nd year (LEET) of B.Tech. and Bachelor of Pharmacy shall be made on-line entrance test to be conducted by Haryana State Counseling Society, Panchkula.

Chapter - 6

Syllabi/Course Contents for Entrance Tests

6.1 Common Entrance Tests for courses of Group-I & Group-II:

There will be two common entrance tests, one for Group-I (Common for courses of Group-I) and the other for Group-II (Common for courses of Group-II) as detailed below:-

GROUP-I

- (i) M.Sc. Applied Psychology
- (ii) M.Sc. Development Communication
- (iii) M.Sc. Advertising Management & PR
- (iv) M.Sc. Mass Communications
- (v) P.G. Diploma in Web Advertising & Animation
- (vi) P.G. Diploma in Tourism PR
- (vii) P.G. Diploma in Defence Journalism

The syllabi and course contents for the entrance test will consist of following four components having equal weightage:-

- (i) English Comprehension
- (ii) General knowledge
- (iii) Numerical Ability
- (iv) Reasoning

GROUP-II

- (i) M.Sc. Chemistry
- (ii) M.Sc. Physics
- (iii) M.Sc. Mathematics
- (iv) M.Sc. Biotechnology
- (v) M.Sc. Environmental Sciences
- (vi) M.Sc. Food Technology
- (vii) M.Sc. Industrial Microbiology
- (viii) P.G. Diploma in Pigment & Paint Technology

The syllabi and course contents for the entrance test will consist of following four components having equal weightage:-

- (i) English Comprehension
- (ii) Numerical Ability
- (iii) Reasoning
- (iv) Basic knowledge of General Science

6.2 M.Tech. (Computer Science & Engineering)

Engineering Mathematics (10%)

Mathematical Logic, Set Theory & Algebra, Combinatorics, Graph Theory, Linear Algebra, Numerical Methods, Calculus.

Theory of Computation (20%)

Formal Languages and Automata Theory: Regular languages and finite automata, Context free languages and Push-down automata, Recursively enumerable sets and Turning machines, Un-decidability;

Analysis of Algorithms and Computational Complexity


Asymptotic analysis (best, worst, average case) of time and

space, Upper and lower bounds on the complexity of specific problems, NP-completeness.

Computer Hardware (30%)

Digital Logic: Logic functions, Minimization, Design and synthesis of Combinational and Sequential circuits; Number representation and Computer Arithmetic (fixed and floating point);

Computer Organization: Machine instructions and addressing modes, ALU and Data-path, hardwired and micro-programmed control, Memory interface, I/O interface (Interrupt and DMA mode), Serial communication interface, Instruction pipelining, Cache, main and secondary storage.



Software Systems(40%)

Data structures: Notion of abstract data types, Stack, Queue, List, Set, String, Tree, Binary search tree, Heap, Graph;

Programming Methodology: C programming, Program control (Iteration, Recursion, Functions), Scope, Binding, Parameter passing, Elementary concepts of Object oriented, Functional and Logic Programming;

Algorithms for problem solving: Tree and graph traversals, Connected components, Spanning trees, Shortest paths; Hashing, Sorting, Searching, Design techniques (Greedy, dynamic Programming, Divide-and-conquer),

Compiler Design : Lexical analysis, Parsing, Syntax directed translation, Runtime environment, Code generation, Linking (static and dynamic), Operating Systems, Classical concepts (concurrency, synchronization, deadlock), Processes, threads and Inter-process communication, CPU scheduling, Memory management, File systems, I/O systems, Protection and security.

Databases : Relational model (ER-model, relational algebra, tuple calculus), Database design (integrity constraints, normal forms), Query languages (SQL), File structures (sequential files, indexing, B+ trees), Transactions and concurrency control;

Computer Networks : ISO/OSI stack, sliding window protocol, LAN Technologies (Ethernet, Token ring), TCP/UDP, IP, Basic concepts of switches, gateways, and routers.

6.3 M.Tech. (Printing Technology)

Introduction to Printing Processes, Technology of Typography & Typesetting, Printers Science, Computer Application in Printing, Graphic Design, Design & Planning for Print Production, Flexography, Printing materials, Electronic composition, Reproduction technology, Gravure technology, Offset technology, Printing Image Generation-

I, Print finishing, Printing substrates, Printing Ink technology, Entrepreneurship development, Quality control, Packaging technology, Printers costing & estimating, Digital printing, Plastic and polymers, Packaging machineries, Ancillary materials in packaging.

6.4. M.Tech. (Electronics & Communication Engineering)

Networks : Network graph : matrices associated with graph; incidence, fundamental circuit matrices. Solution method: nodal and mesh analysis. Network theorems: superposition, Thevenin and Norton's, maximum power transfer, Wye- Delta transformation. Steady state sinusoidal analysis using phasors. Linear constant coefficient differential equation; time domain analysis of simple RLC circuit. Solution of network equations using Laplace transform: frequency domain analysis of RLC circuits. 2-port network parameters: driving point and transfer functions. State equations for networks.

Electronic Devices: Energy bands in silicon, intrinsic and extrinsic silicon. Carrier transport in silicon: diffusion current, drift current, mobility and resistivity. Generation and recombination of carriers. P-n junction diode, Zener diode, tunnel diode. BJT, JFET, MOS capacitor, MOSFET, LED, P-i-N and avalanche photo diode, Basics of LASERS. Device technology: integrated circuits fabrication process, oxidation, ion implantation, photolithography, n-tub, p-tub and twin-tub CMOS process.

Analog Circuits : Small Signal Equivalent circuits of diodes, BJTs, MOSFETs and analog CMOS. Simple diode circuits, clipping, clamping, rectifier. Biasing and bias stability of transistor and FET amplifiers. Amplifiers: single and multi-stage, differential and operational, feedback and power. OPAMP and its applications, Frequency response of amplifiers. Simple op-amp circuits. Filters. Sinusoidal oscillators; criterion for oscillation; single-transistor and op-amp configurations. Function generators and wave-shaping circuits, 555 Timers. Power supplies.

Digital Circuits : Boolean algebra, minimization of Boolean functions; logic gates; digital IC families (DTL, TTL, ECL, MOS, CMOS). Combinatorial circuits, code converters, multiplexers, decoders, PROMs and PLAs. Sequential circuits: latches and flip-flops, counters and shift-registers. Sample and hold circuits. ADCs, DACs. Semiconductor memories. Microprocessors (8085 and 8086): architecture, programming, memory and I/O interfacing.

Signals and Systems : Definitions and properties of Laplace transform, continuous-time and discrete-time Fourier series, continuous-time and discrete-time Fourier Transform, DFT and FFT, z-transform. Sampling theorem. Linear Time-Invariant (LTI) Systems: definitions and properties; causality, impulse response, convolution, poles and zeros, parallel and cascade structure, frequency response, group delay. Signal transmission through LTI systems.

Communications: Random signals and noise: probability, random variables, probability density function, autocorrelation, power spectral density. Analog communication systems: amplitude and angle modulation and demodulation systems, spectral analysis of these operations, signal-to-noise ratio (SNR) calculation for amplitude modulation (AM) and frequency modulation (FM) for low noise conditions. Fundamentals of information theory and channel capacity theorem. Digital communication systems : pulse code modulation (PCM), differential pulse code modulation (DPCM), digital modulation schemes: amplitude, phase and frequency shift keying schemes (ASK, PSK & FSK), matched filter receivers, bandwidth consideration and probability of error calculations for these schemes. Basics of TDMA, FDMA, CDMA and GSM.

Electromagnetics: Elements of vector calculus: divergence and curl; Gauss' and Stokes' theorems, Maxwell's equations; differential and integral forms. Wave equation, Poynting vector. Plane waves: propagation through various media; reflection and refraction; phase and

group velocity; skin depth. Transmission lines: characteristic impedance; impedance transformation; Smith chart; impedance matching; S parameters, pulse excitation. Waveguides: modes in rectangular waveguides; boundary conditions; cut-off frequencies; dispersion relation. Basics of propagation in dielectric waveguide and optical fibers. Basics of Antennas: Dipole antennas; radiation pattern; antenna gain.

Power Electronics and Drives : Semiconductor power diodes, transistors, thyristors, triacs, GTOs, MOSFETs and IGBTs- static characteristics and principles of operation; triggering circuits; phase control rectifiers; bridge converters- fully controlled and half controlled; principles of choppers and invertors; basic concepts of adjustable speed DC and AC drives.

Computer Organization and Architecture:-

Machine instruction and addressing modes, ALU and data paths, CPU control design, Memory interface, I/O interface (interrupt and DMA mode), instruction pipelining, Cache and main memory, secondary storage.


6.5. M.Tech. (Mechanical Engineering)

Strength of Materials : Stress and strain, stress-strain relationship and elastic constants, Mohr's circle for plane stress and plane strain, thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; strain energy methods; thermal stresses.

Theory of Machine: Displacement, velocity and acceleration analysis of plane mechanisms; dynamic analysis of slider-crank mechanism; gear trains; flywheels.

Vibrations : Free and forced vibration of single degree of freedom systems effect of damping; vibration isolation; resonance, critical speeds of shafts.

Design: Design for static and dynamic loading; failure theories; fatigue strength and the S-N diagram; principles of the design of machine elements such as bolted, riveted and



welded joints, shafts, spur gears, rolling and sliding contact bearings, brakes and clutches.

Fluid Mechanics: Fluid properties; fluid statics, manometry, buoyancy; control-volume analysis of mass, momentum and energy; fluid acceleration; differential equations of continuity and momentum; Bernoulli's equation; viscous flow of incompressible fluids; boundary layer; elementary turbulent flow; flow through pipes, head losses in pipes, bends etc.

Heat-Transfer : Modes of heat transfer; one dimensional heat conduction, resistance concept, electrical analogy, unsteady heat conduction, fins; dimensionless parameters in free and forced convective heat transfer, various correlations for heat transfer in flow over flat plates and through pipes; thermal boundary layer; effect of turbulence; radiative heat transfer, black and grey surfaces, shape factors, network analysis; heat exchanger performance, LMTD and NTU methods.

Thermodynamics : Zeroth, First and Second laws of thermodynamics; thermodynamic system and processes; Carnot cycle, irreversibility and availability; behaviour of ideal and real gases, properties of pure substances, calculation of work and heat in ideal processes; analysis of thermodynamic cycles related to energy conversion.

Applications: Power Engineering : Steam Tables, Rankine, Brayton cycles with regeneration and reheat. I.C. Engines: air-standard Otto, Diesel cycles. Refrigeration and air-conditioning: Vapour refrigeration cycle, heat pumps, gas refrigeration, Reverse Brayton cycle; moist air: psychrometric chart, basic psychrometric processes. Turbomachinery : Pelton-wheel, Francis and Kaplan turbines- impulse and reaction principles, velocity diagrams.

Metal Casting : Casting processes- types and applications; patterns- types and materials; allowances; moulds and cores- materials, making, and testing; casting techniques of cast iron, steels and nonferrous metals and alloys; solidification; design of casting, gating and risering; casting

inspection, defects and remedies.

Metal Forming : Stress-strain relations in elastic and plastic deformation; concept of flow stress, deformation mechanisms; hot and cold working- forging, rolling, extrusion, wire and tube drawing; sheet metal working processes such as blanking, piercing, bending, deep drawing, coining and embossing; analysis of rolling, forging, extrusion and wire/rod drawing; metal working defects.

Metal Joining Processes : Welding processes- manual metal arc, MIG, TIG, plasma arc, submerged arc, electroslag, thermit, resistance, forge, friction, and explosive welding; other joining processes- soldering, brazing, braze welding; inspection of welded joints, defects and remedies; introduction to advanced welding processes- ultrasonic, electron beam, laser beam; thermal cutting.

Machining and Machine Tool Operations : Basic machine tools; machining processes-turning, drilling, boring, milling, shaping, planing, gear cutting, thread production, broaching, grinding, lapping, honing, super finishing; mechanics of machining- geometry of cutting tools, chip formation, cutting forces and power requirements, Merchant's analysis; selection of machining parameters; tool materials, tool wear and tool life, economics of machining, thermal aspects of machining, cutting fluids, machinability ; principles and applications of nontraditional machining processes-USM, AJM, WJM, EDM and Wire cut EDM, LBM, EBM, PAM, CHM, ECM.

Tool Engineering: Jigs and fixtures- principles, applications, and design; press tools-configuration, design of die and punch; principles of forging die design.

Metrology and Inspection: Limits, fits, and tolerances, interchangeability, selective assembly; linear and angular measurements by mechanical and optical methods, comparators; design of limit gauges; interferometry; measurement of straightness, flatness, roundness, squareness and symmetry; surface finish measurement; inspection of screw threads and gears; alignment testing of machine tools.

Powder Metallurgy: Production of metal powders, compaction and sintering.

Polymers and Composites : Introduction to polymers and composites plastic processing- injection, compression and blow molding, extrusion, calendaring and thermoforming molding of composites.

Manufacturing Analysis: Sources of errors in manufacturing; process capability; tolerance analysis in manufacturing and assembly; process planning; parameter selection and comparison of production alternatives time and cost analysis; manufacturing technologies- strategies and selection.

Computer Integrated Manufacturing: Basic concepts of CAD, CAM, CAPP, cellular manufacturing, NC, CNC, DNC, Robotics, FMS, and CIM.

6.6 M.Tech. (Environmental Science & Engineering)

M.Sc. level course of Environmental Sciences, B.E./ B.Tech. level course related to Environmental Engg. General Awareness topics related to Environmental Sciences/ Environmental Engineering.

6.7 M.Tech. (Geo-informatics)

M.Sc. level syllabi of Environmental Science/ Life Science/ Geography/ Geology / Earth Science / Physics/ Mathematics/ Remote Sensing/ Computer Science and application, B.Tech./ B.E. level course related to Environmental Engineering.

6.8 M.Tech. (Nano Science & Technology)

M.Sc. level courses of Biotechnology, Biophysics, Physics, Mathematics Chemistry, B.E./B.Tech. level courses related to Biotechnology, Electronics & Communication Engineering, Computer Science & Engineering, Bio-Medical Engineering, General awareness topics related to Nano Science & Technology, Life Science etc.

6.9 M.Tech. (Food Engineering)

B.Tech. / B.E. level course related to Food Engineering/ Food Process Engineering/ Dairy Tech./ Dairy Engineering, M.Sc. level course of Food Technology/ Food Science & Technology/ Food Biotechnology.

6.10 M.Tech. (Optical Engineering)

Engineering Mathematics (5%)

Elementary complex analysis, Fourier Analysis.

Electromagnetic (10%)

Electrostatics, Magnetostatics, Electromagnetic waves: reflection and refraction, dispersion, interference, coherence, diffraction, polarization.

Thermodynamics and Statistical Physics (10%)

Laws of Thermodynamics, Thermodynamic potentials and Maxwell's relations. Phase space, Microstates and Macrostates. Black Body radiation & Plank's distribution law,

Optoelectronics (10%)

Maxwell's Equations, The planar slab waveguide, Dispersion and Graded index fibers, Attenuation, Rectangular Dielectric waveguides, The beam propagation Method for analyzing optical waveguides, Coupling and Numeric analysis, Noise in optical detectors, Optical radiation.

Optics and Lasers (20%)

Fermat's Principle and its applications, Refraction and reflection by Spherical Surfaces, Matrix Method in Paraxial Optics, Aberrations, General concepts of Interference, Diffraction, Polarization, Holography, Lasers : Optical resonators, spontaneous and stimulated emission, Optical pumping, population inversion, Coherence, Simple description of Ruby Laser and He-Ne Laser. Defects and color center lasers.

Electronics: (15%)

Physics of p-n junction, Diode as a circuit element, clipping, clamping, Rectification, Zener regulated power supply; Transistor as a circuit element: CC, CB and CE configuration. Transistor as a switch, OR, AND NOT gates. Feed back in Amplifiers.

Operational amplifier and its applications: inverting, non-inverting amplifier, adder, integrator, differentiator, wave

form generator, comparator & Schmidt trigger.

Digital integrated circuits- NAND & NOR gates as building blocks, X-OR Gate, simple combinational circuits. Half & Full adder, Flip-flop, shift register, counters, Basic principles of A/D & D/A converters; Simple applications of A/D & D/A converters.

Electronics Devices (10%)

Energy bands in silicon, intrinsic and extrinsic silicon. Carrier transport in silicon: diffusion current, drift current, mobility and resistivity. Generation and recombination of carriers, p-n junction diode, Zener diode, tunnel diode, BJT, JFET, MOS capacitor, MOSFET, LED, p-i-n and avalanche photo diode. Device technology: integrated circuits fabrication process, oxidation, diffusion, ion implantation, photolithography, n-tub, p-tub and twin-tub CMOS process.

Applied Mechanics and Design (20%)

Strength of Materials: Stress and strain, stress-strain relationship and elastic constants, Mohr's circle for plane stress and plane strain, thin cylinders; shear force and bending moment diagrams; bending and shear stresses; deflection of beams; torsion of circular shafts; Euler's theory of columns; strain energy methods; thermal stresses.

Design : Design for static and dynamic loading : failure theories; fatigue strength and the S-N diagram; principles of the design of machine elements such as bolted, riveted and welded joints, shafts, spur gears, rolling and sliding contact bearings, brakes and clutches.

6.11 Master of Physiotherapy (all streams)

Master of Physiotherapy (Musculoskeletal Disorders), (Sports Physiotherapy), (Neurological Disorders) and (Pediatric Physiotherapy)

Entire syllabus of Bachelor of Physiotherapy (four and half year course) of GJUS&T, Hisar or that considered equivalent thereto.

6.12 Bachelor of Physiotherapy

Physics : Introduction and Measurement, Description of Motion in one, Two and Three Dimension, Laws of Motion, Work, Energy and Power, Rotational Motion, Gravitation, Heat and Thermodynamics, Oscillations, Waves, Electrostatics, Current Electricity, Thermal, Chemical and Magnetic Effect of Currents, Magnetism, Electromagnetic Induction and Alternating Currents, Electromagnetic Waves, Rays Optics and Optical Instruments, Electrons and Photons, Atoms, Molecules and Nuclei, Solids and Semiconductor Devices.

Chemistry : Atoms, Molecules and Chemical Arithmetic Elements, their occurrence and extraction, States of Matter, Atomic Structures, Chemical Families- Periodic Properties, Bonding and Molecular Structure, Carbon and its Compounds, Energetics, Chemical Equilibrium, Redox Reactions, Rates of Chemical Reactions, Chemistry of Non-metals, Chemistry of Lighter Metals, Chemistry of Heavier Metals, Structure and Shape (s) of Hydrocarbons, Preparation and Properties of Hydrocarbons, Purification and Characterisation of Organic Compounds, Molecules of Life, Atomic Structure and Chemical Bonding. Solid State, Solutions, Chemical thermodynamics, Electrochemistry, Chemical Kinetics, Organic Chemistry Based on Functional Groups, Chemistry of Representative Elements. Transition Metals including Lanthanides, Coordination Chemistry and Organometallics, Nuclear Chemistry, Synthetic and Natural Polymers, Surface Chemistry, Bio molecules, Chemistry of Biological Process, Chemistry in Action.

Biology (Botany & Zoology) : The Living World, Unity of Life, Diversity of Life, Organism and Environment, Multicellularity: Structure and Function- Plant Life and Animal Life, Continuity of Life, Origin and Evolution of Life, Applications of Biology.

English: Language & Comprehension, Basic English Grammar and its uses.

Chapter – 7

Procedure for Admission

7.1 How to Apply

The candidates are required to apply only on the prescribed Admission Form given in this Prospectus or the downloaded one from the University website (with requisite fees in case of downloaded admission form) alongwith following documents:

- i) Valid GATE / GPAT score certificate wherever applicable.
- (ii) Certificate of Reserved Category i.e. SC/BC/PH/ESM/FF, if applicable.
- (iii) Attested copy of Sports Certificate, if weightage is claimed.
- (v) Attested copies of D.M.Cs / proof of passing of qualifying examinations.
- (vi) Attested copy of Matriculation Certificate for proof of age.

The Admission forms must reach the concerned office (as mentioned in the Important Instructions) latest by 04.07.2011 (Upto 5.00 p.m.).

Admission forms, which are incomplete or are not accompanied by requisite documents including the proof of having passed the qualifying examination, are liable to be rejected.

7.2 Where to Apply

The candidates are to deposit the admission forms in the office of:

- | | |
|--|--|
| (i) Dean, Faculty of Media Studies
(Teaching Block-5) | For Group-I
courses |
| (ii) Dean, Faculty of Environmental
and Bio Sciences & Technology
(Teaching Block No.-4) | For Group-II
courses |
| (iii) For other courses | Respective
Chairperson of
the Department |

7.3 Admit Card

The Admit Cards will be sent to the candidates by the concerned office on the mailing address of the candidates given in the Admission forms. In case of non receipt of Admit Card before two days of the date of entrance tests, the same may be collected by the candidates from the office concerned where admission form was deposited.

7.4 Conduct of Entrance Tests

- (i) Entrance Test comprising of 100 questions of 1 mark each, will be of 1 ½ hours duration unless otherwise mentioned and will consist of multiple choice (objective type) questions with one correct answer. There will be no negative marking for incorrect answer(s). The details/instructions for attempting the question papers will be given in the test booklet/question paper at the time of Entrance Test.
- (ii) The candidate should report at the concerned examination centre/ Department concerned at least half an hour before the commencement of the Entrance Test. The tests will be held as per schedule given in Chapter-8.
- (iii) If a candidate is found to be guilty of using unfair means in the Entrance Test, his/her candidature shall be cancelled.
- (v) There shall be no re-evaluation/rechecking of answer sheet of Entrance Tests.

7.5 Sports Weightage

Special weightage of upto 5 marks will be given to Sports persons who have won 1st or 2nd or 3rd position at the University or State Level Tournament organised by State Government in individual events or team games or have participated in the Inter-University or National Level Competition. However, no weightage shall be given for admission in M.Tech./M.Pharma Courses to be filled by

GATE/GPAT qualified candidates.

The candidates, claiming sports weightage, should submit, along with the Application Form, certificates issued by the Director of Sports of Haryana State or any other officer authorised by the State Govt. stating their grade. Certificate from any other source will not be accepted. The weightage of marks of different categories of Sports persons will be as under:-

Grade	Weightage of Marks
A-1	5
A-2	4
B-1	3
B-2	2.5
C-1	2
C-2	1

The games, which will be considered for weightage under this category, are as follows:

GAMES FOR BOYS AND GIRLS:

Athletic including Cross-Country, Badminton, Basket ball, Cricket, Cycling, Gymnastics, Hockey, Kho-Kho, Shooting, Swimming including Water-polo and Diving, Tennis, Table Tennis, Volley ball, Hand ball, Kabaddi of National Style, Football, Chess, Boxing (Free style), Judo and Weight-lifting.

GAMES FOR BOYS ONLY:

Boxing, Best Physique, Wrestling (Free-style).

7.6 Procedure/Criteria for preparing merit

Equal weightage will be given to score of entrance test and percentage of marks in qualifying examination for preparing the merit list. The weightage for sports will be over and above this. The weightage of sports admissible under rules will be added to the sum of the scores of these

two components to reach final score for merit.

For Example:

Component	Maximum weightage	Actual score (assumed)
Entrance Test	100	60
Percentage in qualifying exam.	100	70
Weightage of	5	4
	-----	-----
Total Score for Merit		134
	-----	-----

- (i) If two or more candidates secure identical total score/ Score (for M.Pharm. GPAT) , the candidate having higher percentage of marks in qualifying examination will be preferred. If the percentage of marks secured in qualifying examination is also identical, the candidate older in age will be preferred.
- (ii) CANDIDATES ARE ADVISED TO ATTACH ATTESTED COPIES OF ALL THE DOCUMENTS AND TESTIMONIALS ALONG WITH THEIR ADMISSION FORMS FOR DETERMINING THEIR ELIGIBILITY, MERIT AND FOR ALLOWING WEIGHTAGES. NO WEIGHTAGE SHALL BE GIVEN ONCE THE MERIT LIST IS FINALIZED.

7.7 Display of Merit List for Admission

Merit list will be placed on University website for Group I & II courses and on the notice board of respective department for other courses. It shall be the responsibility of the candidates to remain in touch with the University website/ office concerned to ascertain the progress of admissions. No separate communication will be sent to the candidates by the University.

Chapter – 8

Counseling

8.1 Documents required at the time of Counseling

All original certificates of

(i) 10th, 12th, B.A./B.Sc./B.Com./B.E./B.Tech./B.Pharma/B.P.Th./M.Sc., etc.

(ii) Category (SC/BC, PH/ESM/FF) certificate for Reservation.

(iii) Sports certificate, if weightage claimed.

(iv) Proper Income certificate in case of SC/BC candidates seeking any concession.

(v) Affidavit/ Undertaking in case of BC candidates as per Format in Annexure B-IV.

(vi) Character Certificate

(a) Candidates who have recently qualified

Candidates, who have recently passed/ appeared the qualifying examination in 2011, must submit Character Certificate from the Head of the Institution last attended as per specimen given in Annexure B-V.

(b) Private candidates

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

(c) Gap in Study

Candidates who have gaps 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.

8.2 Counseling Procedure

(i) It is mandatory for all candidates seeking admission to attend the counseling, as per the

notified schedule given in this Chapter. On the day of counseling the candidates will be called for counseling / admission on their turn in order of merit.

(ii) The candidate will be required to present himself/ herself before the Counseling Board and mark his / her presence and then they will produce all original certificates for verification and checking of eligibility for the course (s) for which he / she is eligible.


(iii) On ascertaining the eligibility, the committee will allot a seat as per merit/ preference subject to availability of seat.

(iv) The committee will issue admission letter, on the basis of which the candidate will have to deposit fees on the spot. Candidates are therefore advised to bring the required amount (see Chapter on Fees Structure) for depositing the fees at the time of counselling failing which their admission shall stand forfeited. If a candidate does not deposit the fees after the issue of admission letter, he/she shall not be allowed to participate in the subsequent counselings. However, if a candidate after depositing the fees wants to shift from one course to the other he/she will be allowed to do so in the subsequent counselling subject to his/her eligibility and availability of seat(s).

(v) The candidate then will report to the Registration Committee for registration. The officials dealing with Registration of students will be available in the counseling hall.

8.3 Important Note for Counseling

(i) If a candidate is not in a position to attend the counseling in person because of serious illness or



accident, he/she can authorize in writing his/her parent or guardian to attend the counselling. However, he/she must send a medical certificate from a Medical Officer of a Govt. Health Centre/ Hospital with his/her parent or guardian in case he/she is unable to attend the counselling.

- (ii) Candidates will not be paid any traveling or other allowances for attending the counselling.
- (iii) 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.
- (iv) The mere fact that an applicant has been called for the counselling does not guarantee admission to a course. 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.
- (v) The candidate who did not attend the first or second counselings, he/she may be allowed to attend the subsequent counseling according to his/her merit and eligibility.
- (vi) For the present, no seat is available under ESM/FF category. But the seats reserved for the physically handicapped if remaining unutilized due to non-availability of candidates eligible to be considered for such seats, shall be offered to the Ex-servicemen & 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.
- (vii) The counselling will start at 10.00 a.m. sharp. 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 Teaching Block-5 for Group-I

courses; Seminar Hall of Teaching Block No.4 for Group-II courses and the office of the Chairperson of the respective Department for other courses. Any change in the venue will be notified on the University website/ departmental notice board

- (viii) The seats remaining vacant in reserved category after the first counselling will again be offered to the same reserved category in the second counselling. The seats still remaining vacant after the second counseling will be first offered to the candidates of the concerned reserved category at the start of the third counseling and the seats remaining unfilled upto 4.00 p.m., after being offered to the candidates of reserved category, will be converted into General category and filled accordingly.

Regarding change from BC(A) to BC(B) and vice-versa, there will no such change in the first and second counseling. In the beginning of the third counseling, the vacant seats will be first offered to the relevant category of candidates and if the same remain unfilled upto 2.00 p.m. these will be filled, in case of BC(A), from BC(B) and vice-versa. If the seats still remain vacant, these will be converted into general category and filled accordingly after 4.00 p.m.

- (ix) After the third counseling, a waiting list will be drawn based on attendance of third counselling only and the seats falling vacant thereafter be filled from the said waiting list by the Chairpersons with the approval of the Vice-Chancellor. Dates of first, second and third counselings are given in Appendix-A to this Chapter.

In case the seats remain vacant after normal dates of admissions are over, the cases of admissions will be considered in order of merit by the Vice-Chancellor on the recommendations of the Chairperson of the department.

Cut off date for admission shall be 30.08.2011.

Schedule of Dates for Entrance Tests, Displaying of Merit Lists and Counseling 2011-12

(A) GROUP-I COURSES

Name of Course	Date and time of Entrance Test	Date of Publication of merit list	Date and time of Counseling		
			1st	2nd	3rd
(i) M. Sc. (Applied Psychology)	09.07.2011 11.30 a.m. to 1.00 p.m.	11.07.2011	13.07.2011 10.00 a.m.	17.07.2011 10.00 a.m.	21.07.2011 10.00 a.m.
(ii) M. Sc. (Mass Communication)					
(iii) M. Sc. (Development Communication)					
(iv) P. G. Diploma in Defence Journalism					
(v) M. Sc. Advertising Management & Public Relations					
(vi) P. G. Diploma in Web Advertising & Animation					
(vii) P. G. Diploma in Tourism PR					

(B) GROUP-II COURSES

Sr. No.	Name of Course	Date and time of Entrance Test	Date of Publication of merit list	Date and time of Counseling		
				1st	2nd	3rd
(i)	M.Sc. Chemistry	10.07.2011 11.30 a.m. to 1.00 p.m.	12.07.2011	14.07.2011	18.07.2011	22.07.2011
(ii)	M.Sc. Physics			10.00 a.m.	10.00 a.m.	10.00 a.m.
(iii)	M.Sc. Mathematics			(Rank No. 1-500) &		
(iv)	M.Sc. Biotechnology			15.07.2011		
(v)	M.Sc. Environmental Sciences			10.00 a.m.		
(vi)	M.Sc. Food Technology			(Rank No. 501 onwards)		
(vii)	M.Sc. Industrial Microbiology					
(viii)	P.G. Diploma in Pigment and Paint Technology					

(C) OTHER COURSES

The counseling will start at 10.00 a.m. sharp in the office of respective Chairperson of the Department.

Sr. No.	Name of Course	Date of Entrance Exam.	Timing	Date of display of Merit Lists	First Counseling	Second Counseling	Third Counseling
1.	Bachelor of Physiotherapy	07.07.2011	10.00 a.m. to 11.30 a.m.	08.07.2011	11.07.2011	18.07.2011	21.07.2011
2.	Master of Physiotherapy 1. Musculoskeletal Disorders 2. Sports Physiotherapy, 3. Neurological Disorders, and 4. Pediatric Physiotherapy	11.07.2011	10.00 a.m. to 11.30 a.m.	12.07.2011	18.07.2011	21.07.2011	25.07.2011
3.	M.Tech. (Environmental Science & Engineering)	15.07.2011	10.00 a.m. to 11.30 a.m.	18.07.2011	29.07.2011	03.08.2011	05.08.2011
4.	M.Tech. (Food Engineering)	15.07.2011	2.00 p.m. to 3.30 p.m.	18.07.2011	29.07.2011	03.08.2011	05.08.2011

5.	M. Tech. (Optical Engineering)	16.07.2011	10.00 a.m. to 11.30 a.m.	18.07.2011	29.07.2011	03.08.2011	05.08.2011
6.	M. Tech. (Electronics & Communication)	16.07.2011	2.00 p.m. to 3.30 p.m.	18.07.2011	29.07.2011	03.08.2011	05.08.2011
7.	M. Tech. (Computer Science & Engineering)	18.07.2011	10.00 a.m. to 11.30 a.m.	19.07.2011	29.07.2011	03.08.2011	05.08.2011
8.	M. Tech. (Mechanical Engineering)	18.07.2011	2.00 p.m. to 3.30 p.m.	19.07.2011	29.07.2011	03.08.2011	05.08.2011
9.	M. Tech. (Printing Technology)	19.07.2011	10.00 a.m. to 11.30 a.m.	20.07.2011	29.07.2011	03.08.2011	05.08.2011
10.	M. Tech. (Nano Science and Technology)	19.07.2011	2.00 p.m. to 3.30 p.m.	20.07.2011	29.07.2011	03.08.2011	05.08.2011
11.	M. Tech. (Geo-informatics)	20.07.2011	10.00 a.m. to 11.30 a.m.	21.07.2011	29.07.2011	03.08.2011	05.08.2011
12.	M. Pharm. (Pharmaceutical Chemistry, Pharmaceutics, Pharmacology and Pharmacognosy)	There will be no Entrance Test for Non GPAT candidates for admission to M. Pharm. Such candidates will be given admission on the basis of academic merit if the seats remain vacant after the admission of GPAT candidates		29.07.2011	29.07.2011	03.08.2011	05.08.2011

Note : The First counseling on 29.07.2011 will be conducted for the GATE qualified candidates only for M. Tech. programmes and GPAT qualified candidates only for M. Pharm. The Non-GATE /Non-GPAT candidates will appear for counseling only on 03.08.2011 and 05.08.2011, if seats remain vacant. However, preference will be given to GATE/GPAT qualified candidates on 03.08.2011 and 05.08.2011 also, if present.

Chapter-9

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%
(50% of the seats earmarked for bonafide residents of Haryana will be reserved for the categories as mentioned at (B) below, as per State Govt. policy and remaining 50% seats will be filled from among Haryana General Category)

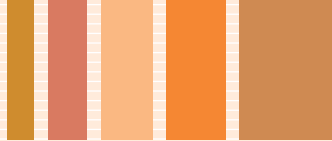
(B) Reservation of seats for Bonafide Residents of Haryana:

The seats shall be reserved for the categories as under:-

- (i) Scheduled Castes of Haryana : 20%
- (ii) Backward Class of Haryana : 27%
(except Socially advanced persons/
Sections (creamy layer)
(16% for Block-A & 11% for Block-B)
- (iii) Physically Handicapped : 03%
(1% Blind or low vision, 1% Hearing Impairment, 1% Locomotor disability or cerebral palsy certificate as per Annexure B-VI)
- (iv) 3% horizontal reservation will be given 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/ Self Financing Colleges/ Institutes located in Haryana. This reservation will be in rotation for Block 'A' and Block 'B' (As per Chief Secretary letter No. 22/27/2004-2GSIII dated October 20, 2005).

Important Instructions for Reserved Category Seats:

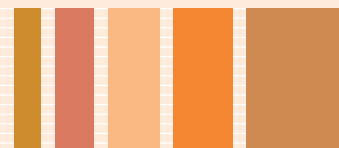
1. The reservation of seats is as per the Reservation Policy of the State Govt. and is subject to any change/ amendment by the State Govt. from time to time.
2. All the eligible candidates whether from Haryana or from Reserved Categories shall also compete for seats allocated under All India Category.
3. All eligible candidates of reserved categories shall be considered first for Haryana General Category seats.
4. For Haryana Resident (Refer to Annexure A-IV)
5. 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 and affidavit/ Undertaking as per Annexure-B-IV.
The B.C. 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. 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. Physically Handicapped Disability Certificate must be from the Chief Medical Officer of the concerned District. Physically Handicapped candidates belonging to Haryana are required to submit the certificate as per Annexure B-VI.
7. 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).
8. 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.
 9. A candidate, who applied for both-reserved and general categories will be considered first in general category. In case, he 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.
 10. The seats remaining vacant under reserved category will be filled up in the manner indicated in the Chapter on Counselling.
 11. If the seats reserved for Physically Handicapped persons remain vacant due to non-availability of suitable handicapped candidates, 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.
 12. 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 upto 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.

Definitions :

- i) "BC-A" means "Backward Class Block `A'" of Haryana.
- ii) "BC-B" means "Backward Class Block `B'" of Haryana
- iii) "SC" means-Scheduled Caste of Haryana.
- iv) "PH" means "Physically Handicapped" of Haryana.
- v) "HOGC" means "Haryana Open General Category".
- vi) "ESM" means "Ex-Servicemen and their Wards" of Haryana.
- vii) "FF" means "Children of Freedom Fighter" of Haryana.



SEAT DISTRIBUTION CHART

Sr. No.	Name of Course	No. of seats	All India including Haryana	Haryana Open General Category	Reserved Category of Haryana			PH of Haryana	ESM/FF of Haryana
					SC	BC-A	BC-B		
1.	M.Tech. (Computer Sc. & Engineering)	30	4	13	5	4	3	1	0
2.	M.Tech. (Env. Sc. & Engineering)	20	3	8	3	3	2	1	0
3.	M.Tech. (Electronics & Communication Engg.)	20	3	8	3	3	2	1	0
4.	M.Tech. (Mechanical Engineering)	20	3	8	3	3	2	1	0
5.	M.Tech. (Printing Technology)	30	4	13	5	4	3	1	0
6.	M.Tech. (Nano Science & Technology)	20	3	8	3	3	2	1	0
7.	M.Tech. (Optical Engineering)	20	3	8	3	3	2	1	0
8.	M.Tech. (Food Engineering)	20	3	8	3	3	2	1	0
9.	M.Tech. (Geo-informatics)	30	4	13	5	4	3	1	0
10.	M.Pharm. (Pharmaceutical Chemistry)	15	2	7=4+3*	3=2+1*	2=1+1*	1	1	0
11.	M.Pharm. (Pharmaceutics)	15	2=1+1*	6=4+2*	3=2+1*	2=1+1*	1	1	0
12.	M.Pharm. (Pharmacology)	10	2=1+1*	4=2+2*	2=1+1*	1	1*	0	0
13.	M.Pharm. (Pharmacognosy)	10	2=1+1*	4=2+2*	2=1+1*	1*	1	0	0
14.	M.Sc. (Applied Psychology)	50	8	21	8	7	5	1	0
15.	M.Sc. (Biotechnology) under DBT Sponsored (20+4) 20 seats to be filled through DBT combined entrance test.	04	0	0	2	1	1	0	0
	M.Sc. (Biotechnology) under Self Finance Scheme	20	3	8	3	3	2	1	0
16.	M.Sc. (Industrial Microbiology)	30	4	13	5	4	3	1	0
17.	M.Sc. (Chemistry)	50	8	21	8	7	5	1	0
18.	M.Sc. (Environmental Science)	50	8	21	8	7	5	1	0
19.	M.Sc. (Food Technology)	50	8	21	8	7	5	1	0
20.	M.Sc. (Mass Communication)	50	8	21	8	7	5	1	0
21.	M.Sc. (Development Communication)	20	3	8	3	3	2	1	0
22.	M.Sc. (Mathematics)	50	8	21	8	7	5	1	0
23.	M.Sc. (Physics)	50	8	21	8	7	5	1	0
24.	M.Sc. Advertising Management & Public Relations	50	8	21	8	7	5	1	0
25.	Master of Physiotherapy (Musculoskeletal Disorders)	10	2	4	2	1	1	0	0

26.	Master of Physiotherapy (Sports Physiotherapy)	10	2	4	2	1	1	0	0
27.	Master of Physiotherapy (Neurological Disorders)	10	2	4	2	1	1	0	0
28.	Master of Physiotherapy (Pediatric Physiotherapy)	10	1	4	2	1	1	1	0
29.	Bachelor of Physiotherapy	50	8	21	8	7	5	1	0
30.	P.G. Diploma in Web Advertising & Animation	20	3	8	3	3	2	1	0
31.	P.G. Diploma in Tourism PR	20	3	8	3	3	2	1	0
32.	P.G. Diploma in Defence Journalism	20	3	8	3	3	2	1	0
33.	P.G. Diploma in Pigment and Paint Technology (PGDPPT)	20	3	8	3	3	2	1	0
34.	M.B.A. Part Time (Evening)	40	6	17	7	5	4	1	0
35.	M.Com.	40	6	17	7	5	4	1	0

15% seats in each course are allowed as Supernumerary for Foreign Nationals.

* Indicates seats without fellowship for M.Pharm. programmes.

- (i) Scholarships to the M.Pharm students will be offered who at the time of admission have qualified GPAT examination. If any non-GPAT student admitted to M.Pharm. course on the basis of academic merit of qualifying examination i.e. B.Pharmacy/ Bachelor of pharmaceutical Sciences, qualifies GPAT examinations in the subsequent year will not be eligible for scholarship.
- (ii) The distribution of seats is applicable department/course-wise/specialization wise only.
- (iii) Where the %age of seat available in a category is upto 0.5 it has been ignored.
- (iv) One seat shall be available for PH category of Haryana in M.Pharm. (Pharmaceutics) in all Odd Years (e.g. 2011) whereas One seat shall be available for PH category of Haryana in M.Pharm. (Pharmaceutical Chemistry) in all Even Years (e.g. 2010) on rotation basis.
- (v) One Fellowship shall be given for BCB category of Haryana in M.Pharm. (Pharmacognosy) in all Odd Years (e.g. 2011) whereas One Fellowship shall be given for BCA category of Haryana in M.Pharm. (Pharmacognosy) in all Even Years (e.g. 2010) on rotation basis. Whereas One Fellowship shall be given for BCA category of Haryana in M.Pharm. (Pharmacology) in all Odd Years (e.g. 2011) whereas One Fellowship shall be given for BCB category of Haryana in M.Pharm. (Pharmacology) in all Even Years (e.g. 2010) on rotation basis.
- (vi) Master of Physiotherapy is offered in four different streams. One seat in each stream will go to Physically Handicapped of Haryana every year on rotation. Last year the seat reserved for Physically Handicapped of Haryana was in Master of Physiotherapy (Neurological Disorders) and this year it will be in Master of Physiotherapy (Pediatric Physiotherapy). Next year i.e. 2012, it will be reserved for Physically Handicapped of Haryana in MPTh (Musculoskeletal Disorder) on rotation and so on.

Chapter-10

Fee Structure 2011-2012 (Per Annum)

Nature of Fee/Fund payable fi		Admission/ Continuation Fee	Development Fund	Tuition Fee	Exam. Fee	Other Charges	TOTAL Fee Per Annum*
Name of the courses fl							
A	All Courses including M.Sc. Bio-Tech (Non-Self Finance) (except B to O)	500	5000	3500	1500	9500	20000
B	All B.Tech. Courses	500	7000	30000	1500	11000	50000
C	B.Pharmacy	500	7000	7000	1500	19000	35000
D	Master of Pharmaceutical Sciences	500	9000	41000	2500	17000	70000
E	Master of Physiotherapy	500	3000	40000	2500	11000	57000
F	Bachelor of Physiotherapy	500	3000	28000	1500	14500	47500
G	M.Tech. (Comp. Sc. & Engg.) M.Tech. (Env. Sc. & Engg.) M.Tech. (Electronics & Communication Engineering) M.Tech. (Mechanical Engineering) M.Tech. (Printing Technology) M.Tech. (Nano Sc. & Tech.) M.Tech. (Optical Engg.) M.Tech. (Food Engg.) and M.Sc. Bio-Tech. (Self Financing Scheme)	500	8000	10000	2500	29000	50000
H	M.Sc Industrial Microbiology	500	3000	5000	2500	14000	25000
I	M.Sc. Development Communication, PG Diploma Courses (Web Advertising & Animation, Tourism PR), PG Diploma in Pigment and Paint Technology	500	3000	5000	2500	9000	20000
J	MCA	500	7000	10000	2500	20000	40000
K	M.Tech. Geo. Informatics	500	6000	40000	2500	11000	60000
L	P.G. Diploma in Defence Journalism	500	1500	5000	10000	2000	10000
M	MBA	500	15000	25000	3000	9500	53000
N	MBA (Evening)	500	15000	10000	3000	6500	35000
O	M.Com.	500	15000	25000	3000	9500	53000

*In addition to above, the following amount is also payable as specified under:-

- i) Rs. 2000/- Security/Caution Money Refundable
- ii) Rs. 50.00 Students Welfare Fund (Non Refundable)
- iii) Rs.60.00 Student Insurance Scheme

Fee at nos. i) and ii) is payable once in a course duration i.e. at the time of admission.

Fee at no. iii) is payable every year and the insurance premium is non-refundable in respect of the students whose names are forwarded to the Insurance Company. The risk coverage for students on roll of the University on the date of accident will be as per terms and conditions of the Insurance Policy.

NOTES:

- I. Caution money/ Security is refundable if application is received by 31st December of the year of the completion of course (Application Format as Annexure B-VIII).
- II. The fee for the 1st Year is to be deposited at the admission time as per instruction to be notified at that time. Fee deposit Schedule for the subsequent years of the Course will be as under:-

<u>Without late fee</u>	<u>with late fee of Rs.10/- per day</u>
15th July every year	upto 1st August every year

In case last date happens to be a holiday/closed day, next working day will be the last date.

- III. When a student is promoted late to the next higher semester after expiry of fee payment schedule and the student is not responsible for such delay, he will not be liable to pay late fee upto seven days of admission/promotion to the next higher class.

NOTE: Old students will continue to pay their fees as per the prospectus of the year of their admission.

- (i) If a candidate is admitted to two courses in the university he/she can be permitted to withdraw his/her candidature from the course other than the course of his/her choice and can get the refund/

adjustment of the fees paid by him/her for the course from which he/she is withdrawing after deducting the Admission Fee, provided he/she applied for refund adjustment of fee within a week of his/her admission to the course of his/her choice. Students admitted through Haryana State Counseling Society will be regulated as per the instructions issued in this regard by the Haryana State Counseling Society.

- (ii) If the admission of a student is cancelled by the University for no Fault of his/her, the dues paid by him/her will be refunded.
- (iii) In case there are less than 10 admissions in any programme that programme may be wound –up and the student admitted may be asked to apply either for refund of fees or for admission to any other programmes in the same department for which he must fulfill the minimum eligibility qualifications. Such admissions will be over and above the sanctioned intake in the programmes in which such students are admitted. The refund of fees, if required, will however be made to such students after the last cut off date of admissions in the University without any deductions.
- (iv) 20% of the total fee deposited (excluding caution money) by the candidate, subject to a minimum of Rs. 1000/- and maximum of Rs. 5000/-, be deducted and the balance amount be refunded in case of cancellation/ withdrawal of admission on request received by the cut-off-date of admission provided the seat vacated by him/ her has been filled up by way of fresh admission. After that, only caution money will be refundable.
- (v) Dues for the subsequent years must be paid by the dates notified, otherwise a late fee fine of Rs.10/-

per day, shall be charged. The name of the defaulter shall stand struck off the Rolls, if the dues are not paid up to the prescribed date (i.e. last date with late fee).

Students may be re-admitted by the permission of the Chairperson of the department concerned on payment of Rs. 500/-, alongwith the arrears of fee and fines provided that Chairperson of the department is satisfied that, if re-admitted, the student will not fall short of the requisite percentage of lectures etc. A candidate, who attends any class (es) during the period his name remained struck off the rolls, shall not be given any credit for such lectures as he may have attended during the period in question.

FEE CONCESSIONS

(a) Full tuition fee concessions may be given to deserving students by the Chairpersons of the departments upto 10% of the total strength in the courses mentioned in column `A' and `C'

The Vice-Chancellor may, in deserving cases and on the recommendations of the Chairpersons of the department concerned, grant additional fee concession upto 10% provided that not more than one such additional fee concession shall be awarded in any class in a department.

(b) Tuition fee concession may be allowed of two children of the same parents at the following rates in respect of the courses mentioned in Column `A' and `C':-

(i) The elder to pay full fee and

(ii) The younger to pay half fee

(c) The children of the serving/ retired military personnel upto the rank of N.C.O. or of military

personnel killed or incapacitated wholly or partly during the war, shall be allowed full tuition fee concession in respect of the courses mentioned in Column `A' and `C'.

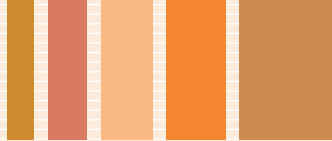
(d) Blind/ Physically Handicapped students and wards of Freedom Fighters may, on an application, be granted full tuition fee concession in respect of the courses mentioned in column `A' and `C'.

(e) 1/3rd concession of the total fee may be granted to the students belonging to weaker sections of the society subject to submission of Yellow Card and Income Certificate from the Competent Authority in respect of the courses mentioned in column `A' and `C'.

(f) 50% concession of the total fees to the university employees and their dependents may be allowed in regular, part time, self financed courses in the University Teaching Departments and Courses through Distance Education mode.

(g) The retired employees of this University may be treated at par with the serving employees for the purpose of fee concession for their wards/ spouses. The wards of deceased employee (including pensioners) of this University may be granted 100% Tuition Fee Concession in regular, part time, self financed courses in the University Teaching Departments and Courses through Distance Education mode.

(h) The fee concession on the pattern of GJUS&T employees will also be admissible to the employees working at Head Office of the Directorate of Technical Education, Haryana and Audit Staff posted in this University provided that the benefit will remain available to the audit staff till the semester/ half yearly period in which the said employee leaves this University.



(i) The SC students whose parent's income from all sources is upto Rs. Two lac per annum as prescribed by the State Govt. and who produces, at the time of admission, the "caste" and "income" certificates issued by the competent authority, may pay a sum of Rs. 1000/- as token fee at the time of admission. The remaining 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 scholarship or being eligible he/she is not awarded scholarship due to one or the other reason, he/she will be liable to pay full fee, alongwith late fee @ Rs. 10/- per day. All other SC

students are liable to pay full fee including those SC students who are admitted to M.Tech./ M.Pharm. on the basis of valid GATE /GPAT score.

(j) The last date for submission of application form (Fresh & Renewal) for SC Scholarships & BC stipend in the office of SC/ST Cell is October 15 every year. The application form will not be accepted after this date.

NOTE : Applications for fee concession should reach the concerned Chairperson upto 30th September/ 15 days of closing of admission whichever is later.

Chapter-11

Schedule of Teaching and Vacations for the Academic Session 2011-12

(Under Semester System)

ODD SEMESTER

Admissions	01.07.2011 onwards
Teaching	18.07.2011 to 24.10.2011
Autumn Break	25.10.2011 to 01.11.2011
Teaching	02.11.2011 to 25.11.2011
Preparatory Holidays	26.11.2011 to 30.11.2011
End Semester Examinations (Major Test)	01.12.2011 onwards
Winter Vacations	21.12.2011 to 01.01.2012

EVEN SEMESTER

Teaching	02.01.2012 to 30.04.2012
Preparatory Holidays	01.05.2012 to 06.05.2012
End Semester Examinations (Major Test)	07.05.2012 onwards
Summer Vacations	16.05.2012 to 30.06.2012

Schedule of Minor Tests

Odd Semester	
Ist Minor Test	2nd week of September
2nd Minor Test	3rd week of October
Even Semester	
Ist Minor Test	2nd week of February
2nd Minor Test	3rd week of March

NOTE : Second Saturday of every month shall be a holiday. If the number of teaching days falls less than 180 days in the academic session 2011-2012 due to some unforeseen reasons, it should be the responsibility of each teacher to make good the loss by taking extra classes.



Chapter – 12

Admission of Foreign Students

The following are the rules and regulations with regard to admission of foreign students in various regular courses, distance education programmes and Ph.D. programmes

REGULAR COURSES

1. 15% supernumerary seats of the total sanctioned intake in each course are available for foreign students. 1/3rd of 15% i.e. 5% of the total seats shall be reserved for the children of Indian workers in the Gulf countries. This is in accordance with the letter received from the AICTE.
2. The admission will be open for foreign students in all the undergraduate and postgraduate programmes available.
3. The admission of foreign students will be made on merit on the basis of the qualifying examination. They will not be required to appear in entrance tests.
4. A uniform fee of US \$ 2000 per annum will be charged from a foreign student. This fee will include lodging charges. The Boarding charges and medical insurance will be on actual basis.
5. A few rooms in boys and girls hostels will be

reserved for foreign students. However, if the number exceeds beyond a certain limit, efforts will be made to have a separate hostel for them.

6. Extra facilities, as per the instructions of the UGC/MHRD from time to time will be created for the foreign students. To make IEC a self-supportive unit, 20% of the fees received from foreign students will be diverted to the IEC for development activities.
7. The University has signed MoU with EdCIL to recruit foreign students for various courses on behalf of the University. The foreign students can also take admission directly in the University.

DISTANCE EDUCATION PROGRAMMES

1. There will be no limit of seats for foreign students in Distance Education Programmes admitted directly or through study centres.
2. Foreign students admitted to Distance Education Programme are exempted from attending the Personal Contact Programme (PCP) if at all made compulsory in any course. Their queries relating to the courses will be attended by the Coordinator of the concerned programme.

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.	Ad Dharmi	2.	Balmiki, Churra, Bhangi	3.	Bangali
4.	Barar, Burar, Berar	5.	Batwal	6.	Bauria, Bawaria
7.	Bazigar	8.	Bhanjra	9.	Chanal
10.	Dagi	11.	Darain	12.	Deha, Dhea, Dhaya
13.	Dhanak	14.	Dhogri, Dhangri, Siggri	15.	Dumna, Mahasha, Doom
16.	Gagra	17.	Gandhila, Gandil, Gondola	18.	Kabirpanthi, Julaha
19.	Khatik	20.	Kori, Koli	21.	Marija, Marecha
22.	Mazhabi, Mazhibi Sikh	23.	Megh	24.	Nat, Badi
25.	Od	26.	Pasi	27.	Perna
28.	Pherera	29.	Sanhai	30.	Sanhal
31.	Sansi, Bhedkut Manesh	32.	Sansoi	33.	Sapela, Sapera
34.	Sarera	35.	Bariya, Sikligar	36.	Sirikiband
37.	Chamar	38.	Jatia Chamar	39.	Rehgar
40.	Raigar	41.	Ramdasi	42.	Ravidasi
43.	Balahi	44.	Batoi	45.	Bhatoi
46.	Bhambi	47.	Chamar- Rohidas	48.	Jatav
49.	Jatava	50.	Mochi	51.	Ramdasia

List of Backward Classes in Haryana State

BLOCK - A

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/ Battora	9.	Bharbhunja, Bharbhuja
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 Gwar	23.	Ghirath	24.	Ghasi, Ghasiara or Ghosi
25.	Gorkhas	26.	Gawala, Gowala	27.	Gadaria, Pal
28.	Garhi Lohar	29.	Hajjam, Nai, Nais, Sain	30.	Jhangra - Brahman, Khati, Suthar, Dhiman, Tarkhan, Barhai, Baddi
31.	Joginath, Jogi, Nath, Jangam-Jogi, Yogi	32.	Kanjar or Kanchan	33.	Kurmi
34.	Kumhars, Prajapati	35.	Kamboj	36.	Khanghera
37.	Kuchband	38.	Labana	39.	Lakhera, Manihar, Kachera
40.	Lohar, Panchal	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.	Chaaraj (Mahabrahman)	66.	Udasin
67.	Ramgarhia	68.	Rangrez, Lilgar, Nilgar, Lallari	69.	Dawala, Soni-Dawala,
70.	Bhar, Rajbhar	71.	Nat(Muslim)		Nyaaria

At present Raigar, Mochi and Julaha castes find a mention in the list of the both scheduled castes and backward classes and it has been decided that persons belonging to these castes, who are not covered under the scheduled castes being Non-Hindus or Non-Sikh, can take the benefits under the backward classes only.

BLOCK B

1. Ahir/Yadav 2. Gujjar 3. Lodh/Lodha 4. Saini/Shakya 5. Meo

List of Fake Universities

State-wise List of fake Universities declared by the University Grants Commission as on 08th December, 2009 taken from UGC website www.ugc.ac.in

Bihar

1. Maithili University/Vishwavidyalaya, Darbhanga, Bihar

Delhi

2. Varanaseya Sanskrit Vishwavidyalaya, Varanasi (UP) Jagatpuri, Delhi.
3. Commercial University Ltd., Daryaganj, Delhi.
4. United Nations University, Delhi.
5. Vocational University, Delhi.
6. ADR-Centric Juridical University, ADR House, 8J, Gopala Tower, 25 Rajendra Place, New Delhi-110 008.
7. Indian Institute of Science and Engineering, New Delhi

Karnataka

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

Kerala

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

Madhya Pradesh

10. Kesarwani Vidyapith, Jabalpur, Madhya Pradesh.

Maharashtra

11. Raja Arabic University, Nagpur, Maharashtra.

Tamil Nadu

12. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.

West Bengal

13. Indian Instiutte of Alternative Medicine, Kolkatta.

Uttar Pradesh

14. Mahila Gram Vidyapith/ Vishwavidyalaya, (Women's University) Prayag, Allahabad, Uttar Pradesh.
15. Gandhi Hindi Vidyapith, Prayag, Allahabad, Uttar Pradesh.
16. National University of Electro Complex Homeopathy, Kanpur, Uttar Pradesh.
17. Netaji Subhash Chandra Bose University (Open University), Achaltal, Alighrah, Uttar Pradesh.
18. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura, Uttar Pradesh.
19. Maharana Pratap Shiksha Niketan Vishavidyalaya, Pratappgarh, Uttar Pradesh.
20. Indraprastha Shiksha Parishad, Institutional Area, Khoda, Makanpur, Noida Phase-II, Uttar Pradesh.
21. Gurukul Vishwavidyalaya, Vrindavan, Uttar Pradesh.

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.


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 the examination qualifying there 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

examination 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.

CERTIFICATE FOR THE EX-EMPLOYEES OF INDIAN DEFENCE SERVICES/PARA-MILITARY FORCES

Certified that Number _____ Rank _____

Name _____ S/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/
Zila Sainik Board/
Competent Authority
(with Official Seal)

(Strike out whichever is not applicable)

SCHEDULED CASTE CERTIFICATE

Certified that Mr./ Ms. _____ son / daughter of Sh.
_____ resident of _____ (Complete
Address) belongs to _____ Caste, which has been notified as Scheduled
Caste by the Haryana Government.

This certificate is being issued to him/her on the basis of verification by Naib Tehsildar / Secretary, Municipal
Committee.....

No. _____
Date _____
Place: _____

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

BACKWARD CLASS CERTIFICATE

BLOCK 'A' OR 'B'

Certified that Mr./Ms. _____ son/daughter of
Shri _____ resident of (complete
Address) _____ belongs to
_____ caste, which has been notified as Backward Class by the Haryana
Govt. and is placed in Block _____ (mention Block 'A' or 'B').

Further certified that he/she is not covered in Creamy Layer (Reference letter and No.11170/SW(1)-95 dated
7.6.1995 and No. 22/22/2004-3GS-III dated 22.1.2009.

This Certificate is being issued to him/her on the basis of verification by Naib Tehsildar/ Secretary, Municipal
Committee.....

No. _____
Date _____
Place: _____

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

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 and No.22/22/2004-3GS III dated 22.1.2009 for excluding socially advanced persons / sections (Creamy Layer) from Backward Classes.

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.

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

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.

**MEDICAL CERTIFICATE FOR PHYSICALLY HANDICAPPED
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 check up.
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.

**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/grand father of
Mr./Ms. _____ (Name of candidate) of Village / Town _____
Police Station _____ Tehsil _____
District _____, State _____
No. _____

Date _____ Deputy Commissioner of
concerned District of Haryana
Place _____ (SEAL OF OFFICE)



GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

(Established by State Legislature Act 17 of 1995)

`A' Grade, NAAC Accredited

“Application form-cum-No Dues Certificate” for Refund of Caution Money/ Security”

(To be submitted to the Chairperson of the concerned Teaching Department by 31st December of the year of completion of course with in 15 days of the completion of Exam. of Final Year/ Semester)

1. Name of the Department : _____
2. Name of the Student : _____
3. Father's Name : _____
4. Class : _____
5. Registration No. : _____

Sr. No.	Office	Dues, if any	Signature (with office seal) of the concerned officer I/C																								
1.	Accounts Branch																										
2.	Library																										
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}	Non-Hostler																										
	(to be verified																										
	by the Concerned																										
	Chairperson)																										
4.	Sports Office																										
5.	Teaching Department concerned																										

I _____ S/ D/O Sh. _____ under registration No. _____ hereby request for refund of my caution money/ security.

Place Hisar

Date: _____

Signature of the student

Recommendation of the Chairperson

Signature of the Chairperson
with office seal.

(Student Copy)



Issuing Office/Cell/Department _____
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
Admit Card
Session 2011-12

Name of Cours(s) _____
Group No.-I _____
Group No.-II _____
M.Pharm : _____
M.Tech. : _____
M.P.Th. : _____
B.P.Th. : _____

Latest Ticket
Size Photograph
of Candidate

Name of the applicant _____
Father's Name _____
(To be filled in by the applicant)

Signature of Applicant

(For Office use)

Name of the Test Centre _____
Roll No. _____
Date of Test _____ Time of Test _____

Signature of Official
Allotting the Roll No.

Seal & Signature of the
Authorised signatory

(Office Copy)



Issuing Office/Cell/Department _____
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
Admit Card
Session 2011-12

Name of Cours(s) _____
Group No.-I _____
Group No.-II _____
M.Pharm : _____
M.Tech. : _____
M.P.Th. : _____
B.P.Th. : _____

Latest Ticket
Size Photograph
of Candidate

Name of the applicant _____
Father's Name _____
(To be filled in by the applicant)

Signature of Applicant

(For Office use)

Name of the Test Centre _____
Roll No. _____
Date of Test _____ Time of Test _____

Signature of Official
Allotting the Roll No.

Seal & Signature of the
Authorised signatory

GENERAL INSTRUCTIONS

1. Bring this card with you to the test centre. You will not be admitted to the test without the admit card.
2. Bring with you a soft lead pencil, ball-point pen, eraser and sharpner to the Examination Hall. Use of calculators, slide-rules, mobile phones, electronic gadgets, etc. is not permitted during examination.
3. Write accurately and legibly your Roll Number and test Centre as given on this card on your answer-sheet (at the prescribed place only)
4. Please keep a note of your test Roll Number, course name and test centre for correspondence regarding your application and the test.
5. Please report to the test centre at least half an hour before the commencement of the test.
6. This admit card is provisional, subject to your fulfilling the prescribed eligibility conditions.

(Please fill up your address and affix postage stamp in the prescribed space)

Postage
Stamp
of Rs.6/-

To
.....
.....
.....
Pin Code.....

GENERAL INSTRUCTIONS

1. Bring this card with you to the test centre. You will not be admitted to the test without the admit card.
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To
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Pin Code.....

REGISTERED/SPEED POST

Application Form for Admission 2011-12

To

The Dean/ Chairperson
Faculty / Department
.....
Guru Jambheshwar University of Science & Technology

Hisar-125 001 (Haryana)

From

.....
.....
.....



GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
Admission Form (2011-2012)

No.....
 Last Date : 04.07.2011 (upto 5.00 p.m).

For Office use before the Admission

Received on.....
 Regn. No.....
 Received by.....
 Eligibility for courses
 1.....
 2.....
 3.....
 4.....
 5.....

Entrance Test Roll No.....
 Marks obtained in Entrance Test.....
 % age of marks in Qualifying exam.....
 Sports weightage (if any).....
 Total score for merit.....

Chief Coordinator/Convener,
 Admission Committee

IMPORTANT: Candidate should carefully study the instructions given in the Prospectus before filling this Admission Form. No column should be left unfilled. Write " N.A." against the column(s) not applicable to you.

For those who use the downloaded form only :

Demand Draft No.....Dated..... Amount.....; or
 University Receipt No.....Book No.....Dated..... Amt.....

Name(s) of the Course(s) Applied for

- 1- _____
- 2- _____
- 3- _____
- 4- _____
- 5- _____



Affix attested
 Photograph

1- Name of Candidate in English (Block letters)																
(In Hindi)																
2- (a) Father's Name in English (Block letters)																
(In Hindi)																
(b) Mother's Name in English (Block letters)																
(In Hindi)																
3- Date of Birth	Date	Month	Year													
	<input type="text"/>	<input type="text"/>	<input type="text"/>													

..3...

12- Are you claiming Sports weightage? Yes No
If Yes, mention Grade and attach certificate/Grade. Claimed Grade Weightage

13- Please tick against the category you belong to :
All India Haryana Open General BC-A BC-B
SC PH FF ESM Others
(Attach documentary evidence).

14- Were you ever expelled/rusticated/punished on account of misconduct or
indiscipline by any of the institutions you have studied in? Yes No

15- Are you applying for hostel accommodation ? Yes No

16- Are you presently employed ?
(If yes, please give the name and address of the employer
and attach a "No Objection Certificate"). Yes No

17- Father's/Guardian's Particulars

Detail	Occupation/ Designation	Monthly Income (Rs.)	In case of service, Office address with Telephone No.
Father			
Mother			
Spouse (if married)			

18- University Regn. No. (if already Regd. with this University)

19- For M.Pharm admission-order of Preference of specialization (Pharmaceutical Chemistry,
Pharmaceutics, Pharmacology, Pharmacognosy) be given.

1..... 2.....
3..... 4.....

20- For Master of Physiotherapy-order of preference of specialization (Musculoskeletal Disorders,
Sports Physiotherapy, Neurological Disorders and Pediatric Physiotherapy) be given.

1..... 2.....
3..... 4.....

DECLARATION BY THE CANDIDATE

- 1- I declare that the information furnished in this form is correct to the best of my knowledge and belief. I am conscious that if any information is found incorrect, my admission is liable to be cancelled. I also certify that to the best of my knowledge, I fulfil the eligibility conditions for the course for which I am applying for admission.
- 2- I shall abide by the rules and regulations of discipline and good conduct which may be framed in this regard by the University from time to time.

..4...

- 3- I shall not indulge in the acts of ragging. If I am found to have been involved in such an act, my admission shall be liable to be cancelled besides any penal action under the law.

Place:

Dated :.....

Signature of the candidate

DECLARATION BY THE PARENT/GUARDIAN

This is to undertake and assure that my ward shall not indulge in any act of ragging or indiscipline. If he/she is found to have been involved in such an act his/her admission shall be liable to be cancelled besides any penal action under the law.

Signature of the Parent/Guardian

Copies of Attested Documents attached. (Please tick ✓)

- 1- Matriculation Certificate for proof of Date of Birth.
- 2- 12th , B.A./B.Sc./B.Com./B.E./B.Tech./B.Pharm./B.P.Th./ M.Sc.
- 3- Sports certificate, if weightage claimed.
- 4- Income Certificate in case of SC/BC candidates
- 5- Affidavit / Undertaking in case of BC candidates.
- 6- Certificate for Reservation. (SC/BC.PH/FF/ESM) {only for Haryana candiates}.
- 7- GATE/GPAT valid score certificate.
- 8- Any other (Please specify).

Administrative Heads of the University

Designation	Name	Telephone No. (01662)
Head, University Computer & Informatics Centre	Sh. Mukesh Kumar	263179
Deputy Registrar (Accounts, Regn, SC/ST Cell)	Sh. B.S. Kundu	263125, 263536
Deputy Registrar (Distance Education)	Sh. B.S. Verma	263135
Deputy Registrar (Scholarships)	Sh. Parkash Arora	263169
Executive Engineer	Sh. Ashok Ahlawat	263107
System Manager (EDP Cell)	Sh. Vipin Makkar	263183
Sr. Medical Officer	Dr. (Mrs.) Sarina Hasija	263121
Asstt. Registrar (Academic)	Sh. Harnam Singh	263110
Asstt. Registrar (Security and Internal Audit Cell)	Sh. Suresh Sharma	263347
Asstt. Registrar (Faculty & Colleges)	Sh. Nafe Singh	263127
Asstt. Registrar (Conduct & Result)	Sh. Sunder Lal Saini	263530
Asstt. Registrar (Accounts)	Sh. Khajana Ram	263108
Asstt. Registrar (Secrecy)	Sh. S.P. Bhargava	263531
Asstt. Registrar (General & Purchase)	Sh. Surinder Singh	263126
Asstt. Registrar (Establishment) and OSD to Registrar	Dr. Satyavir Singh Dalal	263109
Public Information Officer, PRO & TPO (HSB)	Sh. Sanjay Singh	263144
Assistant Director-cum-Coach	Sh. Sashi Bhushan Luthra	263177
SDE (Electrical)	Sh. Jitender Singh	263122
SDE.(Civil)	Sh. Sunil Grover	263123
SDE (PH)	Sh. Raghuvir Singh	263124
SDE (Electrical)	Sh. Raja Singh Choudhary	263550

Our Website : www.gjust.ac.in

ZERO TOLERANCE ON RAGGING

- ◆ **Ragging in the University Campus is totally banned.**
- ◆ **Any student found indulging in the act of ragging shall be liable to disciplinary action as per the University rules.**
- ◆ **Any one who finds ragging or being ragged in the campus can submit his/her complaint to Proctor on Email ID: proctor@gjust.org Telephone No. 01662-263563/ 263369**



Guru Jambheshwar University of Science & Technology, Hisar

ACADEMIC PROGRAMMES 2011-12

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)
- M.Tech. (Food Engineering)
- M.Tech. (Geo-informatics)
- 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 (Pediatric Physiotherapy)
- Master of Computer Applications
- Master of Business Administration
- MBA (Evening)
- M.Com.
- M.Sc. (Applied Psychology)
- M.Sc. (Biotechnology)
- M.Sc. (Industrial Microbiology)
- M.Sc. (Chemistry)
- M.Sc. (Environmental Sciences)
- M.Sc. (Food Technology)
- M.Sc. (Mass Communication)
- M.Sc. (Development Communication)
- M.Sc. (Mathematics)
- M.Sc. (Physics)
- M.Sc. (Advertising Management & Public Relations)

Under Graduate Courses

- Bachelor of Pharmacy
- Bachelor of Physiotherapy
- B.Tech. (Biomedical Engineering)
- B.Tech. (Computer Science & Engineering)
- B.Tech. (Electronics & Communication Engineering)
- B.Tech. (Information Technology)
- B.Tech. (Mechanical Engineering)
- B.Tech. (Printing Technology)
- B.Tech. (Food Engineering)
- B.Tech. (Printing & Packaging Technology)
- P.G. Diploma Courses
- P.G. Diploma in Web Advertising & Animation
- P.G. Diploma in Tourism PR
- P.G. Diploma in Defence Journalism
- P.G. Diploma in Pigment and Paint Technology (PGDPPT)

THROUGH DISTANCE MODE

- M.A. Mass Communication
- Master of Computer Applications (MCA)
- Master of Insurance Business (MIB)
- M.Sc. (Computer Science)
- Master of Business Administration (MBA)
- Master of Computer Applications
(5 Year Integrated course)
- Master of Commerce (M.Com.)
- M.Sc. Mathematics
- P.G. Diploma in Computer Applications
(PGDCA)
- P.G. Diploma in Taxation (PGDT)
- P.G. Diploma in Environmental
Management (PGDEM)
- P.G. Diploma in Advertising &
Public Relations (PGDA & PR)
- P.G. Diploma in Bakery Science and
Technology (PGDBS&T)
- P.G. Diploma in Counseling &
Behaviour Modification (PGDCBM)
- P.G. Diploma in Industrial Safety
Management (PGDISM)
- B.A. Mass Communication
- Bachelor of Business Administration
(BBA)

AVAILABLE FROM

Office of the Asstt. Registrar (Academic)
Guru Jambheshwar University of Science &
Technology, Hisar (Haryana)
Ph. 01662-263110, 263139

PRICE

At Counter Rs. 1000/-
Rs. 250/- (for SC and BC candidates of Haryana)
By Post Rs. 1050/-
Rs. 300/- (for SC and BC candidates of Haryana)
For the students admitted through counseling
by HSCS i.e. B.Tech., MCA and B.Pharm.
programmes Rs.500/- for General candidates
and Rs. 125/- for SC/BC candidates of Haryana).

Note : Single admission form is to be filled up for
a common entrance test (for Group-I or Group-II
courses). Else, apply separately for each other
course/group.

Published By : **PROF. R.S. JAGLAN**, Registrar

Guru Jambheshwar University of Science & Technology, Hisar (Haryana) Ph. 01662-276025