



“We are responsible for what we are, and whatever we wish ourselves to be, we have the power to make ourselves”.



Swami Vivekananda

Message

I consider it my privilege to address my promising students, the youth of the day who have a great future ahead and who possess both the knowledge and the capability to create a better tomorrow for themselves, for their countrymen and for mankind at large. I am confident that in this University you will find innovative dynamic teachers, who have commitment to their noble profession and who guide you to have a multi-disciplinary and holistic approach to education and would ensure that you move out with strong, decisive and determined steps. What you need is a positive mindset; time management and willingness to use your capabilities for larger good of the people. We believe that the growth and development of our society is only possible by increasing the diversity of the student population and by effectively engaging in improving participation of the hitherto neglected segments of our population, that is, women, socio-economically disadvantaged, minorities etc. in the programme of higher education.

The Panjab University is committed to integrating intercultural and social dimensions into teaching, research and service delivery and to re-designing its social function in terms of building strong university-society linkages, emphasizing and disseminating core national values enshrined in our Constitution along with the skills to cope with the expectations of the 21st century and preparing students for a multi cultural and multi linguistics workplace environment. Academic interests are always given top priority by this pioneer University, which is always eager to sign MoUs with universities across the globe and to start new courses as per needs of the industry/society.

The Panjab University is proud of having faculty members, who believe in inculcating in their students values such as time management, harmony, tolerance and

respect for elders. You will agree that education is a process that makes a complete individual in all respects. The process of education must provide the students with means and the abilities to apply knowledge to the task at hand and at the same time strength of character to overcome difficulties. If my prospective students are to do well in life, they would require not only knowledge and discipline but also the desire and commitment to perform the assigned tasks with complete dedication. According to me, the students should be successful time managers to be able to prioritize the tasks - great and small, and schedule them to ensure minimum wastage of time, remember time budgeting is essential, you budget it as carefully as money. Strive for excellence regardless of work field you chose to work in, and you will never go wrong. Others will also appreciate your efforts.

In this era of globalization, transforming technologies are emerging in the corporate context and are being developed to primarily serve the narrow corporate interests and stake-holders. The shrinking base of stake-holders in this development and deployment of technologies is fast eroding their political and social legitimacy. It is increasingly being felt that these technologies are widening societal inequalities and deepening political conflict. An essential ingredient of technological advancement is the effort by society including its professional segments to ensure that societies promote social cohesiveness through necessary correctives. My proud students should not function in isolation of the social and political context nor should they remain in ivory towers or professional silos.

My dear students, you should not get intimidated by the day-to-day challenges; rather you should learn to surmount them. The moments of success and failure could also be moments that enable you to test your endurance and also provide opportunities to move higher in life. Please do not forget that hard work, discipline, commitment and determination are the tools with which you could navigate through the tough terrains of life and reach your destination of finding a good career in life.

I am reminded of a great saying of Aristotle "Education is an ornament in prosperity and a refuge in adversity". A person who is educated has a certain aura around him, of dignity and wisdom. I am confident that prospective students desirous of joining Panjab University will be blessed with this aura and be benefited from a pleasant milieu and also enjoy a comfortable stay on the campus. May their journey from campus to career be a rewarding one, and take them to higher and still higher pinnacles of success.

R.C. Sobti
Vice-Chancellor

PANJAB UNIVERSITY, CHANDIGARH

This is for the information of the students of the Panjab University Campus that

“RAGGING IS COGNIZABLE OFFENCE AND IS BANNED IN ANY FORM INSIDE OR OUTSIDE THE CAMPUS”

Ingredients/forms of Ragging	Punishments
<ul style="list-style-type: none">- Abetment to ragging;- Criminal conspiracy to rag;- Unlawful assembly and rioting while ragging;- Public nuisance created during ragging;- Violation of decency and morals through ragging;- Injury to body, causing hurt or grievous hurt;- Wrongful restraint;- Wrongful confinement;- Use of criminal force;- Assault as well as sexual offences or unnatural offences;- Extortion;- Criminal trespass;- Offences against property;- Criminal intimidation;- Attempts to commit any or all of the above mentioned offences against the victim(s);- Physical or psychological humiliation;- All other offences following from the definition of “Ragging”.	<ul style="list-style-type: none">- Cancellation of admission.- Suspension from attending classes and academic privileges;- Withholding/withdrawing scholarship/fellowship and other benefits;- Debarring from appearing in any test/examination or other evaluation process;- withholding Results- Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.- Suspension/expulsion from the hostel;- Cancellation of admission;- Rustication from the Institution for period ranging from 1 to 4 semesters;- Expulsion from the institution and consequent debarring from admission to any other institution for a specified period;- Fine ranging between Rs. 25,000/- to Rs. 1 Lakh;- Rigorous imprisonment upto 3 years.- Collective punishment : When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.

Student becoming a victim of ragging should immediately inform to the concerned

Chairperson/ Warden as the case may be besides contacting on Helpline nos. given below :

Dean Student Welfare

Helpline Numbers for reporting ragging :

Dean Student Welfare	9815606889
Dean Student Welfare (W)	9779191929
Deputy Registrar (DSW)	2541596, 2534565, 9855109070
Chief-Security Officer	2534891, 9417300004
Security Officers	9417425827, 9872877744

OFFICERS OF THE UNIVERSITY

Chancellor	The Hon'ble Shri M. Hamid Ansari Vice-President of India
Vice-Chancellor	Professor R.C. Sobti
Dean, University Instruction	Professor B. S. Brar
Dean, Student Welfare (Men)	Professor Naval Kishore
Dean, Student Welfare (Women)	Professor Kalpna K. Mahajan
Dean, International Students	Professor Naval Kishore (Acting)
Dean, Alumni Relations	Professor B.S. Bhoop
Dean, College Development Council	Professor Naval Kishore
Registrar	Professor A. K. Bhandari
Librarian	Dr. Raj Kumar

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Note : *The candidates who have passed/appeared in the qualifying examination from any of the following universities (declared as fake by the UGC) are ineligible to appear in the Entrance Tests, as these institutions have been derecognised by the Panjab University.*

1. Maithlli University/ Vishwavidyalaya, Darbhanga, Bihar.
2. Mahila Gram Vidyapith/ Vishwavidyalaya, (Women's University) Prayag, Allahabad (U.P.).
3. Varanaseya Sanskrit Vishwavidyalaya, Varanasi (U.P.), Jagatpuri, Delhi.
4. Commercial University Ltd., Daryaganj, Delhi.
5. Indian Education Council of U.P., Lucknow (U.P.).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P.).
7. National University of Electro Complex, Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose University (Open University), Achaltal, Aligarh (U.P.).
9. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
10. St. John's University, Kishanttam, Kerala.
11. United Nations University, Delhi.
12. Vocational University, Delhi.
13. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U.P.).
14. Maharana Partap Shiksha Niketan Vishwavidyalaya, Partapgarh (U.P.).
15. Raja Arabic University, Nagpur.
16. Kesarwani Vidyapith, Jabalpur (M.P.).
17. Badaganvi Sarkar World Open University Education Society, Gokak, Belgaum (Karnataka).
18. ADR-Centric Juridical University, ADR House, 8J, Gopala Tower, 25 Rajendra Place, New Delhi-110008.
19. Gurukul Vishwavidyalaya, Vrindawan (U.P.).

GENERAL IMPORTANT GUIDELINES

- (i) The Senate at its meeting held on 30.9.2001 decided that :

The requirement of 75% of the total number of lectures, tutorials, seminars, practicals, etc. stipulated in the U.G.C. letter No. F.I-8 (CPP-II) dated 26.7.2001 be made applicable from the academic session 2002-2003.

The Chairpersons of the Teaching Departments and Co-ordinators/Directors of the respective Teaching Centres will display the shortage of lectures on the notice board at the end of every month for information of the students.

- (ii) The candidates seeking admissions in any of the University Courses shall submit their admission forms duly filled in, complete in all respect on or before the prescribed date for receipt of such application forms irrespective of the date of declaration of results.
- (iii) Fees/Funds and charges payable for various courses by the students shall be as prescribed by the Syndicate of the Panjab University, Chandigarh from time to time.
- (iv) Candidates desirous of applying for admission to University teaching departments for the session 2011-2012 can download admission form from P.U. Website www.puchd.ac.in free of cost. However, those finally admitted will be charged Rs. 50/- as cost of admission form along with admission fees.
- (v) The candidate who has applied for the Entrance Test for Courses under OCET–2011 must submit a separate Admission Form to the concerned department/Centre after the Entrance Test, irrespective of the declaration of result in Entrance Test.

General

Students of the B.Sc. (Honours School) study one major subject and two other subjects in the first 2-year of their Course. In addition they study English as preliminary subject during first year only. It is for the general guidance of the students that they must observe the following :-

1. Regulation regarding the attendance requirements will be strictly enforced as per regulation 3 at page 151 of the Cal. Vol. I, 2007, which reads as under :-

“Every student shall attend his classes on all working days unless he is granted leave of absence by the Head of the Department/College. If a student remains absent from his classes for a continuous period of seven days without leave, his name shall be struck off the rolls. Provided that he may be allowed re-admission in accordance with the Rules”.

2. All the students may carry their Identity Cards while going to attend subsidiary classes in other departments.

3. The various Science Departments may co-ordinate the educational tours of their students in such a way that the subsidiary classes are not disrupted unduly.

4. The final certificate issued to the Hons. School students will indicate the number of courses/ reappears availed of by them for each course.

5. Wherever NRI is mentioned in Part-A of this Volume, it stands for the category Foreign National/NRI.

6. That the first three toppers of the Panjab University C.E.T. Entrance Test, i.e. one each in the category of General, Women and SC/ST who join the courses at the Panjab University Campus, may be exempted from payment of tuition fee during first year and subsequently on the result of 1st year/2nd year/3rd year Classes as the case may be. [Extract from Syndicate Paragraph-I, dated 26-4-2003].

Admissions :

All admissions to the various courses in the University will be governed by the Rules and Regulations for admission as approved by the relevant bodies of the university.

At the time of admission, the student should submit an undertaking whether he/she has any criminal background and has been convicted under any criminal offence. He/She should also state in the undertaking if any FIR is registered against him/her or if any criminal proceedings are still pending against him/her at the time of submission of application. Further, the student should also state in the undertaking that he/she will not possess/carry any weapon on the University Campus and if any weapon is recovered from him/her, he/she be rusticated.

(Syndicate Para 6, dated 29-3-2011)

Ph.D. Entrance Test :

Enrolment to Ph.D. in the Faculties of Arts, Science, Languages, Education, Design & Fine Arts, Pharmaceutical Sciences and Business Management & Commerce is based on Entrance Test except for certain categories approved by the Syndicate.

M.Phil. Admissions :

Admission to M.Phil. Course in the Departments of A.I.H.C.A., Economics, Gandhian Studies, Geography, History, Political Science, Philosophy, Police Administration, Public Administration, Sociology, C.D.N.S.S., English, Panjabi, Sanskrit, Botany, Physics, Statistics, Zoology, Physical Education and **P.U. R.C., Muktsar**, (Punjab) will be made as under :-

Eligibility :

The candidates who have passed the Master's examination with 55% marks (50% for SC/ST category) in aggregate or have appeared in the final year examination of Master's degree in the subject concerned, shall be eligible to appear in the Entrance Test.

The Entrance Test for M.Phil. Course is to be conducted by the concerned Department/Centre. The admission will be made strictly in accordance with the rules available at pages 323-327 of the P.U. Cal. Vol. III, 2009.

For the Rules and Regulations, please see Part-B (Rules for Admissions) of this Handbook of Information.

In case of any discrepancy arising out of the contest of Part-A and Part-B of this volume, Part-B will take precedence.

IMPORTANT DATES FOR ADMISSION

Following is the schedule for admissions to the University Teaching Departments for the session 2011-2012 :

Class/Course	Normal Admission Without late fee	Late admission to be allowed by the Chairperson of the Department, with late fee of Rs. 500/-	Late admission with permission of the V.C. with late fee of Rs. 1800/-
I. 1st Year of M.A./M.Sc./ M.Sc. (Hons. School)/ M.Pharm./M.Com. and all other Courses (except II below.	11.7.2011 to 23.7.2011	25.7.2011 to 6.8.2011	8.8.2011 to 31.8.2011
II. M.Phil./Certificate/Diploma/ Adv. Dip. Courses	2.8.2011 to 9.8.2011	10.8.2011 to 18.8.2011	19.8.2011 to 31.8.2011

- Notes :**
1. All the University Teaching Departments should strictly adhere to the dates of admissions as indicated above. In no case should any admission be made before the dates of normal admission as specified above.
 2. The Vice-Chancellor may permit late admission upto the date specified in the above mentioned admission schedule, on payment of late fee of Rs. 1800/- payable to the University. While recommending such applications for prior permission of the Vice-Chancellor, it may be ensured that the late fee of Rs. 1800/- has been remitted by the candidate.

The SBI Receipt No. and date may also be mentioned in the application. No application received without late fee of Rs. 1800/- will be entertained for granting prior permission of the Vice-Chancellor.

Prior permission of the Vice-Chancellor is necessary for admission after the expiry of the last date for each course as indicated in column 2 above. If such permission is not sought and the admission is made in anticipation of the approval of the Vice-Chancellor, post-facto permission will not be given.

A student whose result of +2 examination conducted by a *School Board* is published late *but not later than 10th August of the year of admission*, may be admitted without late fee within 15 working days of the declaration of the result, and his/her attendance shall be counted from the date of admission. *This would be applicable to an Open School Board also.*

3. In case admission dates fall on Saturday/Sunday, the University (Teaching Departments/ Administrative Offices) shall remain open.

Academic Term-I

1st, 3rd, 5th, 7th Semester	07-07-2011 (Thursday)	to	30-09-2011 (Friday)	(58 working days)
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Autumn Break	03-10-2011 (Monday)	to	05-10-2011 (Wednesday)	(3 days)
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University Reopens after Autumn Break	10-10-2011 (Monday)	to	25-11-2011 (Friday)	(32 days)
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Total working days of Academic Term = 90 days

End Semester Examinations	28-11-2011 (Monday)	to	15-12-2011 (Thursday)	15 including Saturday
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Academic Term-II

2nd, 4th, 6th, 8th Semester

University Reopens after Semester Examinations	02-01-2012 (Monday)	to	15-05-2012 (Tuesday)	(90 days)
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Total working days of Academic Term II 90 days

End Semester Examinations	17-05-2012 (Thursday)	to	30-05-2012 (Wednesday)	(14 days)
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(including Saturday)

Summer Vacation (Tentative)	31-05-2012 (Thursday)	to	08-07-2012 (Sunday)	(39 days)
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Total working days of academic term I & II = 90+90 = 180 days

Note : The departments are free to fix the dates of test/sessionals as per their convenience.

Adjustments, if any, in the Semester Schedule of certain University Teaching Departments may be allowed by the Dean of University Instruction in special cases.

LOCATION OF DEPARTMENTS AND PHONE NUMBERS*

Department	Location	EPABX Intercom No.
1. School of Social Sciences :		
1. Ancient Indian History, Culture & Archaeology	Arts Block No. II	4629
2. University Institute of Emerging Areas in Social Sciences (a) Social Works (b) Police Administration (c) Human Rights & Duties	Adjoining Botany Deptt.	4983
3. School of Communication Studies	Arts Block No. VII	4634
4. Defence & National Security Studies	Arts Block No. III	4398
5. Economics	Arts Block No. III	4720
6. Evening Studies	Arts Block-I	4645
7. Gandhian Studies	Gandhi Bhavan	4183
8. Geography	M.R. Sahni Hall	4258
9. Guru Nanak Sikh Studies	Old D.C.C. Building	4337
10. History	Arts Block No. II	4623
11. Library & Information Science	Arts Block No. IV	4769
12. P.U. Regional Centre, Muktsar		01633— $\left\{ \begin{array}{l} 263857 \\ 261489 \end{array} \right.$
13. Philosophy	Arts Block No. IV	4776
14. Political Science	Arts Block No. IV	4755
15. Psychology	Hans Raj Gupta Hall	4542
16. Public Administration	Arts Block No. III	4732
17. Sociology	Arts Block No. IV	4739
18. University School of Open Learning	DCC Building	4301
19. Women's Studies & Development	Arts Block No. VI	4762
2. School of Educational Studies and Development :		
1. Life Long Learning & Extension	Adjoining Botany Deptt.	4336
2. Education	Arts Block No. II	4601
3. Institute of Educational Technology & Vocational Education	Old DCC Building	4381
4. Physical Education	Arts Block No. II	4609
5. Community Education & Disability St.	RRC Building	4154
3. School of Fine Arts & Performing Arts :		
1. Arts History & Visual Arts	Fine Arts Block	4190
2. Indian Theatre	Open-Air Theatre	4658
3. Music	Old DCC Building	4339
4. University Institute of Fashion Technology & Vocational Development	Adjoining Botany Deptt.	4336

4. *School of Physical Sciences :*

1. Chemistry	Chemistry Block	4401
2. Computer Science & Application	Computer Science Block	4061
3. Swami Sarvanand Giri Regional Centre, Hoshiarpur		01882-282221
4. Geology	M.R. Sahni Hall	4235
5. Mathematics	Hans Raj Gupta Hall	4501
6. Physics	Physics Block	4446
7. University Institute of Emerging Areas in Science & Technology		
(a) Public Health	RRC Building	6192
(b) Medical Physics	Physics Block	4452
(c) Nano Science & Nano Technology	Physics Block	4460
(d) Stem Cell & Tissue Engineering	BMS Block	4967
(e) Microbial Biotechnology	CIL Building	4088
(f) Nuclear Medicine	BMS Block	4121
(g) System Biology & Bioinformatics	BMS Block	6182
(h) Petroleum & Applied Geology	Old UIET Building	4250
8. Statistics	Hans Raj Gupta Hall	4529

5. *School of Basic Biological Sciences :*

1. Anthropology	Vishwa Nath Hall	4223
2. Botany	Kashyap Block	4001
3. Zoology	Vishwa Nath Hall	4201
4. Institute of Forensic Science & Criminology	BMS Block	4197

6. *School of Medical & Biomedical Sciences :*

1. Biochemistry	B.M.S. Block	4131
2. Biophysics	B.M.S. Block	4119
3. Biotechnology	CIL Building	4085
4. Microbiology	B.M.S. Block	4140
5. University Institute of Pharmaceutical Sciences	B.M.S. Block	4101
6. Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital	Sector 25	4687
7. National Centre for Human Genome Studies & Research	B.M.S. Block	4109

7. *School of Business Management :*

1. University Business School	Arts Block No. III	4701
2. P.U. Regional Centre, Ludhiana		0161 { 2449558 2448917
3. University Institute of Applied Management Sciences	Sector 25	4889
4. University Institute of Hotel Management and Tourism (UIHMT)	Near Faculty House	4498

8. School of Engineering Sciences :

1. University Institute of Chemical Engineering & Technology	Chemical Engg. Building	4901
2. University Institute of Engineering & Technology	UIET Building Sector 25	4995
3. UCIMS/UAIF/CIL/RSIC	CIL Building	4047

9. School of Legal Studies :

1. Laws	Law Deptt. Building	4157
2. University Institute of Legal Studies	U.I.L.S. Building	4696

10. School of Languages :

1. Chinese and Tibetan	Arts Block No. V	4685
2. Dayanand Chair	Arts Block No. I	4666
3. English	Arts Block No. I	4638
4. French	Arts Block No. V	4681
5. German	Arts Block No. V	4683
6. Guru Ravi Dass Chair	Old DCC Building	4338
7. Hindi	Arts Block No. II	4616
8. Punjabi	Arts Block No. I	4653
9. Bhai Vir Singh Chair	Arts Block No. I	4668
10. Sheikh Baba Farid Chair	Arts Block No. I	4345
11. Punjabi Lexicography	Arts Block No.V	4673
12. Russian	M.R. Sahni Hall	4273
13. Sanskrit	Arts Block No. I	4646
14. Urdu	Chem. Engg. Building	4936
15. Vishveshvaranand Vishwa Bandhu Institute of Sanskrit and Indological Studies, Hoshiarpur		01882-221002

11. School of Environmental Sciences :

Environment & Vocational Studies	Kashyap Block	4015
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*Please prefix 253 to the above numbers in case you are ringing from BSNL Telephone from outside or within the University. For example to contact the office of the Dean of University Instruction, please ring up 2534291 from BSNL Phone, and 4291 from EPABX number within the University Campus.



PANJAB UNIVERSITY : A PROFILE

An Overview

As an Institution which has gone through the vicissitudes of time, the Panjab University has demonstrated its resilience, durability, utility and acceptability as a unique institution of higher education. Retaining the time honoured and valued subjects of study, it has simultaneously started programmes in emerging areas and provided infrastructure of a substantial nature to provide quality education.

Report of the National Assessment and Accreditation Council, Bangalore, 2001.

The Panjab University offers a beautifully laid out compact campus with modern amenities in a pollution-free environment. With its most modern laboratories and equipment, and one of the largest libraries in Asia, the University has a long tradition of pursuing excellence in teaching and research in science, technology, medicine, humanities, social sciences, learned professions, performing arts and sports. Nearly 13,000 students on its campuses come from all over India, besides the SAARC countries, the Middle-East, Africa and South-East Asia. An equal number of students are covered by the distance education programmes of the University. A special provision has been made for the admission of Non-Resident Indian students. The faculty of the University includes over 750 specialists, many of whom are internationally renowned scientists and academics. The celebrated Indian and foreign scholars visit and interact with the faculty and students of the University. By now, it has entered into programmes of collaboration and exchange with several reputed universities abroad. The Panjab University is chosen by the Government of India, University Grants Commission and other all India bodies for their special research programmes.

History

Of all the modern universities in the Indian subcontinent, the Panjab University has had a somewhat exceptional history and development. Originally founded at Lahore in 1882 as the fourth Indian University, it grew both as a teaching and examining body. After Independence, the Parliament of India reincorporated the Panjab University for 'imparting education', 'furthering advancement of learning', and for 'prosecution of original research' in various fields. However, the dislocation resulting from Partition in 1947 scattered its offices and teaching departments at various places in the East Punjab and Delhi. Finally, in 1956, the Panjab University came to be located at Chandigarh which was developing as the new capital of the Punjab State. The red sand stone campus of the University, designed by the French architect Piere Jenerette under the overall guidance of the renowned Le Carbusier, was ready by the early 1960s.

After the Reorganization of Punjab in 1966, the Panjab University became an Inter-State Body Corporate, and catered to the newly organized states of Punjab and Haryana, and the Union Territories of Himachal Pradesh and Chandigarh. At present, 188 colleges from Punjab and Chandigarh are affiliated to the Panjab University which has its regional centres and extension libraries at Muktsar and Ludhiana, and Visveshvaranand Vishva Bandhu Institute of Sanskrit and Indological Studies and Swami Sarvanand Giri Regional Centre at Hoshiarpur. The University is maintained jointly by the Central and State governments in the ratio of 60 : 40, respectively. Its annual tentative budget for 2011 is Rs. 389.66 crores.

The Campus

The main campus at Chandigarh is spread over an area of over 550 acres in sectors 14 and 25, and has fairly well-marked zones : the teaching area in the north-east, with the Central Library, Fine Arts Museum, and three-winged structure of the Gandhi Bhawan forming its core; the sports complex, the health centre, and the shopping centre in the middle; 17 university hostels on the flanks and the south; and the residential area in the south-east, stretching into the adjacent sector 25 which also houses the newly developing University Institute of Engineering and Technology and Dr. Harvansh Singh Judge Institute of Dental Sciences and Hospital.

As a self-sustaining township, the University campus has other amenities like the State Bank of India, Canara Bank, Post and Telegraph Office, public transport system, open air theatre, guest and faculty houses, seminar complexes, staff club, several spacious lawns, botanical and medicinal herbs gardens, a newly laid rose garden, a school and a day-care centre for the employees' children. The campus is adjacent to the premier medical institution of the northern region known as the P.G.I. (Post Graduate Institute of Medical Education and Research). The teaching departments, students' hostels, faculty residences and other amenities are all within walking distance from one another.

Teaching Departments

The 75 teaching departments and 15 centres/chairs on the campus are grouped under the School System : Schools of Social Sciences, Educational Studies and Development, Fine Arts & Performing Arts, Physical Sciences, Basic Biological Sciences, Medical & Biomedical Sciences, Business Management, Engineering Sciences, Legal Studies, Languages and Environmental Sciences. Most departments have their own specialized libraries, and the working period runs for at least 180 days.

Constant in approach to make this Institution of higher learning a globally competitive leader, while discarding the obsolete and not so popular courses, the University introduced new courses prominent among which include M.B.A. in U.I.A.M.S., B.E. with M.B.A., 3 P.G.'s Diploma in School of Communication Studies, M.A. in Disaster Mgt; Master in Remote Sensing, M.A. in Community Education & Dev; B.Ed.–Special Education with Specialization in Learning Disability and B.Sc. (H.S.) & M.Sc. (H.S.) in Physics & Electronics.

Centres of Excellence

Recognizing the excellence in teaching and research, the University Grants Commission and more recently Department of Science and Technology, have recognized a large number of teaching departments under various programmes such as SAP/DRS, COSIST, CAS and FIST. The departments covered under various UGC and DST programmes include :

CAS-7	Chemistry, Geology, Mathematics, Physics, Sociology, Zoology and University Institute of Pharmaceutical Sciences.
DRS-9	Biochemistry, Biophysics, Botany, Economics, Education, Microbiology, Political Science & Centre for Geopolitics, Statistics and UBS.
DSA-6	Anthropology, Biophysics, Biotechnology, Geography, Political Science and Zoology.
COSIST	Mathematics, Physics, Statistics and Zoology.
FIST	Biochemistry, Botany, Chemistry, Mathematics, Microbiology, Physics, UCIM, Statistics, Biotechnology, Biophysics, UIPS and Geology.
ASIHSS	Anthropology, Philosophy, Political Science, Sociology and University Business School.
Promotion of Gandhian Studies	Gandhian Studies.
Assistance under Emerging Area	Biotechnology, Environment Science.

Research Programmes

With the provision of well-equipped laboratories, specialized reference libraries, and sophisticated equipment, the teachers and students are active in research in several frontline areas. The University offers postgraduate research programmes leading to different degrees. The University has introduced a test for enrolment for Ph.D. followed by a course work and also awards some research fellowships. Many faculty members and research scholars are engaged in collaborative research projects at the national and international levels. A large number of major research projects are sponsored by national agencies like UGC, DST, CSIR, ICSSR, ICPR and NBHM.

Energy Research Centre was established in 1983 at the Panjab University to promote Research and Development and Extension activities in the emerging fields of Renewable Energy. It has emerged as a major focal point of R & D and extension on energy and environment at the national and international level.

The University has been recognized as the “University with Potential for Excellence in Bio-Medical Sciences” by the UGC and the facilities for Stem Cell Research and Drug Development are being created with grant obtained under this scheme. It was also chosen for participating in the international collaboration for research for North Particles and the Large Hadron Collider (LHC) CERN, Geneva CMS Experiment, with a Government of India grant of Rs. 2.49 crores.

The University has instituted special Chairs in different areas exclusively for research. The research findings are disseminated through books, research papers and journals. In addition to the journals of some individual departments, the University publishes research bulletins for Sciences, Social Sciences, and Arts. These interdisciplinary research journals are refereed and internationally circulated.

The Central Library

The Central Library of the University, named after Professor A.C. Joshi, is known for its spaciousness, rich collections and the reader friendly facilities. Its five storey building is centrally air-conditioned and has large reading halls and compact stack areas with open access. The Library has a collection of nearly 7.1 lacs volumes, both rare and the latest, and nearly 639 current periodicals, with the back numbers going as far back as the nineteenth century. There are around 1500 rare manuscripts in classical and regional languages. This Library possesses facilities like photocopiers, overhead projectors, e-mail, internet, multimedia, CD-ROM databases, fax, inter-connected computer terminals, on-line journals, and a digital library. The Library provides computer access facility for the visually impaired students. The University Library has been recognized as one of the six national centres for data-information-distribution in the UGC's INFLIBNET programmes.

Central Facilities

The University is one of the six centres in the country for super-computer facilities to serve the entire north-western region. The University is also a Special Centre of Technology Information Forecasting and Assessment Council (TIFAC), DSC, Govt. of India. The University is able to provide Internet connection for more than 500 terminals for the use of faculty members and students and a provision of EPABX, Intercom connections to all the faculty members in the teaching departments. The University also has a DST supported Regional Sophisticated Instrumentation Centre along with Central Instrumentation Library (CIL) and University Science Instrumentation Centre (USIC) to serve the scientific community not only on the campus but in the region. The Centre for Industry Institute Partnership Programme (CIIPP) has been active in promoting formal and effective academic-industry interface.

Students' Council

The office of the Panjab University Students' Council is located in the Student Centre. The Student Centre is the hub of students' activities— academic, cultural, social and political. The Students' Council consists of the departmental representatives and other office bearers, i.e., President, Vice-President, Secretary and Joint-Secretary, directly elected by the students from the various teaching departments on the campus. The Dean Student Welfare is ex-officio Chairman of the Council. The Students' Council organizes youth festivals, both national and international, academic debates, literary and cultural events, and educational and excursion tours for the students.

Other Special Features

- A large number of scholarships of varying amounts and other forms of financial assistance and support are available to the deserving and needy students.
- Students get counselling for personal problems as well as career development.
- The University has excellent playgrounds, a gymnasium and a swimming pool of international standards for its sports activities. It won the coveted Maulana Azad Trophy for sports during 2005-06.
- Seminars, Conferences, Workshops, Training Programmes and Symposia in Sciences, Humanities, Social Sciences and Professional Subjects are conducted on the campus throughout the year.
- The Gandhi Bhawan houses a library on Gandhian Studies, an auditorium and a seminar room. It attracts scholars as well as tourists from all over the world for its wonderful architectural form and rich collection.
- There are four museums (Fine Arts, Ancient Indian History Culture and Archaeology, Zoology and Anthropology) on the University campus.
- The Department of Indian Theatre has its own theatre lab which is unique in the country.
- The University has an IAS Coaching Centre for training for Civil Services examinations, allied services and various other competitive examinations.
- The North-Western Regional Centre of the Indian Council of Social Science Research on the campus has a busy seminar complex, guest house for the visiting scholars, and a well stocked library. It regularly hold seminars on subjects of contemporary relevance.
- The Academic Staff College of the Panjab University is one of the first to be created by the UGC and holds refresher and orientation courses for in-service University and College teachers throughout the year. It has been provided with EDU-SAT Programme by the UGC. It also holds short-term training courses for administrators, researchers and others.
- The University has an active Alumni Association, and receives substantial donations from its alumni for developmental programmes, including construction of various buildings.

A. C. JOSHI LIBRARY

A. C. Joshi Library, as the Panjab University Library is officially named after an illustrious former Vice-Chancellor Prof. A.C. Joshi, is one of the largest university libraries of the country. Housed in a five storey centrally air-conditioned building in red stone, it has spacious reading halls and compact stack areas, with open access. With modular design, it is based on modern principles of architecture. The main reading halls of the Library, facing the Shivalik Hills, afford a panoramic view of the natural surroundings.

Endowed with manuscripts on the one hand and DVDs on the other; periodical holdings going back to the 19th century on the one hand and reference material in multimedia on the other; textual and bibliographical material of the pre-Independence period on the one hand and the online sources on the other, the Panjab University Library presents a blend of the old and the new under the same roof.

Facilities

The Library has a seating capacity for 600 readers. It is a fully computerized Library with an integrated system connected to the Campus network and possesses facilities like photocopying, fax, e-mail, Internet, On-line Public Access Catalogue (OPAC) multimedia, CD-ROM databases and on-line books and journals. Besides the two main reading halls, there are separate areas for text books, theses and rare books, newspapers, and current periodicals. There is provision of an Outer Reading Hall for studying personal books in the Library, round the clock.

There is provision of 24 research carrels for faculty members engaged in serious research work and 100 lockers for research scholars.

OPAC

The Library has in-house database of books, journals, theses and other reading materials. This data base is accessible through card-catalogue, Online Public Access Catalogue (OPAC) and Web-OPAC which is accessible through Library website. (library.puchd.ac.in).

Digital Library

The Library has got a digital library which serves as an access point to all the academic resources mentioned above. The Digital Library is equipped with computers of latest configuration with the facility of CD-writing and hard copies of journal articles. The Digital Library is augmenting the research activities of the research scholars and teachers. Besides this, the Library has its own Reprographic Section.

Collection

The Library houses nearly 7.1 lakh volumes, which include books, bound volumes of journals, theses/dissertations, rare books, reports government documents, back files of newspapers, CD-ROMs and a prized collection of 1492 manuscripts.

The Library is subscribing to 639 periodicals, a number of which are received on-line alongwith their print versions. The Library is also having access to about 4500 on-line journals through UGC's INFONET programme and MHRD's INDEST Consortium. These on-line journals can be accessed through Campus network. Besides, about 8,000 on-line journals and miscellaneous reference sources in the public domain are accessible through the Library Website—library.puchd.ac.in

What is where

<i>Office/Division/Section/Cell</i>	<i>Location</i>	<i>Incharge/Contact Person</i>	<i>Telephone (EPABX)</i>
University Librarian	II Floor	Dr. Raj Kumar	4551, 2548159
Deputy Librarian (Coordination/ Collection Development)	III Floor	Mrs. Neelam Sharma	4552
Deputy Librarian (Readers Services)	Gr. Floor	Dr. (Mrs.) Rashmi Yadav	4553
Deputy Librarian (Admn.)	IV Floor	Mr. V.K. Grover	4554
Deputy Librarian (Periodicals)	III Floor	Ms. Navjeet Kaur	4559
Reference Section	I Floor	Mrs. Neeru Bhatia	4561
Circulation Section	I Floor	Mrs. Arun Prabha	4558
Technical Section	I Floor	Mr. Jivesh Bansal	4564
Acquisition Section	III Floor	Dr. Payare Lal	4556
Special Collection/Archival Section	Gr. Floor	Mr. Mritunjay Kumar	4579
Text-Book Section/Theses Section	Gr. Floor	Mrs. Indumati Dhawan	4579
Science Collection/Transfer Cell	III Floor	Mrs. Leena Khullar	4562
Computer Room	II Floor	Mr. Vinod Garg	4578
Binding	Gr. Floor	Mr. D.P. Sharma	4557
Office Administration	IV Floor	Mrs. Raj Rani	4555

Timings

The Library is kept open from 8.00 a.m. to 10.00 p.m. on all days of the week throughout the year, barring three national holidays. However, the Outer Reading Hall is kept open all the 24 hours a day. Books are issued and returned from 9.00 a.m. to 4.30 p.m., Monday to Friday. However, readers can avail issue/return facility after normal working hours through RFID Self-check and Book Drop System.

Membership

The membership of the Library is open to all bonafide students of the University teaching departments, all teaching and non-teaching staff of the University, fellows of the University, teachers of colleges affiliated to the Panjab University, eminent persons as Special Members, and institutional members under the Industry-Institute Partnership Programme.

Reader Services

Personalised reference service is the hall mark of the Library. Library Orientation Programmes are conducted in the beginning of each academic session for new entrants. A reader can approach any staff member for assistance, though Reference Desks are located in each Reading Hall. Newly processed books are brought to the notice of readers through weekly displays near the entrance of the Library.

The Library also arranges books on inter-library loan to and from other libraries on specific demand. For the purpose of resource sharing, the Library is a member of library networks at the national level like Developing Library Network (DELNET) and Information & Library Network (INFLIBNET) programme sponsored by UGC.

The Library provides computer access facility for the visually impaired students.

Document Delivery Centre

The Library has been designated by the INFLIBNET/UGC as the Document Delivery Centre for North-West region. Under this arrangement, copies of articles appearing in periodical publications received in the Library are supplied on demand, through e-mail/post to libraries in the region.

JCCC

The Panjab University Library is one of the 22 libraries designated by INFLIBNET for providing inter-library loan and document delivery services from the comprehensive collection of subscribed journals under its recently initiated JCCC@UGC-INFONET programme.

RFID Technology

The Library has introduced the latest RFID Technology alongwith new integrated Library Management Software to facilitate efficient issue/return of books including auto issue/return, better stacks management, inventory control and an improved security system for books in the Library.

Digitization

The Library is in the process of digitizing its manuscript collection.

Computer Science and Applications

The Computer culture at Panjab University dates back to 1966. By now an independent department exists with facilities of super-computing, well-equipped Computer Lab., internet access and e-mail. Each university department has access to the central computing, with internet and e-mail facilities, which are being brought to the desktops. Panjab University is one of the six centres identified by the Department of Sciences and Technology, Government of India to have super-computing facilities.

Sophisticated Instrumentation Centre/UCIM

One of the most modern instrumentation centres in the country, this setup houses Regional Sophisticated Centre, University Science Instrumentation Centre, and Central Instrumentation Laboratory. The instruments in the Centre are for analytical, spectroscopic and structural studies. The facilities of the Centre are available to the researchers in academic institutions and the industry. These instruments facilitate quality control. Besides meeting the needs of individual scholars, the Centre provides consultancy services to nearly 300 organizations to promote interaction between Industry and Research Institutions. Two professional courses (M.Tech. Instrumentation and M.Sc. Instrumentation) are imparted here.

Scholarships and Financial Assistance

Financial support is available to deserving and needy students on the Campus. A large number of scholarships of varying amounts, under the various schemes of Government of India and the state governments, and those instituted by private agencies and trusts are awarded every year. In addition, fee concessions, financial assistance, loans and other forms of support are also provided to the deserving and needy students by the University.

Foreign Students

A large number of foreign students from Asian and African countries have been studying at different levels at Panjab University. During 2010-2011 their number was nearly 108. Additional seats have been created for Non-Resident Indians in several disciplines. The Dean International Students looks after the welfare of the foreign students and also maintains liaison with the university authorities and outside agencies.

Counselling and Career Development

The students get counselling for further specialized training, admission tests and fellowships abroad, job opportunities and placement prospects. In some cases, the corporate sector and placement agencies send their selectors to the university campus for directly recruiting the meritorious students during the final year of professional courses. Counselling for personal problems, facilitating physical and emotional adjustment on the campus, is also available. Sometimes special workshops are organized to help students to learn more about themselves, their aptitude and abilities, and to enable them to overcome their limitations. Counselling and relevant information is provided by the Employment Information and Guidance Bureau and the University Information and Advisory Bureau.

Centre for IAS & Other Competitive Examinations

The Coaching for IAS and Other Competitive examinations admits students through an entrance test followed by interview. In the course of the coaching, students get exposure to specialized expertise available on the Campus. The UGC-NET examination is held in June/December every year and the Centre provides one month coaching for the examination. The Centre also provides coaching for PCS Judicial examination. A teacher co-ordinator and an honorary director look after the Coaching Centre.

CAMPUS OFFICES AND ACTIVITIES :

Dean of University Instruction

Under the overall direction of the Vice-Chancellor, the office of the DUI is the nerve center for all matters concerning the teaching departments. The grant of fee concessions and disbursements from the Students' Amalgamated Fund are its concern too. The coordination and promotion of research activity of the university is a major responsibility of the DUI.

DEAN STUDENT WELFARE

The Dean, Student Welfare and the Dean Student Welfare (Women) look after the functioning of the University hostels, conduct of election to the student bodies, planning and organizing of cultural and extra-curricular activities on the Campus. They disburse cultural scholarships and financial assistance to campus students.

The Dean Student Welfare Office functions under the overall control and supervision of the Deans Student Welfare. The team consists of:

Prof. Naval Kishore
Dean Student Welfare

Prof. (Mrs.) Kalpana K. Mahajan
Dean Student Welfare (Women)

Sh. Devinder Marwaha
Deputy Registrar

Mrs. Ekta Bajaj
Dietician

The Office of the DSW is located in the Student Centre. It has the following constituents to promote the general welfare of the campus students.

Panjab University Campus Students' Council:

Duly elected P.U.C.S.C. is constituted every year for having liaison with the students of the Campus. This Council organizes various cultural functions and also helps to promote sports and extra-curricular activities on the Campus.

Activities:

The Panjab University Campus Students Council and departmental societies organize various kinds of Academic, Cultural, Social and Extra-curricular activities to promote students' involvement and participation in these programmes and to enrich the Campus atmosphere in general. Blood Donation Camps are also organized.

Campus Reporter:

This is an in-house publication printed annually for circulation amongst the campus students and the faculty members on the Campus. It aims at providing a forum for expression to the students and is published with their active cooperation. Besides giving wide coverage to the activities of the students and the personal contributions, various competitions such as short story writing, essay writing and poetry, cartoon and painting competitions are organized for the campus reporter. The winners are awarded prizes and their entries are published. The publication has sections in English, Hindi, Punjabi, Sanskrit, Urdu, Science, Persian, Law etc.

Campus Representation in Cultural & Literary Competitions:

The Campus teams are selected, trained and financed to participate in inter-College and inter-University Cultural and Literary competitions. The performance of these teams has been outstanding and they have been annexing trophies and overall best awards for the last many years. This office is also arranging Inter-college and Campus competitions.

Educational Tours:

Subsidized educational tours are undertaken by students under different educational programmes for data collection, field surveys, visits to industries, business houses, financial institutions, legislatures, libraries, laboratories, training institutes, museums, archaeological sites and places of historical importance. Most of these tours are integral part of the course structure of the departmental concerned and are guided by teachers.

Cultural and Youth Programmes:

Cultural activities and youth programmes provide opportunities for the expression and development of latent potentialities of the students by encouraging them to find outlets in joyous and constructive ways. The students participate in inter-college and inter-university cultural and literary competitions, zonal youth festivals, hiking and trekking expeditions, rock climbing, mountaineering and youth leadership training camps. These programmes are organized and coordinated by the Cultural Coordinator/Director, Youth Welfare and the Dean Student Welfare.

Students Scholarships:

The Office of the DSW is providing the following subsidies/financial assistance/scholarships to the Campus students:-

1. *Need Based Assistance, Need-cum-Merit and Handicapped Scholarships* : These scholarships are paid for nine months a year to the students recommended by the Chairpersons as per conditions laid-down for the award out of “Students Scholarship Fund”.
2. *Sports Scholarships* : This scholarship is awarded on the basis of the grading done by the Sports Department based on the performance of the Campus students in various sports activities. This scholarship is paid for nine months a year out of “Students Scholarship Fund”.
3. *Extra-mural Activities Scholarship* : This scholarship is paid out of the “Amalgamated Fund”. The performance of the campus students in various Extra-mural activities like debates, seminars, one-act play etc. is the deciding factor for award of the scholarship. This scholarship is a fixed amount to be decided by the Vice-Chancellor on the recommendations of the Committee.
4. *Financial Assistance* : Financial assistance is paid out of “Poor Students Welfare Fund” to the P.U. Hostels residents.
5. *Food Subsidy* : Food subsidy is also paid to the deserving hostel residents. The recipients of food subsidy will do some duty/work in the hostel as may be assigned by the Warden.

Student Centre:

Student Centre is housed in an attractive cylindrical building almost at the Centre of the University Campus. It has a large indoor game section on the first floor in which facilities for a number of games like carrom, chess and table tennis are available. A stereo-set with adequate provision of Indian and Western discs and a coloured LCD TV set are added attractions of this section. There is a spacious reading room on the second floor in which students can browse over a variety of newspapers and periodicals in cosy atmosphere. GD-1: Best of all GD Channels, GD-2: Interactive Distance Education and GD-3: Technical Education under the auspicious of Indira Gandhi National Open University (IGNOU), New Delhi have been provided in the library of the Student Centre which broadcast Gyan Darshan programmes. This venture has been catalysed by the Ministry of Human Resource Development, Prasar Bharati & IGNOU for the benefit of the student community. This is one of the new additions to the Student Centre. Spacious room establishing a Placement Cell for the benefit of the Campus Students exists on the 2nd floor of the Student Centre. The top floor of the Student Centre building houses a modern cafeteria, where light beverages, snacks, South Indian delicacies/dishes are available at concessional rates. A stereo-set has also been installed in the Cafeteria. The shops adjoining Student Centre are mainly run for the convenience of Campus students.

Hostels :

There are sixteen multi-storey hostels on the Campus. Eight of these are for boys and eight for girls. Girl students constitute the majority of boarders. Accommodations for girls have also been provided in Working Women Hostel which is equipped with all modern facilities. A new Sports Hostel has been built for visiting sports teams. Besides two more hostels are also proposed to be constructed soon.

D.S.W. Office Phone Nos. : 2541176, 2541596

DSW (Women) : 2541596, 2534573

D.R. (DSW) : 2541596, 2534565

Name of the Hostel	Phone Office	Intercom Hostel
Boys' Hostel No. 1 (Mehr Chand Mahajan Hall)	2541313	4670
Boys' Hostel No. 2 (G.C. Chatterjee Hall)	2541312	4671
Boys' Hostel No. 3 (Bhatnagar Hall)	2541310	4672
Boys' Hostel No. 4 (Patel Hall)	2541092	4027
Boys' Hostel No. 5 (Lajpat Rai Hall)	2541060	4028
Boys' Hostel No. 6 (Teja Singh Hall)	2541316	4029
Boys' Hostel No. 7 (Swami Vivekanand Hall)	2541081	4430

Name of the Hostel	Phone Office	Intercom Hostel
Boys' Hostel No. 8 (Baba Banda Singh Bahadur Hall)	2534426	4426
Women's Hostel No. 1 (Mata Gujri Hall)	2541049	4482
Women's Hostel No. 2 (Laxmi Bai Hall)	2541439	4483
Women's Hostel No. 3 (Sarojini Hall)	2541929	4382
Women's Hostel No. 4 (Kasturba Hall)	2541562	4383
Women's Hostel No. 5 (Savitri Bai Phule Hall)	2541261	4975
Women's Hostel No. 6 (Mother Teresa Hall)	2783814	4378
Women's Hostel No. 7 (Bebe Nanaki Hall)	2720047	6193
Women's Hostel No. 8 (Florence Nightingale Hall)	2710780	4855
Working Women Hostel	2727198	4198

In addition to cubicles and dormitories, each hostel has guest room, essential services of tailor, laundry and barber. There is a special arrangement of indoor games (carom, chess, table tennis etc.), reading materials (newspapers and magazines), music system and LCD T.V. for recreation of residents. Outdoor game facilities like badminton, volleyball and basketball have been provided in the sprawling green lawns of the hostel. Recently cybercafé, wi-fi and gym. facilities have been added to all hostels.

With a view to ensuring food as per liking of residents, they (residents) are encouraged to run co-operative messes and the Dean of Student Welfare ensures all possible facilities in this direction. This is planned with a view to create healthy competition with the contract messes.

Modern facilities like cooking gas, fans, deep-freezers, geysers, water-coolers, desert-coolers, etc. have been provided in the hostels. Besides, cooking gas connections have been installed in all the hostels. To ensure good food for the residents, food is prepared under the supervision of a Dietician. The mess and canteen servants have been provided with summer & winter uniforms and hand-gloves to ensure hygienic conditions. The servants/contractors are extended the medical assistance in case of need.

The Dean Student Welfare reserves the right of admission to all the University Hostels. Each Hostel is administered by a Warden (Teacher) and supporting staff. Application for hostel accommodation is to be submitted by the student on the prescribed form available from the Cash Counter, S.B.I. extension counter at Panjab University, Chandigarh. The Dean Student Welfare has been entrusted with the overall responsibility of directing and functioning of the hostels and maintaining discipline.

The residents are required to observe the rules printed in the Handbook of Rules for Residents of the Panjab University Hostels for the relevant years.

Important Note: Hostel Seats are limited (See University Website puchd.ac.in) and these will be allotted exclusively on the merit basis as per the quota allotted to the Departments.

Extension and General Awareness Programmes

The University reaches out to the wider public also through its Centres for Computer Science, Energy Research, Population Research and Adult and Continuing Education. At the regional level it looks after total literacy programmes and publishes teaching-learning packages and training materials. The UNESCO Centre organizes programmes promoting international understanding, global peace, human rights, general health, and freedom from drug abuse. Through its inter-disciplinary programmes, the U.G.C. Academic Staff College offers Orientation and Refresher Courses for the College and University teachers. Some of these courses focus on vital issues like environment and gender relations. The office of the Dean of Alumni Relations maintains a link with the old graduates of Panjab University and provides a forum to them for exchange of ideas on academic, cultural and social issues of the day. The P.U. Extension Library at Ludhiana meets the needs of the students, teachers and the general public in and around the city.

Publication Bureau

The University publishes text books, general books and works based on research. Established in 1948, its Publication Bureau has brought out over a hundred scholarly and general works and over 200 text books. Several of these have run into multiple editions and reprints. The Bureau holds periodic exhibitions of its publications. The University also has a modern printing press of its own.

Dean College Development Council

The developmental aspects of colleges affiliated to the university, such as the UGC grants, vocationalization, teachers' training and affiliation for new courses are taken care of by the Dean, College Development Council.

Public Relations Department

An important link with the public, government agencies, and the media, this Department provides the channel of communication also within the Campus-between the University authorities, the Teaching Departments and the students. The P.U. News, a quarterly of events on the Campus and the affiliated colleges, is brought out by this Department. The Director, Public Relations also assists in the media-coverage of seminars and special lectures and gives formal and informal counselling to students and general public.

Grievance Cell

Grievance Cell is constituted for a period of two years consisting of at least six members for redressal of complaints of sexual harassment of women employees/female students. The cell is headed by a woman professor as its Chairperson and has 50% of its members as women employees. Its members include a woman counsellor and a person with legal background.

Administrative offices

The massive university secretariat housed in the five-storey Administrative Office has three well marked branches looking after General Administration, Examinations and Finance. In addition to the matters concerning the Faculty and students on the Campus, this office deals with over a hundred affiliated colleges and conducts various examinations.

DEAN OF INTERNATIONAL STUDENTS

Dean of International Students (Charge with DSW)

The Office of the Dean of International Students is located in the Students Centre (Ground Floor), Panjab University on the University Campus.

The Dean of International Students maintains close liaison with the Indian Council for Cultural Relations (ICCR) in regard to their Programs for the International Students. He/ she also maintains liaison with Dean of University Instruction, as well as Principals of Affiliated Colleges in Chandigarh in regard to the welfare of International students.

The office of the Dean of International Students helps International students in organizing their cultural functions/sports etc. The department organise various activities such as educational trips, cycling competition and various social functions.

The students requiring expenditure certificate or assistance with their remittances are advised to contact the office of the Dean of International students.

The Dean of International Students lays down guidelines for admission of International Students to all the Institutions affiliated to the Panjab University in Chandigarh and maintains record/particulars of each student.

The International students can approach this office for advice and assistance in finding suitable hostel or residential accommodation at Chandigarh for Govt. of India sponsored International students.

The students wishing to join any of the University Teaching Departments/Colleges affiliated to the Panjab University for the first time are required to obtain an eligibility certificate. ***This certificate is issued by the Deputy Registrar (General) Panjab University, Chandigarh.***

The Registration fee for the International students is U.S. Dollars 440/- or its equivalent thereof. The International students admitted to various P.U. Teaching Departments/ Local Affiliated Colleges are required to pay '**International Students Welfare Fee**' @ **Rs. 545/- per student per year (both old and New)**.

A large number of International students have been studying at different levels at Panjab University. During 2010-2011, their number is 274 (107 students in Panjab University & 167 in local affiliated colleges). Additional seats have been created for Non-Resident Indians in several disciplines. The Dean of International Students looks after the welfare of the international students and also maintains liaison with the university authorities and outside agencies.

Note :

1. *For further information, please e-mail at the address given as under :*
dis@pu.ac.in
2. *Our Telephone/FAX is as under:*
0172-2541873

DIRECTORATE OF SPORTS

The faculty members of this Directorate are :-

Dr. C.S. Grewal	University Director of Physical Education
Dr. Dolly	Deputy Director Physical Education
Dr. Vishav Mohini	Deputy Directress Sports
Dr. Rakesh Malik	Asstt. Director Physical Education

The Directorate of Sports, Panjab University was set up in the year 1948. There are 180 men, women, co-educational & Educational College affiliated to the University. Panjab University Sports Committee has been formed to guide, frame policy and co-ordinate the sports activities. In order to encourage sports activities of the rural and small colleges, the Directorate has divided the affiliated colleges into 'A', 'B' and 'C' Divisions, according to the strength of students so that the balance be maintained between rural and urban colleges. Directorate of Sports functions under the overall control and supervision of **University Director of Physical Education.**

The Directorate of Sports is located in the Panjab University **Jawahar Lal Nehru Complex Building (Gymnasium Hall)**. This complex has a magnificent air conditioned gymnasium hall for in-door games with international standard facilities and equipment for badminton, table-tennis, kabaddi(NS), weight lifting, judo and wrestling. A separate fitness centre for men and women and a well equipped physiotherapy laboratory has also been established in the gymnasium hall. A swimming pool of international dimension is also available in the university campus which is used for all the swimming competitions held in this city. An all weather Pool is coming up for which the Worthy Vice-Chancellor has sanctioned Rs.1 crore.

Directorate of Sports has its own sports hostel to accommodate the sports persons who come to participate in the inter-college or inter-university competitions. This hostel has a three storey building to accommodate about 200 players. Another girl's sports hostel is going to be constructed within a year to accommodate about 300 sportspersons with eight official rooms. It will go a long way in the improvement of sports standards of the university players.

Our aim Excellence in Sports.

The main objective of the Directorate of Sports is to foster sportsman spirit inculcating sense of discipline, co-operation, social harmony, integrity and fitness among the players. Directorate of Sports feels concerned about the health and fitness of Panjab University employees also and organizes a physical fitness festival for them every year. Employees participate in games like football, volleyball, table-tennis, badminton, cricket, tug of war and athletics. The participation of the University employees is always encouraging. It has proved to be a very useful scheme for the university employees.

The latest and modern equipments for all the games are available for the use of the University players. The Directorate of Sports organized about 94 Inter College and 4 Inter University competitions in various games this year. The Directorate of sports fielded 62 teams both for men and women in Inter University competitions and arranged coaching camps in these games under the supervision of expert coaches.

Beside the above mentioned activities Directorate of Sports has also taken care of the Physical fitness of the students and promotion of sports on the campus, arrangements for all the games in which Panjab University participates in the Inter-varsity competitions exist in the University, Coaching and training facilities, spacious playgrounds, an excellent swimming pool, modern gymnasium hall and the latest equipments are available to the students.

The campus has some first-rate teams which have been winning the Panjab University Championships for the last several years. Quite a number of players of P.U. Campus are selected in the University and national teams every year.

Outstanding sports persons are given financial concessions and other incentives. Merit scholarships are also awarded to such persons. Players of all the teams representing P.U. Campus in the inter-college competitions are given uniforms (free of cost) & refreshments during coaching camp to encourage more participation in the sports competitions.

Inter-Hostel championships in almost all the major games are held every year and running trophies are awarded to the winning hostel teams. Inter-departmental cricket matches are also being held regularly.

Campus open championships are also organized every year. Campus teams are sent to participate to the local matches and also represent Chandigarh in the Inter-State and the National Championships.

5% seats are reserved for sportspersons in the teaching departments. Students admitted under this category are required to attend the grounds regularly, failing which their admission is liable to be cancelled from the department. It has been done to encourage more participation among the campus students.

Infrastructural and other Facilities in the Directorate of Sports

Directorate of Sports functions under the overall supervision of University Director of Physical Education. The Directorate has the following spacious and lush green playgrounds within the University Campus :-

1. 400 meters grassy athletic track (8 lanes)
2. Two Basketball cemented courts of International standard (with flood lights)
3. Four Volleyball Courts
4. One Hockey ground
5. Two Football grounds
6. Two Handball Courts
7. Two Kho-Kho Courts
8. Two Kabaddi Courts
9. Three Softball grounds
10. Two Cricket grounds
11. One Netball ground
12. One Korfbal ground
13.
 - (i) Two Synthetic Lawn Tennis courts
 - (ii) Eight Grassy Lawn Tennis Courts
 - (iii) One Cinder Lawn Tennis Court

The outstanding sports persons who bring honour to the University are given incentives and cash awards.

Directorate of Sports always helps the Chandigarh Administration, U.T. Sports department and other sports agencies in the conduct of national and international level competitions in various games.

The main objective of the Directorate of Sports is to foster sportsmen spirit, discipline, co-operation, honesty, integrity and fitness among the players.

SPORTS ACHIEVEMENTS IN THE SESSION 2010-11

PARTICIPATION OF P.U. PLAYERS IN INTERNATIONAL COMPETITIONS AND POSITIONS SECURED IN SENIOR NATIONAL TOURNAMENTS 2010-11.

INTERNATIONAL COMPETITIONS

1. ICE SKATING (WOMEN)
Sonam Tsome Postgraduate Govt. College for Girls, Sector-42, Chandigarh.

Represented India and won Silver Medal in First South Asian Winter Games 2011 in Ice Skating 500 Mtrs. held at Dehradun Auli-Uttarakhand (India) from 10th to 12th January, 2011.

Rinchen Dolma Postgraduate Govt. College for Girls, Sector-42, Chandigarh.

Represented India and won Bronze Medals in First South Asian Winter Games 2011 in Ice Skating 500 Mtrs. & 1000 Mtrs. held at Dehradun Auli-Uttarakhand (India) from 10th to 12th January, 2011.
2. RINK HOCKEY (WOMEN)
Priyanka Sharma D.A.V. College, Chandigarh.

Represented India and won Silver Medal in 14th Asian Roller Sports Championships in Rinky Hockey Tournament held at Kaohsiung, Taiwan from 16th to 23th July, 2010.
3. JUDO (WOMEN)
Garima Chaudhary Guru Nanak Girls College, Ludhiana.
 - (i) Represented India and participated in World Judo Championships 2010 (-63 Kg.) held at Yogogi National Gymnasium Tokyo from 9th to 13th September, 2010.
 - (ii) Represented India and participated in Asian Games Judo (Women) Championship (-63 Kg.) held at Guangzhou (China) from 12th to 27th November, 2010.
4. SHOOTING (WOMEN)
Chetanpreet Nillon D.A.V. College, Chandigarh

Represented India and participated in 50 Mtrs. Women Rifle event in the Asian Games 2010 held at Guangzhou (China) from 11th to 25th November, 2010.

5. HANDBALL (WOMEN) Gurpreet Kaur Ramgarhia Girls College, Ludhiana
Represented India and participated in 16th Asian Games Handball Championship held at Guangzhou (China) from 12th to 27th November, 2010.
6. BADMINTON (MEN) Oscar Bansal P.U. Campus, Chandigarh
Represented India and participated in the 11th World University Badminton Championship 2010 (Team & Individual) held at Chinese Taipei from 7th to 12th September, 2010.
7. GOLF (MEN) Abhijit Singh Chadha D.A.V. College, Chandigarh
Represented India and won Silver Medal in 16th Asian Games held at Guangzhou, (China) from 17th to 20th November, 2010.
8. FOOTBALL (MEN) Gurpreet Singh D.A.V. College, Chandigarh
Represented India and participated in Asian Games Football Tournament held at Guangzhou (China) on 15th November, 2010.

POSITION HOLDERS IN SENIOR NATIONAL CHAMPIONSHIPS

1. BADMINTON (WOMEN) Purnica Bhandari of D.A.V. College, Chandigarh has won **1st position** in Badminton in the XXXVI National Sports Festival for Women held at Agra (Uttar Pradesh) from December 13-16, 2010.
2. ARCHERY (WOMEN) Pinki Rani of P.G. G.C.G., Sector-11, Chandigarh has won **second position** in the 18th Sahara Senior Indian Round (M/W) National Archery Championship (50 Mtrs. Distance) held at Hoshangabad (MP) from October 27-31, 2010.
3. HANDBALL (WOMEN) Following players have secured second position in the 39th Senior National Handball (Women) Championship held at Jaipur from December 20-25, 2010 :-
 1. Avtar Kaur Ramgarhia Girls College, Ludhiana
 2. Banita Sharma -do-
 3. Jaswinder Kaur -do-
 4. Harpreet Kaur -do-
 5. Gurpreet Kaur -do-
 6. Gurmeet Kaur -do-

4. SOFTBALL (WOMEN) Following players have secured second position in the 32nd Senior National Softball (Women) Championship held at Chandigarh from January 05-10, 2011 :-
1. Akwinder Kaur Ramgarhia Girls College, Ludhiana
 2. Harjinder Kaur -do-
 3. Nirmaljit Kaur -do-
 4. Veerpal Kaur Khalsa College for Women, Ludhiana
 5. Sukhjeet Kaur Guru Nanak Khalsa College for Women, Ludhiana
5. TABLE-TENNIS (WOMEN) Nadia Saini of G.G.S. College for Women, Chandigarh has won **two second positions** in the XXXVI National Sports Festival for Women Group-III Table-Tennis (Singles as well as Doubles) held at Agra (Uttar Pradesh) from December 13-16, 2010.
6. BASEBALL (WOMEN) Following players have secured **3rd position** in the 25th Senior National Baseball (Women) Championship held at Chimanbegh Ground, Indore (M.P.) from November 22-27, 2010 :-
1. Amandeep Kaur Khalsa College for Women, Ludhiana
 2. Amanjot Kaur -do-
 3. Daljeet Kaur -do-
 4. Baljit Kaur -do-
 5. Sandeep Kaur -do-
 6. Sukhvir Kaur Guru Nanak Khalsa College for Women, Ludhiana
 7. Shweta Rai -do-
 8. Sukhjeet Kaur -do-
 9. Amanjit Kaur -do-
7. KHO-KHO (WOMEN) Following players have secured **3rd position** in the XXXVI National Sports Festival for Women Group-IV Kho-Kho held at Mandaya (Karnataka) from December 4-7, 2010 :-
1. Gurpreet Kaur Khalsa College for Women, Sidhwan Khurd, Ludhiana
 2. Sandeep Kaur -do-
 3. Kamal Preet Kaur -do-
8. SHOOTING (WOMEN) The following Shooters have got **3rd position** in Shooting 50 Meter .22 Sports Rifle (Team event) in the 34th National Games held at Ranchi, Jharkhand from February 12-26, 2010 :-
1. Hema K.C. D.A.V. College, Chandigarh
 2. Shiksha Dhall G.G.S. College for Women, Chandigarh

9. HANDBALL (MEN) Abhishek Garg of S.G.G.S. College, Chandigarh has secured **third position** in 39th Senior National Handball Championship held at Indore from 28.12.2010 to 02.01.2011.
10. ROLLER HOCKEY (MEN) Mandeep Singh of D.A.V. College, Chandigarh has secured **third position** in the 48th Senior National Roller Skating (Roller Hockey) Championship held at Vishakhapatnam from January 6-11, 2011.
11. SWIMMING (MEN) Jashandeep Singh of P.U. Campus, Chandigarh has won **two Bronze Medals** in 200 M. Breast Stroke & 100 M. Breast Stroke in the 34th Senior National Games held at Ranchi, Jharkhand on 14 February, 2011 & 19 February, 2011.
12. SOFTBALL (MEN) Jatinder Singh of S.G.G.S. College, Chandigarh has got **third position** in the 32nd Senior National Softball (Men) Championship held at Chandigarh from January 5-10, 2011.

WOMEN TEAMS

POSITIONS SECURED IN ALL INDIA INTER UNIVERSITY TOURNAMENTS 2010-11.

Sr. No.	Team	Performance
1.	Netball	Winners
2.	Korfball	Winners
3.	Softball	Runners-up
4.	Baseball	Runners-up
5.	Yachting	Runners-up
6.	Wrestling	One Silver Medal
7.	Archery (Indian Individual Olympic Round)	One Silver Medal
8.	Judo	Third
		(One Gold, One Silver & Three Bronze Medals)
9.	Shooting	
	(i) Air Pistol Individual	One Silver Medal
	(ii) Air Pistol Team	Third
	(iii) Air Rifle Team	Fourth
10.	Fencing (Foil Team)	Third
11.	Boxing	Four Bronze Medals
12.	Badminton	Fourth
13.	Weight Lifting	One Fourth Position
14.	Power Lifting	One Fourth Position

**POSITIONS SECURED IN NORTH ZONE/NORTH EAST ZONE INTER UNIVERSITY
TOURNAMENTS 2010-11.**

Sr. No.	Team	Performance
1.	Kho-Kho	Winners
2.	Volleyball	Runners-up
3.	Tennis	Runners-up
4.	Basketball	Third
5.	Badminton	Third
6.	Handball	Third
7.	Table-Tennis	Third
8.	Hockey	Third

MEN TEAMS

POSITIONS SECURED IN THE ALL INDIA INTER UNIVERSITY TOURNAMENTS 2010-11.

Sr. No.	Team	Performance
1.	Netball	Winners
2.	Korfball	Winners
3.	Swimming	Winners (Four Gold Medals, Three Silver Medals & One Bronze Medal)
4.	Badminton	Runners-up
5.	Tennis	Runners-up
6.	Air Pistol Shooting	Runners-up
7.	Rowing	Runners-up (One Gold Medal & One Silver Medal)
8.	Cycling	(One Gold Medal & One Bronze Medal)
9.	Archery	
	(i) Indian Round-30 M.	One Silver Medal
	(ii) Compound Round-90 M.	One Bronze Medal
	(iii) Compound Round-70 M.	One Bronze Medal
	(iv) Indian Team Olympic Round	Runners-up
10.	Yachting	Runners-up
11.	Taekwondo	(One Silver Medal & Two Bronze Medals)
12.	Weight Lifting	(One Silver Medal & One 4 th position)
13.	Judo	One Silver Medal
14.	Athletics	One Silver Medal
15.	Football	Third
16.	Baseball	Third
17.	Boxing	Two Bronze Medals
18.	Fencing	Two Bronze Medals
19.	Gymnastics	One Bronze Medal
20.	Power Lifting	One 4 th position
21.	Basketball	Fourth

**POSITIONS SECURED IN NORTH ZONE/NORTH EAST ZONE INTER UNIVERSITY
TOURNAMENTS 2010-11**

Sr. No.	Team	Performance
1.	Badminton	Winner
2.	Football	Winner
3.	Basketball	Winner
4.	Tennis	Runners-up
5.	Table-Tennis	Runners-up
6.	Volleyball	Runners-up
7.	Hockey	Fourth

TENTATIVE SCHEDULE OF CAMPUS SPORTS ACTIVITIES 2011-2012

July 2011	Admissions of Sports quota students	8th & 9th July 2011.
August 2011	Physical Fitness Activity of Sports quota students	1.8.2011 onward to as per the University Academic calendar.
	Inter Deptt. and Inter Hostel Badminton	17.08.2011 to 19.08.2011
	Inter Deptt. and Inter Hostel Table Tennis	23.08.2011 to 26.08.2011
	Inter Deptt. and Inter Hostel Swimming	30.08.2011
	Inter College Competitions	According to PUSC Calendar
Sept. 2011	Inter College Competition	According to PUSC Calendar
Nov. 2011	Inter College Competition	According to PUSC Calendar
Dec. 2011	Inter College Competition	According to PUSC Calendar
Jan. 2012	Inter Hostel Volleyball	19.01.2012 to 20.01.2012
	Inter Hostel Football	23.01.2012 to 24.01.2012
	Inter Hostel Cricket	25.01.2012 to 30.01.2012
	Inter Hostel Hockey	31.01.2012 to 01.02.2012
	Inter Hostel Tug of War	02.02.2012
	Inter Hostel Basketball	06.02.2012 to 07.02.2012
	Inter College Competition	According to PUSC Calendar
Feb. 2012	Inter Deptt. Cricket	08.02.2012 to 15.02.2012
	Annual Athletic Meet	3rd week of February, 2012
	Inter College Competition	According to PUSC Calendar
March, 2012	Annual Sports Prize Distribution Function	2nd week of March, 2012

DIRECTORATE OF SPORTS

GUIDELINES FOR SPECIAL INCENTIVAL

Special incentives for the outstanding sports persons who want to take admissions in P.U. Campus, Chandigarh/Institutes of P.U. Regional Centres and also for outstanding sports persons those who are studying in these institutions.

A. Incentives to be given at entry level (For fresh admission only)

Aim : To motivate the outstanding sports persons to take admission in P.U. Campus, Chandigarh or Regional Centres of P.U.

Conditions :-

- (a) Special incentives scheme for the outstanding sports persons at the entry level only (for fresh admission) in those games in which the tournaments are conducted by AIU and Panjab University, Chandigarh send its teams for the inter university competitions.
- (b) Special incentives scheme subject to the submission of affidavit by the sports person that he/she will represent the Panjab University team in the Inter-University competitions in the game for which special incentives are claimed.
- (c) The incentives will be given only those sportspersons (men/women) whose performance falls under the last academic session (academic session just before the academic session in which the admission is sought).
- (d) The special incentives will be given only for one year on the basis of which admission was taken. Further continuity of the incentives is subject to the sports achievements he/she will achieve during their study in the P.U. Campus, Chandigarh.

Category of Incentives :-

Scheme No. A (I) International Level Achievement

A person getting any of the first three positions or represented India in the Olympic Games/World Cups/World Championship/Common Wealth Games/International Athletic Permit Meet/Afro Asian Games/Asian Games/Asian Cups/Asian Championships/World University Games (FISU)/S.A.G. Games/Davis Cup/Grand Slam in Tennis/Thomas Cup/Uber Cup/All England Badminton Tournament/Official Test Match and One Day International Cricket Matches conducted by ICC (International Cricket Council) are eligible for the incentives mentioned in incentives scheme A (I) given below :-

Incentive Scheme A (I) :-

1. Free education (exemption from tuition fee and all other fee/charges except examination fees).
2. Free hostel and special reserves seats may be created in hostels for above mentioned category of sports persons (No hostel fee and all other charges except mess and canteen charges).
3. Free Swimming Pool and Gymnasium Hall facility.

Scheme No. A (II) Inter University/National Level Achievement

A person getting any of the first three positions in the All India Inter University/Senior National/National Games during the last academic session or current academic session are eligible for incentives mentioned in incentives scheme A (II) given below :-

Incentive Scheme A (II) :-

1. Free education (exemption from tuition fee and all other fee charges except examination fees).
2. Special reserves seats may be created in hostels for above mentioned category of sports persons.
3. Free Swimming Pool and Gymnasium Hall facility.

Scheme No. A (III) Achievement at Junior National Level/School National under-19 (Conducted by School Games Federation of India)

Note :- Scheme No. A (III) is only for those sports persons who seek to get admission on the basis of 10+2 only.

A person getting any of the first three positions in junior national level/school nation under-19 (conducted by school games federation of India) during the last academic session or current academic session are eligible for incentives mentioned in incentives schemes A (III) given below :-

Incentive Scheme A (III) :-

1. Free education (exemption from tuition fee and all other fee charges except examination fees).
2. Special reserves seats may be created in hostels for above mentioned category of sports persons.
3. Free Swimming Pool and Gymnasium Hall facility.

B. Incentives for already admitted students in the P.U. Campus, Chandigarh.

Aim : To motivate the outstanding P.U. Campus, sports persons to improve their sports performance.

Conditions :-

- (a) Special incentives scheme for the outstanding campus sports persons during their study in campus, brought laurel to the Panjab University by their outstanding sports performance in those games which are recognized by IOA (Indian Olympic Association) and that games are considered for the calculations of marks awarded to each university for those purpose of awarding MAKA Trophy.

- (b) Special incentives scheme subject to the submission of affidavit by the sports person that he/she will represent the Panjab University team/State team in the Inter-University competitions/National Championships/National Games in the game for which special incentives is claimed.
- (c) The Special incentives scheme will be applicable to only those sportspersons whose performance falls under the current academic session for the current year and next year only subject to the submission of affidavit that he/she will represent the Panjab University team/State team in the Inter University competitions/National Championships/National Games in the game for which special incentives scheme was claimed.
- (d) The special incentives will be awarded only after the submission of concerned Sports certificate/s with an affidavit of their performance and the accreditation of the concerned certificate and issuing authority by International Olympic Committee/Indian Olympic Association.

Scheme No. B (I) International Level Achievements

A person getting any of the first three positions or represented India in the Olympic Games/World Cups/World Championship/Common Wealth Games/International Athletic Permit Meet/Afro Asian Games/Asian Games/Asian Cups/Asian Championships/World University Games (FISU)/S.A.G. Games/Davis Cup/Grand Slam in Tennis/Thomas Cup/Uber Cup/All England Badminton Tournament/Official Test Match and One Day International Cricket Matches conducted by ICC (International Cricket Council) are eligible for the incentives mentioned incentives scheme B (I) given below :-

Incentive Scheme B (I) :-

1. Free education (exemption from tuition fee and all other fee/charges except examination fees).
2. Free hostel and special reserves seats may be created in hostels for above mentioned category of sports persons (No hostel fee and all other charges except mess and canteen charges).
3. Free Swimming Pool and Gymnasium Hall facility.

Scheme No. B (II) Inter University/National Level Achievement

A person getting any of the first three positions in the All India Inter University/Senior National/National Games during the current academic session or the last academic session.

Incentive Scheme B (II) :-

1. Free education (exemption from tuition fee and all other fee charges except examination fees).
2. Special reserves seats may be created in hostels for above mentioned category of sports persons.
3. Free Swimming Pool and Gymnasium Hall facility.

BHAI GHANAYIA JI INSTITUTE OF HEALTH

Bhai Ghanayia Ji, Health Centre is now renamed as 'Bhai Ghanayia Ji Institute of Health' as the University is going in for a biggar expansion, the health facilities need to be augmented and infrastructure strengthened. *Bhai Ghanayia Ji*, the founder of "Sevapanthi Order of the Sikhs", who rendered humanitarian services to the society irrespective of considerations of religion, race, caste, sex etc.

Presently, the P.U. Health Centre is manned by four full time Medical Doctors [including one Medical Doctor (Ayurveda), Dr. D. Dhawan, Chief Medical Officer, Dr. R. Khullar, Addl. CMO, Dr. B.S. Lal, Addl CMO, Dr. Mrs. P. Kwatra, MO (Ayur) and part time two Medical Officers (GP), One Gynecologist, One Ophthalmologist, One Radiologist, One Child Specialist, One Medical Specialist, One Visiting Consultant & One Yoga Instructor. The supporting staff consists of seven pharmacists, four nurses, two dressers and other supporting staff of two ward boys, two dressers, four medical attendents and also two laboratory technician & five cleaners (regular and contractual). Besides, the office is manned by one steno and one clerk.

They are serving the strong community of about 30,000 (thirty thousand) consisting of students, teachers, the members of administrative staff & construction office staff (both serving and retired) along with their dependents. The number of patients visiting Health Centre is about 300-350 per day.

Regular Scheduled hours : Morning Shift – From 8.30 a.m. to 12.30 p.m.
(Monday to Friday)
From 9.00 a.m. to 11.00 a.m. (On Saturday)
Evening Shift – From 5.00 p.m. to 6.00 p.m. (Monday to Friday)

Emergency Services :

Emergency services to the entitled patients are provided round the clock (24 hours). From 8.30 a.m. to 10.00 p.m. in the premises of the Institute of Health and from 10.00 p.m. onwards till 8.30 a.m. the next day at the residence of the duty doctor (by rotation).

Ambulance :

Fully equipped 24-hours ambulance service is available to all the patients. This service is free to students and Class-C employees and their dependents.

Supply of Medicines :

On the basis of their Medical Entitlement cards all the employees both teaching and non-teaching & their dependents and students on the basis of their identity cards are provided in stock medicines. All the purchases of drugs are made directly from the pharmaceutical firms/companies that are on the approved list of PGI, Chandigarh. With this arrangement we are able to save about 50% on an average on the cost of medicines. Medicines worth Rs. 30 lacs are purchased for the patients by the Institute of Health every year. About 30 chemist shops/drug stores in the tricity are offering a discount of 10% on branded medicines and 30% on generic medicines for medicines which are not available in the Institute of Health. This results in an approximate savings of about Rs. 30 lacs the remaining chemist shops have also starting giving discount to University patients.

New Entitlement cards :

Started from 1st May 2010, the process of issuing new & renewing Institute of Health medical entitlement cards to employees and their dependents is almost complete. About 8441 cards have already been issued. This process has resulted in weeding out cards of non entitled persons. Dependent children of women employees have also been provided free medical OPD & other available facilities at the Institute of Health from this year.

Chronic Diseases and Disbursement of drugs :

A special drug dispensing area is earmarked for patients of chronic ailments like Hypertension, Diabetes, Heart diseases, Epilepsy and Asthma for getting their monthly medicines. The Employees and retirees are greatly benefited by this arrangement.

Revised National Tuberculosis Control Programme (RNYCP) :

The Institute of Health is an approved designated place under Govt. of India RNTCP. All the Tuberculosis patient are provided monthly anti-tuberculosis medicines from our pharmacy.

Monitoring of Communicable Diseases :

Special arrangements were made this year to monitor all Communicable diseases including H1N1 (Swine Flue) in co-ordination with the U.T. Health services and create awareness among the employees and students. A numbers of cases of conjunctivities are also reported every year. Records of patients having symptoms like cough, cold & fever etc. are maintained separately to facilitate monitoring. The staff of Institute of Health have been immunized against H1N1.

Special provision for Senoir Citizens :

For the convenience of the superannuated employees of the University, a special provision is made to facilitated their registration and out of turn consultation by the doctors in order to provide them medical assistance with in minimum possible time frame.

Diagnostic Services :

X-Ray facility is being augmented with the installation of 500mA digitalized version of X-Ray machine (Siemens) with a mammographic compatible unit and with a CR System (Fuji). This is purchased for an amount of Rs. 26 lac 25 thousand. There is a well equipped laboratory with adequate staff for all the routine tests in hematology, serology and biochemistry. Sampling for investigations to be carried out in the lab of Dental college are also done. A semi auto-analyzer for the performance of various laboratory investigations is being purchased at the cost of Rs. 2 lac. A new 12 channel Schiller ECG machine worth Rs. 1.28,000/- has been made functional in a separate ECG room. Along with this, a newly purchased fully equipped (medicines, injections, ozygen cylinders). Dunlop padded patient couch with foot rest has been put into use for patient benefit and use.

Yoga Classes :

Yoga Classes are being conducted under supervision of Yoga Instructor in the evening from 4 p.m. to 6 p.m. (Monday to Friday). About 8-10 persons per session are benefited from this facility.

Special Lectures/Workshops :

Special lectures by experts in various health related fields are periodically arranged for spreading awareness on health issues like Body Mass Index, Bone Density Measurement, Diabetic Neuropathy, Pulmonary Function Test and Road Safety etc.

Medical Camps :

Medical camps were organized on spirometry, Bone Mineral Density, Thyroid, Diabetes detection camps and Hypertension in association with Pharma companies for the benefit of University community. This year 388 patients were examined for Bone densitometry, Hb/A1c test was performed free of cost for twenty patients.

Reimbursement Facilities :

Reimbursement facilities are available to all the bonafied University employees & their dependents (both serving and retiree) as per medical reimbursement rules of the University. One window service is being started for the quick, easy and hassle free reimbursement process.

Hospitals on Panel :

A proposal has been got approved for placing reputed hospitals on panel. MOU has been signed with five reputed hospitals (i.e. Grecian Hospital, Silver Oak, Mukat, Alchemist, Indus) initially for treatment of P.U. employees & their dependents at concessional rates commensurate with PGI, Chd./AIIMS, New Delhi medical reimbursement rates.

Centralized Computerization :

All the patient related records like OPD, reimbursement, purchase & distribution of medicines and other health facilities, diagnostic facilities and office records etc. are in the process of centralized computerization. Three new computers have already been installed for this purpose (this is in addition to two already functioning computers).

Backup Electricity Facility :

During the period of non availability of electricity, a back up facility is being established by providing no maintenance battery inverters for Rs. 90,000/-. This will result in smooth functioning of diagnostic OPD and emergency services during no electricity. This will be in addition to one inverter already functioning in emergency room.

Teaching Activities :

The medical doctors of the Institute of Health are regularly engaged as guest/honorary faculty for teaching of subjects medicines, surgery, sports medicines and exercise physiology in the department of Harvansh Singh Judge Institute of Dental Sciences and departments of physical education. The medical doctors regularly participate in Continuing Medical Education Programmes through out the year for updating medical knowledge with latest happenings in the medical field. They also deliver lectures in various national conferences/academic staff college/depts. etc. on medical issues.

Construction of New Facilities & Renovation :

With a budget of approximately Rs. 50 lacs, a new emergency wing is being constructed along with construction of doctor's OPD chambers, office automation, renovation of the existing building with special care of toilet facility. New furniture for the comfort of the patients and staff has been purchased for Rs. 2 lacs and is already being used.

24x7 TV :

A television for the patients in the waiting area is running 24x7.

**Sexual harassment is a serious criminal offence.
Follow the code of conduct and discipline for
the avoidance of this evil on the
University Campus.**

There is an Internal complaints Committee for sexual harassment constituted by the Vice-Chancellor and headed by D.S.W. (W) :

- 1. Any student alleged to be involved in any misconduct will be liable to be suspended from the University and on proving the commission of misconduct the student shall be liable to be expelled from the University. The student aggrieved from the decision of the University shall be entitled to appeal to a Standing Committee to be constituted for the purpose by the Vice-Chancellor, of which a retired High Court Judge shall be the Chairman.**
- 2. Once a student has indulged himself in the mis-conduct in any manner whatsoever on the University Campus and action taken against him, he shall not be entitled to admission in any Department of the University and for this purpose a separate web-site be created by the University so that the head of the Department while granting admission is liable to check whether the student seeking admission is entitled to admission on account of his previous misconduct. The Head of the Department shall ensure checking the web-site before granting admission and shall give a certificate on the admission form to that effect.**

Condonation of shortage of Lectures

That in order to make improvement in the procedure for condonation of shortage of lectures of the students of Teaching Departments and the Regional Centres of the University, the Vice-Chancellor as authorized by the Syndicate Paragraph 52 dated 18-11-2006, has decided that while processing the cases for condonation of shortage of lectures, the following precautions may be observed :-

1. The reason for shortage of lectures must be given in the column of the proforma for submission of the statement for condonation of shortage of lectures and the documents/certificates justifying the reason must be attached duly countersigned by the Chairpersons. The guidelines are with A.R. (R&S) for consideration of the cases of extreme hardship must be observed.
2. Correctness of the calculations of the statement showing the shortage of lectures must be ensured to avoid delay in processing the cases.
3. The cases for condonation of shortage of attendance must reach the office of the A.R. (R&S) at least 10 days before the commencement of examinations (earlier this period was 15 days) so that the orders of the competent authority are obtained well before the commencement of the examination and the Chairpersons are informed at least 2-3 days before the commencement of the examination to enable the eligible students to get their roll numbers at least 2 days before the commencement of examinations and the detained students are also informed well in time.
4. The statements showing the shortage of lectures of students to be detained must be submitted on separate proforma, while recommending the name of students for detention every care must be taken to ensure that the student is not entitled for grant of weightage on account of participation in sports/cultural activities etc. In accordance with circular No. 641-700/DUI/DS dated 01-02-2005 the students willing to participate in Sports/Cultural activities are required to apply for leave to the Chairperson prior to the commencement of such activities and after participating in Sports/Cultural activities, they are required to obtain a participation certificate from the office of the D.S.W. and to submit the same to the office of the Chairperson. The concerned students must be given hearing before recommending his/her case for detention.
(No. 8317-8406/R&S, Dated 27-11-2006).

EXISTING FEE STRUCTURE

Rates of Tuition fee and Lab. Charges for Professional Courses run by the Panjab University Teaching Departments w.e.f. the academic session 2011-2012.

S. No.	Class/Course	Tuition Fee Rs. (p.m.)	Laboratory charges Rs. (p.m.)
1	2	3	4
1.	B.L./LL.B.		
	First year	240	-
	Second year	240	-
	Third year	240	-
2.	B.E. (Chemical)/B.E. (Food Tech.)		
	First year	535	265
	Second year	535	265
	Third year	535	265
	Fourth year	535	265
3.	B.Pharmacy		
	First year	325	105
	Second year	325	105
	Third year	325	105
	Fourth year	325	105
4.	M.Sc. (Biotechnology)		
	First year	800	16,915 p.a.
	Second year	800	16,915 p.a.
5.	M.Tech. (Microelectronics) & M.Tech. (Instrumentation)		
	First year	1060	265
	Second year	1060	265
6.	M.Tech. (Polymer)		
	First year	1060	265
	Second year	1060	265
7.	M.B.A. (General/IB/HR)/(Bio-Technology)*		
	First year	670	-
	Second year	670	-
	*+Rs. 5000/- Lab. Charges from the students of MBA (Biotech.) each for IIIrd & IVth Semester.		
8.	M.B.A. (Executive)		
	First year	2320	-
	Second year	2320	-
	Third year	2320	-
9.	M.E. (Chemical)		
	First year	1060	265
	Second year	1060	265

1	2	3	4
10.	M.E. (Electronics & Communication Engg.) & (Information Technology/Computer Sc. UIET)	920	230
11.	M.C.A.		
	First year	1060	535
	Second year	1060	535
	Third year	1060	535
12.	M.Lib. & Information Science		
	First year	390	95
	Second year	390	95
13.	LL.M.		
	First year	390	–
	Second year	390	–
14.	M.Pharmacy		
	First year	1060	265
	Second year	1060	265
15.	M.A. (Journalism and Mass Communication)		
	First year	390	265
	Second year	390	265

Miscellaneous Items

In addition to the above, students are required to pay the following fees/funds/charges :-

Sr. No.	Particulars	Fees Rs.
1.	Admission Fee	230
2.	Continuation Fee	40 p.a. 20 per semester
3.	University Migration Fee	
	(a) For only those candidates who have passed the lower examination from another University or Board or Council	240
	(b) Inter College Migration/Duplicate Migration Certificate	240
	(c) Inter University Migration/Duplicate Migration Certificate	370
	(d) Enrolment fee for M.Phil.	925
4(a).	Registration Fee	
	(a) From those coming from other Universities/Boards/Council	85
	(b) From Foreign/NRI's against seats in General Category	US\$440
	(c) From Foreign National/PIO/NRI students, irrespective of the lower examination passed by them from a Foreign/Indian Universities/Board	US\$650

4(b).	(a) Enrolment Fee (Other than M.Phil.) (from those who are not regd. with P.U., Chandigarh earlier)	85
	(b) M.Phil. Enrolment fee	230
5.	Library Security (Refundable)	230 p.a.
6.	University Sports Development fee	50 p.a.
7.	Youth Welfare Fund	75 p.a.
8.	Students Holiday Home Fund	60 p.a.
9.	Student Aid Fund	50 p.a.
10.	Medical Fee	50 p.a.
11.	Students Development Fund	
	(a) Students studying for Professional Courses	(a) 1535 p.a.
	(b) Students studying for Science Courses	(b) 775 p.a.
	(c) Students studying for other Courses	(c) 380 p.a.
12.	(a) House Exam. Fee (for annual system)	(a) 230
	(b) House Exam. Fee (for semester system)	(b) 85 per semester
13.	Campus Reporter Fee/Magazine	115 p.a.
14.	Tuition Fee	} As mentioned in each course in the Hand Book of information
15.	Breakage Fee/Lab. Charges	
16.	Dilapidation fee	
17.	Amalgamated Fund	20 p.m.
18.	Radio, Film & Television Fee	75 p.m.
19.	Radio, Film & Television Fee	30 p.a.
20.	Campus Sports Fee	275 p.a.
21.	Student Scholarship Fund	75 p.a.
22.	NSS/NCC (10+10) p.a.	20 p.a.
23.	I Card/Lamination Card (20+20)	40 p.a.
24.	World University Service Fund	10 p.a.
25.	University Sports Development Fund	50 p.a.
26.	Campus Student Council Membership Fund	10 p.m.
27.	Library Development Fund	115 p.a.
28.	Electricity & Water Charges fund	30 p.m.
29.	Environment Fee	20 p.m.
30.	Placement Fee	145 p.a.
31.	P.U. Alumni House & Scholarship Fund***	20 p.a.
32.	Campus Cleanliness	10 p.m.
33.	Service Tax Fee*	1 p.m.
34.	Multipurpose Auditorium Fee**	100 p.a.
35.	Group Insurance Scheme	45 p.a.
36.	Sports Girls Hostel Fee	100 p.a.
	Foreign Students Welfare Fund (Foreign Students only)	545 p.a.

37.	Cost of Admission Form	50
38.	Late Fee	
	With permission of the Chairperson	500
	With permission of the V.C.	1800
39.	Club fee (Members only)	
	- Tennis	1155 p.a.
	- Boating	450 p.a.
	- Film	230 p.a.
40.	Computer Fee (If computer is an elective subject and not a compulsory subject in a course)	75 (per paper if offered in course)
41.	Re-admission fee (each time)	145
42.	Summer Training	705 p.a.
43.	Parking fee :	
	- Cycle	10 p.m.
	- Scooter	30 p.m.
	- Car	75 p.m.
44.	Some charges additionally payable by the students of Dept. of Laws	
	(a) Security deposit	180
	(b) Library & Reading Room fee	40 p.m.
	(c) Identity Card fee	20 p.a.
	(d) P.U. Law Review fee	115 p.a.
	(e) Moot fee	115 p.a.
	(f) Dinner and special function fee	85 per semester

Tuition fee and other charges (for Professional Courses) for foreign (Nationality) students whether Person of Indian Origin or not those applying for General Category (Non-reserved seats).

S. No.	Class/Course	Tuition Fee Rs. (p.m.)
1	2	3
1.	B.L./LL.B.	1930
2.	B.E. (Chemical)/B.E. (Food Technology)	7205

*That Re. 1 p.m. all the students Registered with P.U. as a Service Tax and Property Tax levied by the Chandigarh Administration.

**In order to meet the requirements of funds for the proposed Auditorium, an annual charges of Rs. 100/- per student in respect of the students admitted in the University Teaching Departments and Rs. 50/- for the students of the University School of Open Learning, Department of Evening Studies and affiliated colleges be levied during the three years i.e. upto 2012-13.

***All the students at the time of initial enrolment to Panjab University courses on the campus or in the affiliated institutions shall pay Rs. 15/- towards P.U. Alumni House and Scholarship Fund. The money collected by the Affiliated Institution shall be remitted to the said fund. 20% of the amount so collected be distributed proportionately for award of scholarship to the University and college students.

3.	B.E. (U.I.E.T.)	6240
4.	B. Pharmacy	7205
5.	M.Sc. (Bio-Technology)/M.Tech. (Instrumentation)/M.Tech. (Micro-Electronics)	7205
6.	M.Tech. (Polymer)/M.Sc. (Industrial Chemistry)	12,010
7.	M.B.A./M.B.A. (I.B.)/M.B.A. (H.R.)	14,415
8.	M.E. (Chemical)	12,010
9.	M.C.A.	12,010
10.	M.Lib. & Inf. Science	3600
11.	LL.M.	3600
12.	M.Pharmacy	14,415
13.	M. A. (Journalism & Mass Communication)	4810

Note : In addition to above other miscellaneous fee/funds/charges payable will be the same as applicable to the Indian students.

SELF FINANCING COURSES/PARTIALLY SELF-SUPPORTING COURSES

1. Fee structure of three year LL.B. Course (on self-financing basis) at P.U. Regional Centre, Ludhiana :-

- (i) Rs. 30,000/- p.a. be charged from the students as fee besides all other funds and charges by the University. Students would pay Rs. 20,000/- in the First/Third/Fifth Semester and Rs.10,000/- in the Second/Fourth/Sixth Semester. The fee be separated into Tuition fee and Development Fund as under :-

	Tuition Fee	Development Fund
General Category :	Rs. 18,000/- p.a.	Rs. 12,000/- p.a.
Foreign National/PIO/NRI	U S \$ 2120 + U S \$ 230 = \$ 2350 p.a.	

- (ii) Fee structure of B.A. LL.B. (Hons.) Five years Integrated course at P.U. Regional Centre, Ludhiana and S.S.G.P.U.R.C., Hoshiarpur.

and

(iii) Fee structure for Five years B.A. LL.B. (Hons.) Integrated Course at P.U., Chandigarh.

	Rs.
(a) Admission fee	: 1,000 p.a.
Tuition fee	: 25,000 per semester
Library and Computer fund	: 3,000 p.a.
Practical Training fund/Moot fund	: 2,000 p.a.
Law Review/Magazine fund	: 200 p.a.

		Rs.
Placement fund	:	500 p.a.
Social Function fund	:	500 p.a.
Visit to other Educational/Justice Institutions Fund	:	500 p.a.
Development fund	:	5,000 p.a.
Water & Electricity fund	:	1,200 p.a.
Identity Card fee	:	50 p.a.
Special Lecture fee	:	500 p.a.
Educational & Cultural Exchange fund and Alumni Membership fee	:	600 p.a.
Upkeeping of Institution Fund	:	1500 p.a.
(b) Foreign Nationals/PIO/NRI		
Tuition Fee	:	US \$ 2120
Development Fund	:	US \$ 230
		Total US \$ 2350 p.a.

(Synd. Para 15, dt. 29-4-2010)

Important Notes :

1. In addition to above, other miscellaneous fee/funds/charges (not covered above) are required to be paid by the students as the case may be as per University Rules.

2. The fee fixed for Foreign Nationals/PIO/NRI candidates the Registration Fee of US \$ 650 or US \$ 440 as the case may be payable by the NRI etc. as per Univ. Rules+other usual charges.

2. (i) Fee structure for the B.E. Courses (on self-financing basis) at the University Institute of Engineering & Technology and Swami Sarvanand Giri, Panjab University Regional Centre, Hoshiarpur.

Type of seats	Tuition fee p.a. (Rs.)	Dev. Fee p.a. (Rs.)	Lab. charges p.a. (Rs.)	Misc. charges p.a. (Rs.)	Total US\$
General seats	52,000 (Rs. 26,000 Per Sem)	1,395	10,500	As per Univ. Rules	
Foreign Nationals/PIO/NRI seats	US \$ 5,290	US \$ 590		-do-	US\$ 5,880

Lateral Entry fee as per Syndicate Para 44, dt. 7.7.2007 in IIIrd Semester.

(ii) Fee structure for Five Year Integrated Course of Engineering + MBA

Category	First and Second year	Third year	Fourth year	Fifth year
General Category	Normal B.E. Fee i.e. Rs. 52,000/- (Tuition Fee Rs. 26,000 Per Sem)+ other charges	Rs. 52,000+25,000/- i.e. (Tuition Fee Rs. 38500 Per Sem)+ other charges	Rs. 52,000+ Rs. 35,000/- i.e. (Tuition Fee Rs. 43500 Per Sem)+ other charges	Rs. 52,000/- + Rs. 50,000/- i.e. (Tuition Fee Rs. 51,00 Per Sem)+ other charges

3. Fee Structure for 5 year B.D.S. Course at Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital in the University Campus.

Type of seats	Tuition fee (p.a. Rs.)	Dev. fee (p.a. Rs.)	Lab. charges (p.a. Rs.)	Misc. charges	Total US \$
General Seats	64,000/-	2,365/-	15,245	As per Univ. Rules	
Foreign/NRI seats.	US \$ 6,370/-	US \$ 870/-	15,245	As per Univ. Rules	US \$ 7,240

Name of the Deptt.	Course	Gen. Category	Foreign National/ PIO/NRI		
			Tuition fee/ Lab Charges Rs.	T/Fee US\$/Rs. US\$/Rs.	Dev. Fund
4. University Institute of Emerging Areas in Science & Technology	(i) M.Sc. (Microbial Bio-Tech.)	20,000/- T/Fee Per Semester 15,000/- Lab. Charges Per Semester	–	–	–
	(ii) Master in Public Health	Open = 20,000/- Per Semester In Service = 30,000/- Per Sem.	1565	180	1745 Per Sem.
	(iii) M.Sc. in System Biology & Bio-informatics	15,000/- Per Sem	2080	230	2310 (p.a.)
	(iv) M.Sc in Nuclear Medicine (Bio-Physics)	15,000/- Per Sem	1565	180	1745 (p.a.)
	(v) M.Sc. in Medical Physics	15,000/- Per Sem	1565	180	1745 (p.a.)
	(vi) M.Tech Nanoscience & Nanotechnology	1155/- Per month 3750/- Per Sem. Contingencies	3175	335	3530 (p.a.)
	(vii) M.Sc. in Stem Cell & Tissue Engineering	60,000/- Per Sem.	1,13,400/-	12,600/-	1,26,000/- Per Sem.
	(viii) M.Sc. (H.S.) Petroleum Geology (Geology) Field works	30,000/- Per Sem. 10,000/- p.a. (in two years)			
5. Computer Science & Applications	M.C.A. Programme (Evening Shift)	30,000/- Per Sem. 535/- p.m. (Lab. Charges)	3780	420	4200 (p.a.)

Name of the Deptt.	Course	Gen. Category	Foreign National/ PIO/NRI			
			Tuition fee/ Lab Charges Rs.	T/Fee US\$	Dev. Fund US\$	Total Fee US\$
6. University Institute of Chem. Engg. & Technology	B.E. (Chem.) with M.B.A. 5 year Integrated Course.		32,500/- Per Sem	3780	420	4200 (p.a.)
7. Physics	(i) B.Sc (H.S.) in Physics & Electronics		15,000/- Per Sem 10,000/-Lab. Charges	1890	210	2100 (p.a.)
	(ii) M.Sc (H.S.) in Physics & Electronics		20,000/- Per Sem 15,000/-Lab. Charges	1890	210	2100 (p.a.)
8. Fine Arts & A.I.H.C. & A.	(i) Certificate Course in Art Appreciation		15,000/- (p.a.) In two instalments	-	-	-
	(ii) Diploma in Heritage Tourism		15,000/- (p.a.) In two instalments	-	-	-
9. English	Proficiency in English (IEL TS & Spoken English).		10,000/- Full Course	-	-	-
10. Community Education and Disability Studies	(i) M.A. in Community Education		7,500/- Per Sem.	-	-	-
	(ii) B.Ed. Special Education in Learning Disability		10,000/- Per Sem	-	-	-
11. Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, P.U.	Certificate Course in Dental Chair side Assistants.		20,000/- (p.a.) In two instalments	-	-	-
12. Centre for Defence & National Security	M.Phil in Defence Studies		10,000/-(p.a.)	-	-	-
	(i) One year Post Graduate Diploma in Disaster Management and Security (PGDDMS)		20,000/- (p.a.) In two instalments	-	-	-
	(ii) 3 months Executive Certificate Course in Disaster Management and Security (ECCDMS)		10,000/- (p.a.)	-	-	-
	(iii) One year Post Graduate Diploma course in Homeland Security		12,000/- (p.a.) In two instalments	-	-	-

Name of the Deptt.	Course	Gen. Category	Foreign National/PIO/NRI		
			Tuition fee/ Lab Charges Rs.	T/Fee US\$	Dev. Fund US\$
13. Chemistry	Short term Course in Instrumental Analysis (3 months Course x twice in a year)	10,000/-for normal candidates 25,000/- from participants from Industry	-	-	-
14. Institute of Forensic Sci. & Criminology	M.Sc in Forensic Sci & Criminology (i) Open category (ii) In service candidate	25,000/- Per Sem. 30,000/- Per Sem.	-	-	-
15. Botany	Short term Course in Landscape Gardening Mushroom and Spirulina Cultivation (2 sessions) (3 months)	5,000/- Full Course	-	-	-
16. School of Communication Studies	(i) P.G. Diploma in advertising and Public Relations Course (ii) P.G. Diploma in Hindi Journalism Course (iii) P.G. Diploma in Panjabi Journalism Course	20,000/- Full Course 20,000/- Full Course 20,000/- Full Course	- - -	- - -	- - -
17. University School of Open Learning	(i) M.B.A. (Gen.) 2 year	12,500/- Per Sem.	Rs. 1,41,750/-	Rs. 15,750/-	Rs. 1,57,500/- Per Sem.
	(ii) PGD in Entrepreneurship Management	10,000/- Per Sem.	Rs. 94,500/-	Rs. 10,500/-	Rs. 1,05,000/- Per Sem.
	(iii) PGD in NRI Entrepreneurship Management (one year)	10,000/- Per Sem.	Rs. 94,500/-	Rs. 10,500/-	Rs. 1,05,000/- Per Sem.
	(iv) PGD in International Business (one year)	10,000/- Per Sem.	Rs. 94,500/-	Rs. 10,500/-	Rs. 1,05,000/- Per Sem.
18. University Institute of Applied Management Science	(i) * MBA (Retail Management)	1,00,000/- Per Sem. 10,000/- Summer placements	Rs. 4,72,500/-	Rs. 52,500/-	Rs. 5,25,000/- (p.a.)
	(ii) Banking and Insurance	-do-	-	-	-
	(iii) Telecommunication and I.T	-do-	-	-	-
	(iv) Infrastructural Management	-do-	-	-	-
	(v) Pharmaceutical Management	-do-	-	-	-
	(vi) Hospital Management	-do-	-	-	-

Name of the Deptt.	Course	Gen. Category	Foreign National/ PIO/NRI			
			Tuition fee/ Lab Charges Rs.	T/Fee US\$	Dev. Fund US\$	Total Fee US\$
19. University Institute Pharmaceutical Sciences	(i) M. Pharmacy (Drug Discovery & Drug Development)		1,00,000/- Per Sem. 50,000/- Lab. Charges	-	-	-
	(ii) M. Pharmacy (Pharmaceutical Analysis)		1,00,000/- Per Sem. 50,000/- Lab Charges	-	-	-
	(iii) Ph.D. Programme in Pharmaceutical Science		1,00,000/- Per Sem.	-	-	-
20. University Institute of Hotel Management and Tourism	(i) B.Sc in Hospitality and Hotel Administration		25,000/- Per Sem. 3,000/- (p.a.) Student welfare activities fund	-	-	-
	(ii) B.Sc in Tourism Management		15,000/- Per Sem. 3,000/- (p.a.) Student welfare activities fund	-	-	-
21. University Institute of Fashion Technology and Vocational Development	(i) B.Sc. in fashion and life Style Technology		25,000/- Per Sem.	3120	345	3465 (p.a.)
	(ii) M.Sc in fashion and life Style Technology		40,000/- Per Sem. 5,000/- Per Sem. (Charges for Display Exhibition other Fashion Events to be given to UIFT for organizing such events)	-	-	-
22. Swami Sarvanand Giri Panjab University Regional Centre Bajwara, Hoshiarpur	M.C.A.		30,000/- Per Sem. 535/- Per Month Lab Charges	4160	460	4620 (p.a.)
23. Panjab University Regional Centre Ludhiana	M.B.A.		75,000/- Per Sem.	5565	610	6175 (p.a.)

Name of the Deptt.	Course	Gen. Category	Foreign National/ PIO/NRI		
			Tuition fee/ Lab Charges Rs.	T/Fee US\$	Dev. Fund US\$
24. Institute of Educational Technology and Vocational Education	** Four Years Integrated	1st year	1,30,410/-	14,490/-	1,44,900/-
	B.A. Hons. (Edu.)	10,000/- Per Sem.			(p.a.)
	B.Ed. Elementary, B.A.(Hons.)	2nd year			Registration
	(Education), B.Ed. (Secondary)	12,500/- Per Sem			Fee in US\$
		3rd year			quivalent
		15,000/- Per Sem			to Rs.17,325/-
		4th year			(one time)
		17,500/- Per Sem			
			<i>(Synd. Para 7, dt. 2-8-2009)</i>		
25. U.C.I.M.	M.Sc (Instrumentation)	32,000/- Per Sem.	-	-	-
26. Geography	(i) Master in Remote Sensing & GIS	1st 15 000/-	-	-	-
	(ii) Master's in Disaster Management	2nd 13,000/- (p.a.)	-	-	-
	(iii) Online Diploma Course in Geo-informatics	15,000/- Per Sem.	-	-	-
	(iv) Online Master's in Geographic information Science & Systems	1260 Euro*** or Equivalent to Indian Currency	-	-	-
27. Psychology	Post M.A. Diploma (one year)	2100**** or Equivalent Indian Currency	-	-	-
	(i) Professional Counselling and Psychotherapy	25,000/- (p.a.)	1565/-	180/-	1745/-
	(ii) Psychological Testing	In two instalment			(p.a.)

NOTE :-

1. In addition to above other miscellaneous fee/funds/charges (not covered above) are required to be paid by the students as the case may be as per University rules.
2. The fee fixed for Foreign Nationals/PIO/NRI Candidates NRI Registration fee US\$ 650 or US\$ 440 as per the case may is also payable by NRI etc. students as per University rules & all other usual charges as per University rules.
3. The other charges of Short term courses the fix charge will be recovered in full other charges on the monthly basis shall be charged as per the duration of the course per month.
4. * Teaching Materials, Business club and Computer Charges etc.
5. * * The case is under consideration for affiliation.
6. *** To be paid in single instalment (exchange rate between the two currencies, on the day advertisement for admission is inserted in the newspapers).
7. * * * * Single (instalment of 2100 Euro or 1210 + 1210 Euro in 2 instalments (exchange rate between the two currencies, on the day advertisement for admission is inserted in the newspapers).

Rates of Tuition fee and Lab. Charges for the University Teaching Departments and the Regional Centres of the Panjab University (General, ICCR/GOI/Exchange Programme Students)

Sr. No.	Class/Course	Tuition Fee Rs. (p.m.)	Laboratory charges Rs. (p.m.)
1.	B.A./B.Com.	95	–
2.	B.A. (H.S.) in Economics (3 years/6 semesters)	525	1,050 p.a. (Computer Charges)
3.	B.Sc. (H.S.) other than Math.	105	135
4.	B.Sc. (H.S.) in Math.	105	40
5.	B.Sc. (Honours School) :		
	(i) Mathematics & Computing	105	14,890 p.a.
	(ii) Bio-Technology	105	8,455 p.a.
	(iii) Computer Science	105	16,905 p.a.
6.	B.A. Honours in Social Sciences (Economics, Geography, History, Philosophy, Pol. Science, Psychology, Public Admn., Sociology and Ancient Indian History Culture & Archaeology)	325 p.m. (for 1st, 2nd & 3rd year) (Project fee starting w.e.f. 2nd year for 2nd & 3rd year : 200 p.m.)	–
7.	B.P.Ed.	115	20
8.	M.A. (Evening Studies)	105	-
9.	M.A. (All subjects except Psychology)	115	-
10.	M.A. Psychology	115	40
11.	M.A. Education	115	-
12.	M.A. (H.S.) in Economics (2 years/4 semesters)	840	1050 p.a. (Computer Charges)
13.	(*) M.Sc. Math. & Statistics	115	40
14.	M.Sc. (H.S.) other than Math.	115	115
15.	M.Sc. (H.S.) in Math.	115	-
16.	M.Sc. (H.S.) in Computer Science	115	115
17.	M.Sc. Human Genomics	1,535	775

*An extra fees of Rs. 4,230 p.a. be charged from each student obtaining optional paper (671). Numerical Analysis and Computation in M.Sc. Math. and pass courses at the 2nd year level.

18.	M.Sc. Environment	12,580 p.a.	6,300 p.a. (Lab. Ch.) 705 p.a. (Dev. Fund)
19.	M.Sc. (Industrial Chemistry) (University Institute of Chem. Engg. & Tech.)	12,580 p.a.	6,300 p.a. (Lab. Ch.) 705 p.a. (Dev. Fund)
20.	M.Com.	180	-
21.	M.Com. (Hons.)	2,310	160 p.m. (Computer Lab. Ch.) 380 p.a. (Dev. Charges)
22.	M.Ed. (other than Guidance & Counselling & Educational Tech.)	180	40
23.	M.Ed. (Guidance & Counselling.)	180	40
24.	M.Ed. (Evening)	230	40
25.	M.P.Ed.	180	40
26.	M.Phil. (Science & Psychology)	180	40
27.	M.Phil. (Arts excluding Psychology)	180	-
28.	Certificate Courses	115	-
29.	Interpretership in Tibetan	115	-
30.	Certificate Course in Music	220	130
31.	Diploma courses other than Translation and Forensic Sc. & Criminology	115	-
32.	Diploma in Translation (English/Hindi/Punjabi)	115	-
33.	Diploma in Forensic Sc. & Criminology	230	40
34.	Diploma in Education Management	230	40
35.	Diploma in Pre School Education	5000	-
		Per Semester	
36.	Diploma in Export Management	10,805 p.a.	1,270 p.a. (Dev. Fund) 640 p.a. (Comp. Charges)
37.	Diploma in Vocational Agriculture	15,000	-
		in two instalment	
38.	Advance Diploma Courses	180	-
39.	Diploma in Advance Scientific Computation (DASC)	705 p.m.	6,990 p.a.
40.	Post M.Sc. (1 year) special course Accelerator Physics	115	115
		Contingency of Rs. 2500 p.a.	

41.	Post Graduate Diploma in Gandhian Studies (Correspondence)	180	-
42.	Post Graduate Diploma in Exploration Geology	230	40
43.	Post Graduate Diploma in Research Methodology and Statistics	10,000 p.a.	-
44.	<u>Post-Graduate Diploma in Remote Sensing and Geographic Information System Course Tuition fee</u>		
	(i) General Category candidates		1,690.00 p.m.
			Lab. charges 230.00 p.m.
	(ii) Sponsored candidates Govt./Institutions		Rs. 14,810.00 p.a.
	(iii) Foreign Students		Rs. 7,130.00 p.m.
45.	Hobby Classes in Music	230	-
46.	Prak Shastri, Shastri & Acharya Courses, (No fee to be charged) M.A. Sanskrit (<i>Senate decision 28-3-2004, para XXXVIII</i>)		
47.	University Institute of Emerging Areas in Social Sciences.		

Sr. No.	Course	Gen. Category	Field Work Experience	Foreign National/PIO/NRI	
				T/Fee	Dev/Fund
1.	Master in Social Work	Rs. 15,000/ Per Sem.	Rs. 25,00/ Per Sem.	US \$ 1565	US \$ 180=US \$ 1745 p.a.
2.	M.A. in Police Administration	(i) Rs. 10,000/- per semester (ii) Rs. 15,000/- per semester for Nominated in Service Police Personnel		US \$ 1565	US \$ 180=US \$ 1745 p.a.
3.	M.A. in Human Rights and Duties	Rs. 10,000/- per semester		US \$ 1565	US \$ 180=US \$ 1745 p.a.

In addition to the above fee fixed for Foreign Nationals/PIO/NRI candidates, the Registration fee in US \$ 650 or US \$ 440 as per the case may be is also payable by N.R.I. etc. students as per University Rules & all other usual charges as per University Rules.

Miscellaneous Items

Some charges additionally payable by the students of Deptt. of Evening Studies :

(a) Identity Card fee	20 p.a.
(b) Parking fee :	
– Cycle	20 p.m.
– Scooter	40 p.m.
– Car	65 p.m.
(c) Multipurpose Auditorium Fee	50 p.a.

Note : In addition to above, students are required to pay the University fees/funds/charges as per University Rules.

A. Tuition fee structure for Foreign National/PIO/NRI candidates admitted against the seats created for them in some teaching departments :

Sr. No.	Class/Course	Tuition fee + Development fee	U.S. Dollar only
1.	University Business School		
	(i) M.B.A. (2 years full time)	5565+610	6175 p.a.
	(ii) M.B.A. (Executive)	3900+430	4330 p.a.
	(iii) M.B.A.(HR) & M.B.A. (I.B.)	5565+610	6175 p.a.
	(iv) M.B.A. (Biotechnology)	5565+610	6175 p.a.
	(v) M.Com. (E-Commerce)	1680+190	1870 p.a.
2.	Department of Computer Science & Applications		
	(i) B.Sc. (Hons. School)	2655+295	2950 p.a.
	(ii) M.C.A.	4235+470	4705 p.a.
	(iii) M.Sc. (Hons. School)	1590+175	1765 p.a.
3.	University Institute of Chemical Engg. & Tech.		
	B.E. (Chemical)	5290+590	5880 p.a.
4.	University Institute of Pharmaceutical Sciences		
	(i) B.Pharm.	2950+580	3530 p.a.
	(ii) M.Pharm.	3175+335	3530 p.a. [+Rs. 50,000/- per Annum as contingency in case of Sr. No. 4(ii) only]
5.	B.Sc. (Hons. School) Science Departments		
	Departments of Anthropology, Botany, Chemistry, Geology, Mathematics, Physics and Zoology	1060+115	1175 p.a.
6.	B.Sc. (Hons. School) Basic Medical Sciences		
	Departments of Biochemistry, Biophysics & Microbiology	1590+175	1765 p.a.
7.	M.Sc. (Hons. School) (Science Departments)		
	Departments of Anthropology, Botany, Chemistry, Geology, Mathematics, Physics and Zoology	1590+175	1765 p.a.

8.	M.Sc. (Hons. School) Basic Medical Sciences Departments of Biochemistry, Biophysics and Microbiology	2120+230	2350 p.a.
9.	Department of Statistics M.Sc.	1590+175	1765 p.a.
10.	U.I.E.T. (i) M.E. (Electronics & Comm. Engg.), (Information Technology) & (CSE) (ii) M.Tech. (Microelectronics)	3175+335 2950+580	3530 p.a. 3530 p.a.
11.	Department of Biotechnology (i) B.Sc. (Hons. School) (ii) M.Sc.	2120+230 3175+335	2350 p.a. 3530 p.a.
12.	Centre for Environment & Vocational St. M.Sc. Environment Science	1590+175	1765 p.a.
13.	R.S.I.C./UCIM M.Tech. (Instrumentation)	2950+580	3530 p.a.
14.	Department of Geography (i) M.A. (ii) P.G. Diploma Remote Sensing & GIS	1060+115 2655+295	1175 p.a. 2950 p.a.
15.	Department of Physical Education (i) B.P.Ed. (ii) M.P.Ed.	1060+115 1060+115	1175 p.a. 1175 p.a.
16.	M.A. in the Departments of English, Panjabi, Psychology, Pub. Admn., Sociology and Centre for Women Studies & Development	1060+115	1175 p.a.
17.	Department of Laws (i) LL.B. Professional 3 years course (M) (ii) LL.M. (2 year full time)	2120+230 1590+175	2350 p.a. 1760 p.a.
18.	Department of Library & Information Science M.Lib. & Inf. Sc. (2 year full time)	1590+175	1765 p.a.
19.	School of Communication Studies M.A. (Journalism & Mass Communication)	3175+335	3530 p.a.
20.	Department of Education M.Ed. (M)	1060+115	1175 p.a.

21.	Department of French Certificate Course		To be decided
22.	Deptt. of Chinese & Tibetan Certificate Course	170+20	190 p.a.
23.	Department of Economics		
	(i) B.A. (Hons. School)	1060+115	1175 per sem. = 2350 p.a.
	(ii) M.A. (Hons. School)	1585+180	1765 per sem. = 3530 p.a.
	(iii) M.A.	1060+115	1175 p.a.

B. Tuition fee and other charges for Foreign Nationals (whether Person of Indian Origin or not i.e. those applying for General Category, Non-Reserved Seats.

	US dollar
1. First degree courses	295 p.a.
2. Master's degree course	590 p.a.
3. Diploma course in Translation	295 p.a.
4. Post-graduate Diploma/Advance Diploma course	590 p.a.
5. Diploma course in Forensic Science and Criminology, the tuition fee will be the same as for the P.G. Diploma in Remote Sensing and Geographical Information System.	Rs. 5890 p.m.

- Notes :** I. Tuition fee shall be payable annually in the form of bank draft in US dollars/Pounds, sterling/ Deutschmark or equivalent amount in Indian currency payable to the Registrar, Panjab University at Chandigarh along with a bank certificate for encashment of foreign currency of the like amount.
- II. In addition to tuition fees, the students shall pay Registration fee US \$ 650 or US \$ 440 as the case may be+all other dues and charges to the Panjab University as payable by other students of the same class belonging to same category in foreign currency or in Indian Rupees as per University Rules and Regulations.

GENERAL REFUND OF FEE RULES

I. Departments where waiting list is being prepared

In this case, the fee refund cases be considered as per the provisions conveyed by the UGC vide Notification No. F.No. 1-3/2007 (CPP-II) dated 23.4.2007 relevant part of which is as under :-

“In the event of a student/candidate withdrawing before the starting of the course, the waitlisted candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000 (one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme. Should a student leave after joining the course and if the seat consequently falling vacant has been filled by another candidate by the last date of admission, the institution must return the fee collected with proportionate deductions of monthly fee and proportionate hostel rent, where applicable.”

Departments where no waiting list is being prepared and the admissions are being done on the basis of merit in the various counselling sessions.

The fee refund cases under this category shall be dealt with as under :-

(i) Students leaves before the last counselling

Full fee deposited by the student shall be refunded after deducting Rs. 1000/- as processing charges and proportionate deduction depending upon the period he remained on University rules.

(ii) Students leaves after last counselling

(a) Full fee deposited by the students shall be refunded after deducting Rs. 1000/- as processing fee and proportionate deduction **in case full seats were not filled up in the last counselling.**

(b) 50% of the fee deposited by the student shall be refunded after deducting Rs. 1000/- processing fee and proportionate deduction, **in case full seats were filled up in the last counselling.**

In case, the department has **provision for admission after the last counselling date (e.g. lateral entry or migration)** then the balance 50% of fee deposited by the student shall also be refunded in case the seat vacated by the student in the last counselling is filled up thereafter after production a certificate from the Chairperson/Director of the concern Department in this regard.

(Syndicate Para 12, dt. 4-12-2009)

Note :-

1. The proportionate deduction may be calculated on the basis of number of days from the date of admission of the student i.e. on the day he/she deposits fee and becomes on the roll of the College/Department/Institute till his leaving the course. This deduction will be in addition to the processing fee of Rs. 1000/-.
2. For this purpose, he/she must apply for refund on the prescribed refund application form through the Head of the Department to the Assistant Registrar Accounts-II.

That the time period for applying refund of fee by the students be fixed up to 30th November and refund application must reach the ARA-II office by **15th December from Department/Institution.**

Refund forms will be available on the P.U. Website (www.puchd.ac.in)

3. But in all other Cases of the students Continuing their studies, the Library Security will be refunded if he/she will apply within six months from the date of leaving the Department/Institute/ Centre/Regional Centre after completing the full course of studies.

II. Refund of Fee Rules of Foreign/PIO/NRI Category

1. In case, the candidate is admitted in the Foreign/PIO/NRI category and leaves the course & the seat vacated by a candidate is filled by granting admission to another applicant against the vacated seat, the tuition fee may be refunded to the person after deduction of 10% of the tuition fee as administrative charges. In case a seat vacated by such a candidate is not filled, the tuition fee may be refunded after deduction of 25% of the tuition fee as administrative charges. This will be applicable only in the case where the candidate has left the University Department/Institute/Centre/Regional Centre & did not join any other course in the Panjab University. All other funds and charges including Development Fund, in no case, shall be refunded. For this purpose, he/she must apply for refund on the prescribed refund application form through the Head of the Department to the Asstt. Registrar Accounts-II. That the time period for applying refund of fee by the students be fixed up to **30th November** and refund application must reach the office of ARA-II by **15th December** from Department/Institution. However, all other funds & charges including development fund, shall not be refunded under any circumstances, except refundable Library Security.
2. *If a student originally gets admission in a University Department/Institute/Centre/Regional Centre under Foreign/PIO/NRI category or in General/Reserve Category and leaves the same for joining another course in the same Department or another Department/Institute/Centre/Regional Centre in the Panjab University during subsequent counsellings of Foreign/PIO/NRI category or in General/Reserved Category, his/her tuition fee, registration fee and other charges including Development Fund shall be adjusted on admission in the later course/Department/Institute/Centre/Regional Centre in the same session only. If there is any excess amount still left after the fee adjustment i.e. balance sum if any, shall be refunded after a deduction of Rs. 500/- (Rs. five hundred only) as Administrative charges.*

Provided :-

- (i) *If a student shifted from NRI etc. category to General/Reserved Category, his/her Registration fee and development fund of Foreign/PIO/NRI category shall be adjusted in the later/same Department/Institute/Centre/Regional Centre of the Panjab University but shall not be refunded under any circumstances.*
- (ii) *In case a student shifted from General/Reserved Category to Foreign/PIO/NRI category he/she is liable to pay Foreign/PIO/NRI category tuition fee, registration fee and development fund. Other charges deposited by him/her shall be adjusted in the same session only. His/her General/Reserved Category tuition fee and balance (if any) be refunded after deduction of Rs. 500/- as administrative charges.*
- (iii) *In case due to unavoidable circumstances, on shifting to another course in the same Department or another Department/Institute/Centre/Regional Centre of the Panjab University a student has again deposited the tuition fee, development fund and other charges in the later Department/Institute/Centre/Regional Centre of the Panjab University, his/her tuition fee and other charges deposited in the earlier Department/Institute/Centre/Regional Centre shall be refunded as per (i) and (ii) above.*

- (iv) *For adjustment/refund, he/she must apply on the prescribed refund application form for adjustment/refund of the tuition fee and other charges as the case may be within 15 days from the date of shifting to another Department/Institute/Centre/Regional Centre through the Head of the later Department to the Assistant Registrar Accounts-II.*
- (v) *However no carry forward/adjustment of fee shall be allowed in the subsequent session/class/year if the duration of the course is more than one year. No refund of fee shall be allowed after the expiry of the said 15 days' period.*
- (vi) *The fifteen days shall be counted from the date of his/her latest shifting i.e. whichever is later.*

- III. A student seeking admission in University Institute of Engg. & Tech. (UIET), S.S.G. PURC, Hoshiarpur, Department of Chem. Engg. & Tech. (DCET) shall pay Rs. 1000 (One Thousand only) & Department of University Business School (UBS), Chandigarh/Ludhiana shall pay a sum of Rs. 5,000/- (Rupees Five thousand only) in advance as part Payment of the tuition fee at the time of counselling. In case he/she does not seek admission within the stipulated period by paying the full tuition fee, funds and charges the amount deposited as advance shall stand forfeited. In case he/she is admitted in the course and pays full fee funds & charges, the sum shall be adjusted in the total annual fee payable for that session/year only.
- IV. The shifting of a Foreign/PIO/NRI candidate to General/Reserved category seat is allowed strictly on merit only during the current session/year up to the date of the last counselling. Even if some seat falls vacant after the date of last counselling during the same session/year, it shall not be allowed to fill up. It shall also not be allowed in the next/subsequent session/year under any circumstances even if there may be vacant seats in the department/institute/ regional centre under General/Reserved quota seats in the said class/course.
- V. It was also clarified that the above rule for the refund of tuition fee on approval from the competent authority, shall supersede all the previous rules governing the refund of tuition fee rules and appropriate amendments be made immediately in the P.U. Cal. Vol. III accordingly.

Adjustment of Tuition Fee & other charges in the next semester/session of UIET and University Institute of Legal Studies and its Centres :-

- (1) tuition fee be charged semester-wise but other charges be taken annually e.g., Development Fund, Sports Fund, etc. which are not refundable/adjustable;
- (2) if a student was not permitted to attend the class of a semester due to one or the other reason, he/she be not asked to pay the fee for the said semester, if already paid, only rejoining fee/charges be charged from him/her;
- (3) if a student attended any class/es of the semester where he/she has been declared 'detained' at the time of the start of the semester, he/she would be charged again whenever he/she becomes eligible and attends the class again;

Tuition fee will be charged for twelve months in a year (i.e. from June to May)

The tuition fee etc. for the full academic year will be collected by the University Office, through its SBI Extension Counter in two instalments as under on specified dates.

The name of the admitted students will be brought on the rolls of the class on production of receipt of full dues paid otherwise their admission shall be held null and void.

Each student is required to pay tuition and other fees in two instalments i.e. one at time of the admission and the 2nd during 10th November to 30th November. Students who are absent, or on leave, on the prescribed dates will arrange to deposit their dues for the 2nd instalment through someone. The names of such students who will not deposit 2nd instalment of tuition and other fees shall be struck off the rolls of the Deptt. w.e.f. 1st December and shall not be allowed to attend the classes. Their admission forms for the University examinations shall not be forwarded to the University also.

Students whose names have been struck-off for non-payment of dues for the 2nd instalment can seek re-admission through the Chairperson of the Deptt. concerned within one month from the date of their names are struck off and they shall be required to pay their dues alongwith prescribed fee with the University. They will be allowed to attend the classes only on production of original receipts to the Deptt.

After the lapse of this period, re-admission would be granted by the D.U.I. only in very hard and genuine cases, within the same academic year and their admission forms for the University examinations shall be forwarded subject to the condition of completion of lectures. In such cases the students shall deposit their fees alongwith prescribed re-admission fee with the University and obtain clearance slip from the Student Section of the Accounts Branch (Administrative Block) before they are allowed to attend the classes by the Department and their examination forms are forwarded to the University.

- Notes :-**
1. Students partly defaulter for tuition and other fees shall be required to clear their dues by 30th January and obtain clearance certificate from the Student Section of the Accounts Branch in the Administrative Block failing which their Roll Nos. for the University examination shall not be delivered by the Departments.
 2. All kinds of fee concessions are granted by the D.U.I. and as such no adjustment/exemption of fees can be exercised by the students themselves, though eligible for fee concession he/she may be unless he applies for the concessions and the same is granted by the D.U.I. If a student who has not applied for a fee concession and does not pay fee for a term, he/she will not be considered on rolls of the Department.

Important Instructions :

Students while depositing their fees, should quote Deptt., Class and Roll Number. Before leaving the Cash Counter, they should check the particulars given on the receipt. The Office shall not be responsible for wrong adjustment of fees if correct and complete particulars are not given in the receipt.

Students who migrate from any other college to a University Teaching Department shall pay their tuition and other fees, along with the charges and security from the succeeding month in which their migration is sanctioned by the University (in the case of Inter-University Migration, from the month of joining the Department), immediately on migration, after consulting the concerned Assistant Registrar in the University Office. Otherwise they shall not be allowed to attend the classes and their admission shall be held null and void.

Fee Concession & Financial Assistance

1. (a) Scholarship : A large number of scholarships of varying amounts are offered under certain schemes sponsored by the Government of Punjab, Haryana, Union Territory of Chandigarh and Himachal Pradesh, details of which may be had from the offices of the Directors of Education of Punjab, Haryana, Union Territory of Chandigarh and Himachal Pradesh respectively.
- (b) (i) The Dean of University Instruction may grant exemption from payment of University tuition fee up to 10 per cent of the total number of students in a class. If the number of students in a class is less than ten, the D.U.I. may grant full or half fee concession to one student.
- (ii) The fee concessions over and above the full and half fee concessions allowed under Rule 1 shall be as follows :
 - (a) the eldest to pay full fees and the youngers to pay half the tuition fees.
- (c) Scheduled Castes students belonging to Punjab, Haryana and Himachal Pradesh will be paid their Scholarships, alongwith tuition fee and University Examination fee, etc. by their respective Governments provided the students apply for the same through their respective Chairperson of the Department.
 - (a) The SC/ST Students be advised to submit Income Certificate (duly attested by Magistrate) at the time of admission, so that benefit of financial assistance given is expedited.
- (d) For deserving and needy students, financial assistance is available from Students Aid Fund maintained by the University. The annual family income from all sources duly signed and stamped by the Executive Magistrate, giving full details of total family income. Candidates holding yellow card/yellow ration card would be given preference.
- (e) Some financial aid is also available for deserving students from “Panjab University Students’ Aid Society” which is a voluntary organisation.
- (f) (i) Blind students who join a regular degree/Post-graduate degree courses at the P.U. would be allowed exemption from payment of tuition fee & would be provided free accommodation in the University Hostels. [Approved vide Syndicate Para (iv) meeting held on 19.8.96].
- (ii) The free education to the completely blind student belonging to below poverty line, as described by the relevant Government notification/s, in any course in the University and its affiliated Colleges, Subject to the student being otherwise eligible and on merit, but the candidate has to submit an affidavit to this effect issued by the competent authority. Even the free hostel accommodation may also be considered, if required by the student, but he will have to pay the mess charges, which are already subsidized. A limited number of course books (one per paper) may also be considered which would be returnable after the completion of the course.

(Syndicate Para-I dated 18-4-2009).
- (g) Free education to children of persons killed in November, 1984 riots and terrorist violence in Punjab State. [Approved vide Syndicate para 5 (Statement A) dated 25-4-1987].
- (h) Exemption in fee for wards of martyrs/permanent disabled (up to 80% leading to incapacitation) of Kargil War who have a valid certificate from the Ministry of Defence to this effect and the same is entered in the Pension Book of the family. (up to academic year 2020-21).

(Vide Circular No. Misc./A-6/3501-3725 dt. 18-4-2007)

(i) That there shall be no brother-sister tuition fee concession or ANY OTHER fee concession including NRI fee, in respect of the following partially self-supporting courses at the University and its Regional Centres :

- | | | |
|----|--|--|
| 1. | B.A.LL.B. (Hons.) Five-Year Integrated course | University Institute of Legal Studies, Chandigarh |
| 2. | B.A.LL.B. (Hons.) Five-Year/ Three Year Integrated course | Panjab University Regional Centre, Ludhiana |
| 3. | B.E. Courses | Swami Sarvanand Giri Panjab University Regional Centre, Bajwara, Hoshiarpur |
| 4. | B.E./M.E. Courses | University Institute of Engineering & Technology, P.U., Chandigarh |
| 5. | B.D.S. | Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, P.U., Chandigarh |
| 6. | B.Ed., M.Ed., PGD.C.A., M.F.C. and P.G. Diploma in Mass Communication | Department of Correspondence Studies, P.U., Chandigarh |
| 7. | M.Sc. in System Biology and Informatics, Master in Public Health, M.Sc. Nuclear Medicine | Centre for Emergency Areas in Science & Technology. |
| 8. | Any other partially Self-supporting course which may be introduced in future. | |

(Vide Syndicate Para 42, dated 27-5-2006).

2*. From the admissions of 1987-88, employees as well as sons/daughters of University employees studying in the University Teaching Departments/Colleges/enrolled in the University Department of Correspondence Studies be granted tuition-fee concession as under :-

- | | | | |
|------|--------------------------------|----|-----------------------------|
| (i) | Employee or one Child | .. | Full tuition fee concession |
| (ii) | 2nd and other children, if any | .. | Half tuition fee concession |

Note- In case the employee himself is in receipt of full fee concession, then all of his children will be entitled to half fee concession only.

Provided that in the case of such an employee who fails in the examination for which he is permitted or whose conduct is reported unsatisfactory or who does not take proper interest in the office work, the concession to him will be discontinued.

3. The sons/daughters of in-service and confirmed employees of the Panjab University be given 50% fee concession in the category of NRI candidates, in all such courses where this concession has already been granted by the Board of Finance/Syndicate/Senate for the sons/daughters of Panjab University employees, with effect from the session 2003-2004. Employment certificate for the purpose be issued by the Head of the Department/Branch concerned for each year of the course.

In case, during the course of study, the employee retires or leaves the service, the concession would be withdrawn for the subsequent years of the course. However, in the case of employees who die in harness before the age of superannuation, the concession would be available upto the age of superannuation.

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4. Minor sisters and minor brothers of a member of the University staff living with him will be eligible for fee concession like sons and daughters of a member of the staff, provided the sister or brother is wholly dependent upon the University employee.
5. The wife of a University employee who is not working but is studying in a University College/ Department or has enrolled herself with the Department of Correspondence Studies will be granted fee concession as available to sons/daughters and dependent sisters or brothers of an employee.
6. From the examinations of 1988; the refund of examination fee on passing a University examination be granted to all class-B and C employees only, irrespective of the limit of pay.
7. The dependent sons/daughters of retired University employees shall also be entitled to the fee concession on the same basis as admissible to the dependent sons/daughters of in-service University employees.
8. 25% tuition fee concession serving university employees and their wards and also to the Wards of retired university Employees/Wards of college teachers studying in self financing courses.

(Vide Syndicate Para 17 dated 13.12.2010).

Note :-Forms complete in all respects for grant of tuition fee concession on the basis of poverty, brother/sister/daughters/dependents of University Employees should reach the University Office by 15th Sept. for all categories of students. The applications for fee concession received after the due date shall not be entertained. The concessions are available only for one year. All such students shall pay full fee till concession are granted by D.U.I. Non-payments of tuition fees at own shall be treated as 'Struck off'.

Guidelines for freeship and tuition fee concession :

1. The University may provide five per cent of seats freeship for meritorious students belonging to economically weaker sections of the society in all partially Self-Supporting courses/ departments running in Panjab University/Institutes/Regional Centres of the Panjab University.
2. Freeship would mean (tuition fee+Lab. charges) concession only, not to be claimed by students as a matter of right.
3. At the first instance, the concerned Board of Control/Coordinator shall fill all the sanctioned seats by following the normal admission procedure.
4. The concerned Board of Control/Co-ordinators shall list out the candidates who are eligible for freeship concession.

5. For the purpose of the above concession, candidates must have passed the qualifying examination in the first class (60 per cent marks-proof to be added) and the total family income from all sources not exceed Rs. One lac per year. For proof of family income from all sources should not exceed Rs. One lac per year, the income certificate shall be accepted when issued by the competent authority which shall mean the Tehsildar, SDM or the employer as the case may be. In addition an affidavit duly attested by a Magistrate, giving full details of total family income should be submitted. Candidates holding yellow cards/yellow ration cards would be given preference over other candidates provided other merit conditions remained the same.

6. For continuation of the freeship granted to students during the first year of admission to a course, the following rider be imposed :

“The freeship will be continued in the subsequent years only if the student passes the previous examination with a minimum of 60 percent marks in the aggregate for science students and 55 percent marks for students in departments other than science. The student should have passed the examination in first attempt i.e. should not have a reappear or compartment.” Photocopy of lower examination passed detail marks certificate may enclosed with the refund form.

7. Those students whom intend to seek the concession must enclose all the relevant documents along with the admission/counseling form so that cases be decided right at the time of admission. They are further required to submit an affidavit along with the admission form that if any document is found to be false or any information found to be concealed their admission will be cancelled.

8. Seats equal to the number of candidates who have been given shall be filled up over and above the sanctioned seats of the concerned course in the same/subsequent counseling following the original merit list of general category.

9. On shifting from one Course to another, a student, if provided tuition fee concession in the previous Course, will be entitled to claim the said concession in the latter course only if the said concession is available in the latter course.

Note : That the time period for applying refund of fee by the students be fixed up to 30th November and refund application alongwith requisite document must reach the ARA-II office by the **15th December from the Department/Institution.**

PANJAB UNIVERSITY, CHANDIGARH

APPLICATION FOR REFUND OF (i) LIBRARY SECURITY (ii) TUITION FEE/EXCESS FEE

(i) **The time limit for claiming Security is six months.**

(ii) **[The time limit for the claim for Tuition Fee 30th November (as the case may be)]**

To

The Registrar,
Panjab University,
Chandigarh.

Dear Sir,

Kindly refund the sum of Rs..... (Rupees.....only) paid by me to your office, as per particulars given below :

1. Name of the student (in block letters).....
2. Father's name.....
3. Name of the Department.....
4. Class..... Roll No.....
5. Nature of refund claimed.....
6. Reasons for claiming refund.....
7. Date of joining the Department..... (year in which you sought the Admission for the 1st time)
8. Date of leaving the Department.....
9. I willingly donate the sum of Rs..... (.....) deposited by me as Library Security/Fee, to a fund, for building an Auditorium in the University.

.....
Name & Signature of the donor.

Counter Signature
Chairman/Head of the Deptt.

Yours faithfully,

Dated.....

(Signature of the student)

Address at which the
Cheque is to be sent

TO BE FILLED IN BY THE HEAD OF THE DEPARTMENT

Endorsement No..... Dated

Forwarded to the Registrar, Panjab University, Chandigarh, with the remarks :

- (1) That the above particulars have been verified and found correct.
- (2) That the student has returned all the books and apparatus to the Department and nothing is due from him/her.
- (3) That he/she did not overstay in the department in connection with the completion of his/her research work (this is applicable in the case of M.Sc./M.Pharm. students only).
- (4) That the student owes nothing to the Panjab University as he was not a member of the Library. The clearance certificate from the Librarian is given below.

It is further certified that student has worked as a Student Demonstrator, with effect from....., to 31st March.

- (5) That the claim has been made within the time limit.
- (6) Total fee deposited by the candidate Rs.....Receipt No.Dated.....
- (7) Date of admission of the candidate on.....
- (8) Date of left the Deptt. of the candidate on.....
- (9) Reason of left the Deptt.....
- (10) Date from the class started.....

Head of the Department

Certified that Mr./Miss/Mrs.....Roll No.....
Class.....Deptt.....Session.....has returned all the books and nothing is due from him/her.

Librarian

**REVISED AMOUNT OF DONATION FOR INSTITUTION AN ENDOWMENT OUT OF SPECIAL
ENDOWMENT TRUST (SET) FUND**

That the existing amount of donations for instituting an endowments and Scholarships be revised, as under, to cope up the amount os Scholarship/lectures/cash prizes on account of Special Endowment Trust (SET) Fund :

Existing amount of donation	Revised amount of donation
<p>(i) Medal</p> <p>Rs. 25,000/- (Twenty five thousand) OR U.S.\$ 10,000/- (Ten thousand) OR Pound Sterling 5000/- (Five thousand)</p>	<p>(i) Medal</p> <p>- Rs. 1,00,000/- (One lac) OR U.S.\$ 3,000/- (Three thousand) OR Pound 2000/- (Two thousand)</p>
<p>(ii) Scholarship(s)</p> <p>Rs. 1,00,000/- (One lac) OR U.S.\$ 15,000/- (Fifteen thousand) OR Pound Sterling 7500/- (Seven thousand five hundred)</p>	<p>(ii) Scholarship(s)</p> <p>- Rs. 4,00,000/- (Four lacs) OR U.S.\$ 10,000/- (Ten thousand) Pound 6500/- (Six thousand five hundred)</p>
<p>(iii) Lecture</p> <p>Rs. 80,000/- (Eighty thousand)</p>	<p>(iii) Lecture</p> <p>Rs. 4,00,000/- (Four lacs) OR U.S.\$ 10,000/- (Ten thousand) OR Pound 6500/- (Six thousand five hundred)</p>
	<p>(iv) Cash Prizes</p> <p>Rs. 1,00,000/- (One lac) OR U.S.\$ 3000/- (Three thousand) OR Pound 2000/- (Two thousand)</p>

(Syndicate Para 18, dt. 31-8-2010)

*Scholarships/Stipends admissible to the Campus Students
out of Special Endowment Trust Funds*

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
1. S. Shiv Charan Singh Scholarship	Rs.150 p.m. (for 10 months)	1	On Need-cum-Merit basis for a poor Student of Physics (Hons. School)
2. Sh. Milkhi Ram Sharma Memorial Scholarship	Rs. 250 p.m. (for 10 months)	1	To a student of M.A./M.Sc. resident of Una Distt. Himachal Pradesh on merit basis.
3. Bishan Chand Mahajan Scholarship	Rs.150 p.m. (for 10 months)	1	To a student on Poverty-cum-Merit basis on the recommendation of the Chairperson of the Deptt. of Laws.
4. Dr. S.R. Ranganathan Scholarship	Rs.100 p.m. (for 10 months)	1	To a deserving student of the Bachelor of Library & Inf. Science.
5. Wing Commander S.L. Malhotra Scholarship	Rs. 200 p.m. (for 10 months)	1	To a deserving student who joins the M.Sc. (Hons. School) in Physics on Merit-cum-Means basis.
6. I.I. CH.E. Scholarships	Ist year Rs.1000 p.a. IInd Year Rs.1100 p.a. IIIrd year Rs.1200 p.a. IVth year Rs.1300 p.a.	4	To be awarded to one student of each under-graduate class of the Chem. Engg. & Tech. Deptt.
7. Dr. & Mrs. V.S. Puri Scholarship	Rs. 200 p.m. (for 10 months)	1	To a student studying in any Teaching Deptt. on Merit-cum-Means basis.
8. Dr. Ramji Narain Omvati Scholarship	Rs. 300 p.m. (for 10 months)	1	To be awarded to a final year student of Master in Bio-Chemistry on Merit-cum-Need basis.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
9. Mai Partap Kaur Scholarship	Rs. 200 p.m. (for 10 months)	1	On Merit-cum-Means basis to a student of Chem. Engg. & Tech. Deptt. hailing from rural areas of Punjab State (Preferably).
10. Tara Chand Gupta Memorial Scholarship	Rs. 400 p.m. (for 10 months)	1	Merit-cum-Means basis in the Deptt. of Mass Communication.
11. Prof. B.R. Puri Scholarship	Rs. 300 p.m. (for 10 months)	1	To be awarded to a student standing first in the B.Sc. (Hons. School) in Chemistry for pursuing studies in M.Sc. (Hons. School) (Physical Chemistry).
12. Dewan Som Nath Stipends	Rs. 400 p.m. (for 10 months) (each)	25	On Merit-cum-Means basis.
13. P.U. Soldier's Relief Fund Stipends	Rs. 400 p.m. (for 10 months) (each)	2	To the sons and daughters of members of Defence Services studying in the Panjab University affiliated colleges. Preference will be given to the children of those who are disabled or have been killed in Military operations.
14. Sh. Charu Dev Shastri Endowment Fund	Rs. 300 p.m. (for 10 months) (each)	2	For standing Ist and 2nd in the subject of Sanskrit Stipends in the B.A. and wishing to do M.A. in Sanskrit.
15. Guraditta Mal Shiv Ram Fellowship in Bryology	Rs. 500 p.m. (for 36 months)	1	In the discipline of Bryology for 36-42 months for Ph.D. Degree in the Deptt. of Botany.
16. Lachmi Durga Scholarship	Rs. 300 p.m. (for 10 months)	1	To a girl student of M.Phil. class in Bryology, Deptt. of Botany.
17. Smt. Balwant Kaur & Sh. Dhanpat Roy Behl Scholarship	Rs. 1500 p.a. (fixed)	1	To a meritorious and deserving Post-graduate student of the Deptt. of Mathematics

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
18. Prof. I.N. Madan Memorial Scholarships	Rs. 250 p.m. (for 10 months) (each)	2	To M.A. Part II (Hindi) students as detailed below : (i) One Scholarship to the Deptt. student standing 1st in class i.e M.A. I (Hindi) (ii) One scholarship to a student standing 1st in M.A. I (Hindi) Exam. in the Panjab University.
19. Baba Prithvi Singh Azad Scholarship	Rs. 300 p.m. (for 10 months)	1	One Scholarship of Rs. 300/- shall be awarded to a student of M.A. Part II Sociology, having obtained the highest marks in M.A. Part I Sociology in the Department of Sociology, Panjab University.
20. Prof. K.N. Lakshminarayan Memorial Scholarship	Rs. 200 p.m. (for 10 months)	1	For a student of Physics Deptt., who secures first division & first position in B.Sc. (Hons. School) Physics exam. of the P.U., without having any reappear.
21. (a) Late Sh. Sampuran Mahant Memorial Scholarship	Rs. 700/- p.m. (for 10 months)	1	To be awarded to a student of M.Sc. (Hons. School) Chemistry final year on the basis of his/her merit in the M.Sc. (Hons. School) Ist year examination.
(b) Late Smt. Lila Mahant Memorial Scholarship	Rs. 500/- p.m. (for 10 months)	1	To be awarded to a student of B.Sc. (Hons. School) Chemistry final year on the basis of his/her combined merit of 1st and 2nd year B.Sc. (Hons. School).
22. Prof. Hans Raj Gupta Memorial Scholarship	Rs. 2000 p.a. (fixed)	1	For a student of Mathematics Deptt. B.Sc. (Hons. School) in Mathematics 1st year class on the basis of written and viva-voce test.
23. Sh. Rajinder Mohan Kumar Memorial Scholarships	Rs. 500 p.m. (for 10 months) (each)	2	For students of Deptt. of Chem. Engg. & Tech. on Merit-cum-Means basis.
24. Amrit Kaur Khurana Memorial Scholarship	Rs. 150 p.m. (for 10 months)	1	For student of Chem. Engg. & Tech. on Merit-cum-Means basis.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
25. Thakur Datta Sharma Dharmarth Scholarships	Rs. 100 p.m. (for 10 months) (each)	5	For students of Chem. Engg. & Tech. 1st year class. Purely on merit, determined on the basis of entrance test.
26. Durga Devi Ram Dass Merit Scholarships	Rs. 600 p.m. (for 10 months) (each)	2	For students of B.Sc. (Hons. School) Chemistry Deptt.
27. Ram Parkash Mehra Memorial Scholarship	Rs. 1500 p.a. (fixed)	1	For student of Diploma Course of the Deptt. of Computer Science & Applications on Merit-cum-Need basis.
28. Kamal Gupta Memorial Scholarship	Rs. 100 p.m. (for 10 months)	1	To a student of M.A., Deptt. of Hindi on Merit-cum-Means basis.
29. Alfred Woolner Scholarship	Rs. 200 p.m. (for two years)	1	To a student of M.Phil./Ph.D., holding the degree of Master of Arts in one of the Indian Languages preferably of the Panjab University.
30. Prof. D.V.S. Jain Merit Scholarship	Rs. 400 p.m. (for 10 months)	1	To a student of M.Sc. Part II (Hons. School) in Chemistry.
31. Yamuna Devi Tejaswigiri Scholarships	Rs. 300 p.m. (each)	2	For Engg. Degree Course (including Chemical Engg.) students on Merit-cum-Means basis.
32. Late Sh. Pritam Nath and Mrs. Ram Piari Scholarships	Rs. 500 p.m. (for 10 months)	2	To the wards of the University employees studying in the University Departments on the basis of Merit-cum-Means.
33. Pt. Labhu Ram Sharma Scholarship	Rs. 500 p.m. (for 10 months)	1	To a needy student who have passed his 10+2 exam. from any School/College located in Hoshiarpur Distt. and joined M.Sc. I/II class of any Science Deptt. of Panjab University.
34. Pt. Labhu Ram Sharma and Shanta Sharma Scholarships	Rs. 500 p.m. (for 10 months)	2	To a needy student who have passed his 10+2 exam. from any School/College located in Hoshiarpur Distt. and joined M.Sc. I/II class of any Science Deptt. of Panjab University.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
35. Class of 1969 Scholarships	Rs. 500 p.m. (each) (for 10 months)	4	One each to 1st year, 2nd year, 3rd year and 4th year student of the Deptt. of Chemical Engg. & Tech., P.U., Chandigarh.
36. Dr. J.N. Kaushal Scholarship	Rs. 1000 p.m. (for 10 months)	1	To be awarded to a student of LL.B. 1st Sem. on the basis of merit of Entrance Test conducted by the University.
37. Mr. Justice R.P. Khosla Mem. Scholarship	Rs. 1000 p.m. (for 10 months)	1	To a needy and deserving student of LL.M. 1st year for the duration of the Course in the Deptt. of Laws.
38. Tikka Jagjit Singh Bedi Mem. Scholarships	Rs. 500 p.m. (each) (for 10 months)	2	To the needy students of the Deptt. of Laws.
39. Dr. B.M. Anand and Mrs. Ram Lubhia Anand Scholarships	Rs. 500 p.m. (each) (for 10 months)	2	One to a student admitted in B.Sc. I (H.S.) Physics on the basis of merit and the other to the most needy student of any class of Physics (H.S.) of the Physics Deptt.
40. (i) Mrs. Udham Kaur Menon Educational Scholarship	Rs. 800 p.m. (for 10 months)	1	To a girl student of B.A./B.Sc. Part-I studying in colleges affiliated to Pb. University, who should be a resident of Nawan Shahar (Pb.) on the basis of Merit-cum-means.
(ii) Mrs. Udham Kaur Menon Educational Scholarships	Rs. 1000 p.m. (for 10 months) (each)	2	Two Scholarships to the girl students studying in Medical Colleges affiliated to Pb. University Strictly on the basis of Merit-cum-means.
41. Dr. Prabha Chaudhry Memorial Scholarship	Rs. 500 p.m. (for 10 months)	1	To be awarded to a deserving student (Preferably female) of M.B.B.S. course in final M.B.B.S. Part I & II classes on the basis of Merit-cum-means.
42. Late Mrs. Pushpa & Sh. G.L. Chojar Memorial Scholarship	Rs. 500 p.m. (for 10 months)	1	To be awarded to a girl student specially belonging to poor family without distinction of caste, creed or religion doing Ph.D. in Hindi in the Deptt. of Hindi, P.U., Chd. and in case Ph.D. student is not available the same be granted to an M.A. Hindi student.
43. Sh. H.L. Sarin Memorial Essay & Moot Competition	Ist prize Rs. 2000/- IInd prize Rs. 1500/- IIIrd prize Rs. 1000/-	2	To students who win All India Essay competition on Rent Law.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
44. Late Sh. Hari Ram Luther Memorial Scholarship	Rs. 9000/- p.a.	1	To be awarded to promising undergraduate mathematics students in his/her B.A. III class.
45. Late (Mrs.) Ved Kaur Luther Memorial Scholarship	Rs. 9000/- p.a.	1	To be awarded to promising undergraduate Punjabi literature student in his/her B.A. III class.
46. Late Sh. Ajit Singh Sarhadi Memorial Scholarships	Rs. 8000/- p.a. each	2	Two students, one from second year and one from final year of LL.B.
47. Sh. Inder Pal Singh Palu Memorial Scholarship	Rs. 600/- p.m. (for 10 months)	1	To be awarded to the Ward of 'C' class University employees in the deptt. of Chem. Engg. & Tech., Pharmaceutical Sciences and B.Sc. (H.S.) on the basis of merit of Entrance test for admission to first year Course in their deptts. In case any Ward of 'C' class University employee is not available the scholarship may be awarded to the Ward of 'B' class University employee failing which Ward of 'A' class University employees.
48. Seth Beni Prashad Memorial Scholarship	Rs. 2500/- p.a.	1	To be awarded to the best student of M.A. Economics Part II for his/her outstanding performance in Academics on the basis of result of M.A. Part I class.
49. Prof. S.R. Bawa Merit Scholarship	Rs. 650/- p.m. (for 10 months)	1	The scholarship be based on merit to a student standing first-class first in B.Sc. (H. S.) exam. in Bio-Physics, provided the student is enrolled in M.Sc. (H.S.) in Bio-Physics.
50. Late (Mrs.) Vimal Chadha Memorial Scholarship	Rs. 500/- p.m. (for 10 months)	1	To be awarded to the topper of M.A. English previous year examination of the whole of University held every year.
51. Surinder & Sarika Mahant Library Science Scholarships	Rs. 450/- p.m. (each) (for 10 months)	2	(i) To be awarded to the First Year student of M.Lib. & Information Science (Two year integrated course) on the basis of Financial need-cum-merit. (ii) To be awarded to the Second Year student of M.Lib. & Information Science (Two year integrated course) on the basis of Financial need-cum-merit.

Name of the Scholarship out of Special Endowment Trust Funds	Value of Scholarship	Number of Scholarships	Descriptions of Scholarship
52. Rajni Rai-cum-C. Rai Barrister Memorial Scholarship	Rs. 400/- p.m. (for 10 months)	1	To be awarded to the needy & deserving Law students of Law Faculty of P.U. either to LL.B. students or LL.M. students.
53. Shanti Rai Sahni Scholarship	Rs. 1000/- p.m. (for 10 months)	1	To be awarded to a needy and meritorious student who seek admission in Ist year Electronics and Communication Engg. at P.U. Chandigarh
54. Smt. Somwati and Sh. Thakur Das Farwaha Memorial Scholarships	Rs. 5000/p.a. (each)	2	(i) For Chemistry : To be awarded to a student who topped in the B.Sc. (Hons. School) and admitted in the 1st year of M.Sc. (Hons. School) (ii) For UIET : To be awarded to a student who in the order of merit of CET admitted in the UIET in any stream.
55. Prof. (Dr.) S.R.K. Chopra Scholarship	Rs. 500/- p.m. (for 10 months)	1	To be awarded to topper in B.Sc. (H.S.) Final in Anthropology.
56. Late Abhishek Sethi Memorial award.	Rs. 30,000/- p.a.	1	To be given to one topper student of securing highest aggregate marks from all the courses in U.I.E.T. Department.
57. Late Prof. V. C. Dumir Scholarship for Mathematics Excellence.	Rs. 1000/- p.m. (for 10 months)	1	To be awarded to the meritorious student of M.Sc. (H.S.) Ist year studying in the Department of Mathematics P.U., Chandigarh and would be continued to that student for M.Sc. (H.S.) 2nd year after examining his/her performance.
58. Late Dr. Laxmi Narain Sharma Memorial Scholarship	Rs. 700/- p.m. (for 10 months)	1	To be awarded to the candidate standing first in the subject of Hindi in the B.A. Exam. and wishing to do M.A. Hindi in the Deptt. of Hindi.
59. (i) Late Parameshwara Nand & Smt. Gayatri Devi	Rs. 700/- p.m. (for 10 months)	1	To be awarded to a student of P.U. Sanskrit Deptt. for standing First in M.A. Sanskrit Part I.
(ii) Late Smt. Padma Sharma	Rs. 700/- p.m. (for 10 months)	1	To be awarded to a student of P.U. Sanskrit Deptt. for standing 'Second' in M.A. Sanskrit Part I Exam.

60. "Late Mrs. Saubhagya & Prof. Prem Nath Memorial Scholarship".
To be awarded 'four' fellowships for M.A. students of the Deptt. of Philosophy on the following terms and conditions :-
- (i) 'One' scholarship in M.A. Ist year be awarded to the student for standing 'first' in the list of admitted students.
 - (ii) 'Second' scholarship be awarded to the student of M.A. Ist year who is both needy and meritorious.
 - (iii) 'Third' scholarship in the M.A. 2nd year be awarded to the student who secured highest marks in the M.A. I exam.
 - (iv) 'Fourth' scholarship be awarded to the student of M.A. 2nd who is both needy and meritorious.
 - (v) Amount of each scholarship would be Rs. 1000/- p.m. for 10 months.
61. **Justice Teja Singh Memorial Scholarship**
To be awarded to the students who have been admitted to LL.M. 1st Semester on need-cum-merit basis.
62. **Prof. P.S. Gill Memorial Scholarship**
To be awarded to M.Sc. (H.S.) IInd Physics/M.Sc. (H.S.) IInd Physics & Electronics students on the basis of their performance in both the semester of M.Sc. (H.S.) Ist Physics/M.Sc. (H.S.) Ist Physics & Electronics.
63. Ten Scholarships each on the result of B.A./B.Sc. (General) First Year Examination.
 64. Two Scholarships on the result of B.A./B.Sc. (General) Third Year Examination i.e. one for B.A. and other for B.Sc.
 65. One Scholarship in each subject for standing first in the combined result of B.A.
 66. One Scholarship each on the result of the B.Sc. (Hons. School) Final examination in Chemistry, Biochemistry, Anthropology, Zoology, Botany, Physics, Geology, Microbiology and Bio-Physics.
 67. Silver Jubilee Merit Scholarship Rs. 200 p.m. for M.Sc. 1st year (for Maths. student).
 68. Eight NBHM Scholarships of the value of Rs. 700 p.m. for outstanding students joining B.Sc. (Hons. School) First year in Mathematics on the basis of performance of students in the Common Entrance Test, aptitude test/interview.
 69. One Scholarship each on the result of B.Sc. (Home Science) Part-I, II and III examination.
 70. One Scholarship each on the result of 2nd semester of the 1st, 2nd, 3rd and 4th Year Bachelor of Architecture exam.
 71. Fifteen Scholarships each on the result of 2nd, 4th and 6th semester of B.Engg. examination.
 72. Nine Scholarships each on the result of 1st and 2nd Professional of MBBS examination.
 73. One Scholarship on the result of Shastri Part III examination on joining the Acharya Part-I class.
 74. One Scholarship on the result of Acharya Part-I examination on joining the Acharya Part-II class.
 75. LL.M. Part-I :- Two Scholarships to the top most students provided they secure at least 60% marks at the LL.B. Examination.
 76. LL.M. Part-II :- Two Scholarships to the top most students provided they clear the LL.M. Part I in the 1st attempt.

Note: Sr. No. 63–76 does not covered under special Endowment Trust Fund.

1. Scheme of Post Matric Scholarship of OBC Students by the Govt of India/State Govt/U.T. Admn. Studies in India.

Those candidates belonging to OBCs so specified in relation to the State/Union Territory to which the applicant actually belongs, i.e. is permanently settled, who have passed the Matriculation or higher secondary or any higher examination of a recognized university or Board of Secondary Education and who belong to a family having income not exceeding Rs. 44,500/- per annum are eligible.

2. Scheme of Post Matric Scholarship for student belonging to Minority Communities for Studies in India.

Scholarship will be awarded to the students who have secured not less than 50% marks or equivalent grade. In the previous final examination and the annual income of whose parents/guardian from all sources does not exceed Rs. 2 lakh.

3. Financial Assistance to students for SC/ST categories under the budget head improvement of education. Sub head for providing Subsidy/Grant/Assistance i.e. Rs. 4 lac. The income criteria for grant of Financial Assistance to SC/ST student of the teaching departments is Rs. 2 lac. (Income limit Rs. 2 lac) & other formalities like Post Matric Scholarship.

The following scholarships are to be given to students belonging to Scheduled Caste and special grants to girls belonging to Scheduled Castes.

Girls belonging to Scheduled Castes whose parents/guardian are the permanent residents of Punjab State should be given special grant in addition to the scholarship. The annual income of the family should not exceed Rs. 9000. Such students should belong to the Colleges in the State of Punjab and U.T., Chandigarh. A brief detail regarding each scheme is given below :-

(1) Post-Matric Scholarship Scheme of the Govt. of India

Those students belonging to the Scheduled Castes whose parents/guardian are the permanent residents of Punjab State and are studying in any recognised college in any part of India are entitled for scholarship, provided that the yearly income of their parents/guardian from all sources should not exceed Rs. 1,00,000.

(2) State Post-Matric Scholarship Scheme (Evening Classes)

Whole time employees belonging to the Scheduled Castes who are the permanent residents of Punjab State and are regular students of evening colleges in Punjab and Chandigarh should be given scholarships, provided that the annual income of the family should not exceed Rs. 9000 and they are required to be the whole-time employees of the Corporations, Institutions controlled by the Punjab Govt.

(3) Freeships under State S.C. Welfare Scheme

The Govt. Colleges should not charge fee from students belonging to Scheduled Castes whereas the Private Colleges, Institutions should claim the remaining amount from the Govt. after leaving 2% of total students and this condition of 2% does not apply in case of Technical Colleges.

(4) Scholarships to students belonging to Scheduled Tribes

Scholarships are granted to children to permanent resident of Scheduled Tribes (formerly Criminal Tribes) in the State of Punjab who are studying at the college level, provided that the annual income of the parents/guardian of such students should not exceed Rs. 5000 or land revenue should not be more than Rs. 1000 p.a.

(5) A New Corpus ‘Merit-cum-Poor Student Loan Scheme’.

Grant of ‘Merit–cum-Poor Student Loan Scheme’ in self financing courses.

The Syndicate at its meeting held on 30-1-2010 vide Paragraph 27 had approved :-

“that a sum of Rs. one crore be sanctioned out of the interest earned on the fund ‘Foundation for Higher Education & Research Account’ to constitute a new corpus ‘Merit–cum-Poor Student Loan Scheme’ in self financing courses for providing soft loan to the financially weaker and meritorious students w.e.f. November 2010”.

Accordingly, the benefit is to be extended to the students who fulfill the following conditions :-

INSTITUTION OF A CORPUS FOR MERITORIOUS AND NEEDY STUDENTS IN THE SELF FINANCING COURSES:

The education loan subsidy may be given on the basis of merit-cum-mean basis out of the interest earned on the Corpus of Rs. one crore to the students **who have taken education loan from any nationalized bank** for undertaking Graduate/Post-Graduate self financing courses in the University as per following guidelines :-

1. The amount of education loan subsidy shall be Rs. 16,000/- per annum per student for once during the course. **The maximum number of students shall be 50 in a year.** This amount has been recommended on the basis of present return on the Corpus. It shall be reviewed on yearly basis.
2. The income limit to be eligible to qualify for receiving education loan subsidy under this scheme shall be Rs. 1.5 lacs family income per annum. In case of less number of candidates, the income limit may be increased to Rs. 2.50 lacs.
3. The education loan subsidy shall be disbursed at the end of the academic year after the declaration of result to those students who secured 60% marks.
4. This subsidy shall be disbursed on the basis of a certificate from the nationalized bank from where the student has taken education loan. The subsidy would be towards the principle amount of the loan and the amount of subsidy shall be paid to the bank directly.
5. The students claiming subsidy under this scheme should not have taken any other scholarship or assistance from an other agency for that course. In this regard an undertaking shall be obtained from the student.

The students who fulfill the conditions and desirous to avail the said loan subsidy may apply for the purpose on the prescribed Proforma. The said application should reach in the office of the Assistant Registrar Account-II, Panjab University, Chandigarh latest by 15th Sept. 2011. Incomplete applications will not be entertained/the applications received after the due date will be rejected.

MEDALS CREATED THROUGH ENDOWMENTS

1. Prof. M.G. Singh Gold Medal for highest marks in linguistics paper related to any group of M.A. (English) final examination, provided the awardee passes the examination in the first or second division in the first attempt.
2. Jiwan Mal Malhotra Gold Medal in M.A. History examination, on alternate year, to the best candidate on the basis of result of two years.

3. Arun Modi Gold Medal for standing first in the Final Chemical Engineering Examination.
4. Panjab University Journalists' Society Gold Medal for standing first in the Bachelor of Mass Communication.
5. Pt. Hem Raj Memorial Medal for standing first in the Final B.Sc. (Hons. School) Examination in Mathematics.
6. Mohinder Pal Aggarwal Gold Medal to the poorest candidate amongst the three top position holders of final M.B.B.S. Examination.
7. Swami Nirvikaranand Saraswati Gold Medal to the student who tops the list of candidates in all M.A. Examinations together.
8. Kartar Singh Chadha Gold Medal for standing first in the LL.B. examination.
9. Pt. Hem Raj Silver Medal for standing first in M.Sc. (Mathematics).
10. R.B. Badri Dass Silver Medal for standing first in the LL.B. final Examination.
11. Attar Chand Kapur Silver Medal for standing first in M.A. Economics.
12. Uttam Devi Medal for the girl candidate standing first in the Prabhakar Examination.
13. Gadgil Gold Medal for obtaining top position in M.A. amongst the Social Sciences (History, Pol.Sc., Economics, Public Administration and Sociology).
14. Prof. Prem Singh Silver Medal for standing first in the B.Sc. (Honours School) in Chemistry.
15. Dewan Bahadur Wali Ram Taneja Gold Medal for standing first in M.Sc. Honours School in Anthropology.
16. Mohinder Pal Aggarwal Silver Medal to the poorest candidate amongst the three top position holders in final B.Sc. Examination.
17. S.J. Jindal Trust Gold Medals for standing first in Prajna, Visharad, Shastri and Acharya.
18. S.J. Jindal Trust Silver Medals for standing second in Prajna, Visharad, Shastri and Acharya.
19. H.M.T. (Bangalore) Gold Medal for standing first in Bachelor of Mechanical Engineering Examination.
20. Smt. Pritam Devi Rampal Memorial Silver Medal to a girl student standing first in the final B.Sc. (Home Science).
21. Dr. Devinder Sarup Singh Memorial Gold Medal to the student standing 1st in the M.B.B.S. Examination.
22. Sherie Doonga Ji Silver Medals for standing 1st in M.Sc. (Home Science) combined results of all the disciplines & B.Sc. (Home Science) examination.
23. Shri Gurbachan Singh Aggarwal Memorial Gold Plated Silver Medal for standing first in Civil Procedure Code/Company Law in LL.B. class in alternate years.
24. Dr. Surinder Vadhera Memorial Gold Medal for standing 1st in M.B.B.S. examination.
25. Ms. Sudarshan Pal Sidhu Gold Medal for standing 1st amongst the women candidates for M.Ed. examination.
26. Dr. Ramji Narain Omvati Gold Medal for standing 1st in B.Sc. (Hons. School), Bio-Chemistry examination.
27. Dr. Ramji Narain Omvati Gold Medal for standing 1st in M.Sc. (Hons. School), Bio-Chemistry examination.

28. H.M.T. (Bangalore) Gold Medal for standing 1st in Bachelor of Production Engg. examination.
29. Rajiv Verma I.P.S. Gold Medal for standing first in M.A. History examination.
30. Prof. I.S. Gupta Gold Medal for Chem. Engg. & Tech. student for securing highest marks in Technology paper III of both V & VI semesters (All combined) of B.Chem. Engg. Examination.
31. "P. Sundarayya Gold Medal" on the result of M.A. final Political Science examination, offering the optional paper of Marxism at any level.
32. Prabhat Memorial Gold Medal to a student for standing first in M.A. Indian Theatre examination.
33. Prof. Hans Raj Gupta memorial two silver medals to the best graduate students of M.Sc. (Hons. School) and M.Sc. 2 year course in the department of Mathematics.
34. Prem Chand Silver Medal to the best short story writer in Hindi amongst the students of the University Teaching Departments and the affiliated colleges.
35. Surendra Nath Gold Medal to a best all rounder student of B.Sc. (Hons. School) in the Deptt. of Chemistry.
36. Om Gupta Gold Medal for standing first in B.E. (Chemical Engg.) final examination.
37. Smt. Raj Suri Gold Medal for passing M.A. Sanskrit and obtaining highest marks amongst the students who have studied Group (A) Veda (Paper III) Vedic Samhitas (Paper IV) Brahmina & Vedanga in M.A. final year.
38. Dr. Prem Nath Chhuttani Gold Medal to the student who tops in the subject of Medicine in the M.B.B.S. Final Examination of the University.
39. Dr. Vidya Prakash Verma Silver Medal to the best Dental Faculty Student in Surgery.
40. Dr. Jagdish Saran Sharma Memorial Gold Medal for standing first in the Master of Library Science Examination.
41. Sh. & Smt. Khushi Ram Kahol Memorial Gold Medals, one for the student who passes through M.Sc. successfully in the first attempt and obtains highest marks in Solid State Physics course offered in M.Sc. II in the Physics Deptt. and another medal to the student who gets the 1st position in first attempt on completion of the M.Sc. programme in the Physics Deptt.
42. Prem Chand Short Story Medal.
 1. A Silver Medal (out of the interest of Rs.1,100) shall be awarded to best short story writer in Hindi every year.
 2. It shall be named as Prem Chand Kahani Puraskar.
 3. All students who are on the rolls of Teaching Departments of the University and on the rolls of colleges affiliated to the University shall be eligible for contesting the Medal.
 4. Entries shall be submitted in a sealed cover in the manner prescribed below by registered post to the Registrar, Panjab University, Chandigarh by name not before the 14th but not later than the 30th day of August each year. On the outer cover the candidate shall simply write "Prem Chand Medal" and inside it, there shall be two sealed envelopes one marked "Prem Chand Short Story Entry" having in it the story with only the candidate's pseudonym, but no means of identification such as his name, address; University Department/College, Roll No. or the like; the other

marked 'Candidate's Identity' having in it his name, Father's name, address, University Department/ College, University Roll No. and the pseudonym adopted by him; in this cover he shall also enclose a certificate from the Head of the Department/College certifying the short story to be the candidate's unaided work.

5. All contestants shall certify in writing that the short story is written by him/her and it shall be countersigned by the Head of the University Department or by the Principal of the College concerned.
 6. The Head of the Hindi Department shall suggest panel of five names out of which the Vice-Chancellor shall select two to act as judges for evaluating the best short-story for the year.
 7. The decision of the judges shall be final.
 8. The medal shall be awarded at the annual Convocation of the University.
 9. The copyright of the story accepted for Medal shall rest with the University, which may publish it.
 10. No one shall be eligible for the award of the medal for more than once.
43. Gold Medal for Dr. Hazari Prasad Dwivedi Essay Contest on Emotional Integration of the Country.
1. In order to promote literature for the Emotional Integration of the country an essay contest in the medium of English, Hindi and Punjabi shall be held annually. The contest shall be open to all bona-fide students of the University, reading in Degree and Post-graduate classes in the University Teaching Departments and colleges affiliated to the University.
 2. A gold medal shall be awarded for the essay adjudged best and shall be presented at the University Convocation.
 3. An essay not exceeding 6000 words neatly typed or handwritten shall be submitted in duplicate for the contest.
 4. Entries shall be submitted in a sealed cover in the manner prescribed below by registered post to the Registrar, Panjab University, Chandigarh, by name, not before the 14th but not later than the 30th September, each year. On the outer cover the candidate shall simply write "Dr. H.P. Dwivedi Essay Medal" and inside it there shall be two sealed envelopes : one marked 'Dr. H.P. Dwivedi Essay Entry' containing the candidate's essay with the candidate's pseudonym, but no indication such as his name, address, University Roll Number or the like; and the other marked 'Candidate's Identity' containing his name, Father's name, address, University Department/College, University Roll Number and the pseudonym adopted by him. In this cover he shall also enclose a certificate from the Head of the Department/College to the effect that the essay is the candidate's original work.
 5. The University shall appoint a Committee of 3 Judges to assess the essay in English, Hindi and Punjabi, whose judgement shall be final.
 6. Should the Judge consider it necessary, that may, at their discretion, ask the competitors to appear for a Viva Voce or Written test before giving their final award.
 7. As essay submitted for the contest shall become the property of the University and may be published by the University.
 8. No one shall be eligible for award of the essay medal more than once.

44. Dr. J.N. Kaushal Gold Medal for standing 1st in the LL.B. Examination as a whole passing at the first attempt and at one and the same sitting.
45. Punshi Narain Devi Vidyawati Charitable Trust Gold Medal to a student who obtains the highest marks in Industrial Pharmacy paper of B.Pharmacy examination.
46. 'Late Sh. Chander Parkash Gold Medal' to the topper of M.A. Economics of Panjab University who secure at least 60% marks (1st year and 2nd year combined).
47. Dr. Paras Diwan Memorial Medal to the topper of the LL.B. Course.
48. Dr. Prabha Chaudhary Memorial Gold Medal.
To be awarded to a student for standing first in the subject of obstetrics & Gynaecology in the final Professional MBBS Part II Examination.
49. Mrs. Gian Harkishan Singh Pharmacy Medal.
To be awarded to a girl student securing the top marks/grades, the aggregate of all the University examinations passed in first attempt during her studies leading to B.Pharmacy degree of the University.
50. Sarika and Surinder Mahant Gold Medal to the student receiving First class first in M.Lib. & Information Science (Two year integrated Course) examination conducted by the Panjab University.
51. Dr. Kirpal Singh Gold Medal to a student standing first in LL.M. every year.
52. Late Smt. Ram Prakash Gupta Memorial Gold Medal :
To be awarded who
 - (i) Has obtained at least first division in M.A. I & II as a whole.
 - (ii) Stood first in M.A. I as a whole.
 - (iii) Passed all the papers of both M.A. I & II in the first attempt.
53. Late Prof. Iqbal Nath Chaudhary Memorial Gold Medal
To be awarded annually at the University Convocation to a student standing first in M.A. (Political Science) Annual System.
54. Prof. R.C. Paul, Mem. Gold Medal
To be awarded to a first class first student of M.Sc. (H.S.) in Chemistry.
55. Prof. Dr. S.R.K. Chopra, Mem. Gold Medal
To be awarded to topper in B.Sc. (H.S.) final in Anthropology.
56. K.K. Nanda Gold Medal
To be awarded for Ph.D. Research in Plant Sciences.
57. Late Smt. Khajani Devi Gold Medal
To be given every year to the student who secure maximum marks in the subject of Anatomy in first Professional MBBS exam. in the first attempt.
58. Late Principal P. L. Anand Memorial Gold Medal
To be awarded to the student standing first in M.A. Pol. Science (Semester System).
59. Pt. Tejpal Singh Bandhu Gold Medal
To be awarded to the topper of M.A. (Music) Vocal Examination of Panjab University at Convocation every year.

1. SCHOOL OF SOCIAL SCIENCES

DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY

About the Department

The Department was established in 1961 and has had distinguished Indologists of international repute on its faculty from time to time. It possesses a rich collection of antiquities which are housed in its Museum for the study and research by the students and scholars as also for imparting practical training to young scholars in archaeological field.

Extensive archaeological field work including excavations/explorations have been taken up by the Department from time to time. Several sites like Sugh, Mitathal, Mahorana etc. have been excavated by the department in the past.

Special lectures in the memory of great Indologists Prof. Jagannath Agrawal & Prof. Lakshman Sarup are delivered by eminent scholars every year. The Department has hosted several seminars and conferences from time to time. The faculty of the Department has been actively engaged in research & publications. A large number of students are pursuing research for their doctoral degrees.

Faculty

Professor : Ashvini Agrawal

Assistant Professors : **Renu Thakur** Paru Bal Sidhu
(*Chairperson*)

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	46	2 years (Semester System)	As prescribed in Section 7.1 of Rules for Admissions.
Diploma in Heritage Tourism	30	1 year	Basic qualification : 10+2 or equivalent examination. Merit shall be determined on the following basis : 80% marks on merit and 20% marks for interview-cum-aptitude test. Out of 80% 60% shall be for 10+2 examination, 10% for graduation, 10% for post graduation.
M.Phil.	15	1 year-6 months	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

M.A.-I

Semester-I

Paper-I	:	History of India from Earliest times to 8th Century B.C.
Paper-II	:	Political History of India from 78 A.D. to 300 A.D.
Paper-III	:	Political History of India from 650 A.D. to 1207 A.D.
Paper-IV	:	South Indian History
Paper-V	:	History of Indian Religions from the earliest times up to 1200 A.D.

- Paper-VI : Indian Architecture
 Paper-VII : Sculpture
 Paper-VIII : Iconography
 Paper-IX : Historical Geography of Ancient India

Semester-II

- Paper-X : History of India from C. 8th century B.C. to 78 A.D.
 Paper-XI : Political History of India from C. 300 A.D. to 650 A.D.
 Paper-XII : Dynastic History of India from 650 A.D. to 1207 A.D.
 Paper-XIII : South Indian History.
 Paper-XIV : History of Indian Religions from the earliest times upto 1200 A.D.
 Paper-XV : Indian Architecture
 Paper-XVI : Sculpture and Painting
 Paper-XVII : Iconography

Semester-III

- Group-A Paper-I : (Archaeology) Prehistoric Archaeology
 Group-A Paper-II : (Archaeology) Archaeological Methods, Techniques and Early Historic Archaeology.
 Group-B Paper-I : (Epigraphy and Numismatic) Palaeography and Epigraphy
 Group-B Paper-II : (Epigraphy and Numismatic) Numismatics
 Group-C Paper-I : (Greater India) Central Asia and China
 Group-C Paper-II : (Greater India) Burma, Thailand and Indonesia
 Group-D Paper I : Social Life and Institutions in Ancient India
 Group-D Paper-II : Political Ideas and Institutions in Ancient India
 Group-E Paper-I : (History of Literature) Pali and Prakrit Literature
 Group-E Paper-II : (History of Literature) History of Sanskrit Literature
 Group-F Paper-I : (Ancient World) Afro-Asian Civilization
 Group-F Paper-II : (Ancient World) Greek Civilization

Semester-IV

- Group-A Paper-III : (Archaeology) Protohistoric Archaeology
 Group-A Paper-IV : (Archaeology) Techniques of Archaeological Excavation, Recording and Early Historic Archaeology.
 Group-B Paper-III : (Epigraphy and Numismatic) Palaeography and Epigraphy
 Group-B Paper-IV : (Epigraphy and Numismatic) Numismatics
 Group-C Paper-III : (Greater India) Central Asia and Tibet
 Group-C Paper-IV : (Greater India) Champa and Cambodia
 Group-D Paper-III : Economic Life and Institutions in Ancient India
 Group-D Paper-IV : Political Ideas and Institutions in Ancient India
 Group-E Paper-III : (History of Literature) Pali and Prakrit Literature

Group-E Paper-IV : (History of Literature) History of Sanskrit Literature

Group-F Paper-III : (Ancient World) Afro-Asian Civilizations

Group-F Paper-IV : (Ancient World) Roman Civilization.

Note: The students may offer any of the four listed papers in each semester of M.A. I and any of the two listed groups in each semester of M.A. II subject to availability to be notified by the Department at the beginning of each academic session.

Diploma in Heritage Tourism :

Paper-I : Historical Introduction

Paper-II : Cultural Traditions

Paper-III : Tourism Planning & Management

Departmental Cultural Association

The students of the Department have their Cultural Association with a subscription of Rs. 250 per annum. The Association arranges lectures, functions, short excursions, study tours and other co-curricular activities.

Thrust Areas

Main areas include History, Culture and Archaeology with special reference to Epigraphy, Numismatics, Art and Architecture. The study of Political, Social, Economic Institutions, the spread of Indian Civilization to Central Asia, China and Tibet is also undertaken.

UNIVERSITY INSTITUTE OF EMERGING AREAS IN SOCIAL SCIENCES

Rationale of the Institute

Panjab University from time to time has been responding to the changing societal needs by introducing new teaching and research programmes. The existing approach to teaching and research in social sciences is highly compartmentalized and is at times inadequate to comprehend the changing contours of socio-economic reality and hence there is need to adopt interdisciplinary approach both in teaching and research. Keeping this in view the Panjab University had set up Centre for Emerging Areas in Social Sciences in the year 2007-08. The Panjab University has elevated the Centre for Emerging Areas in Social Sciences to University Institute of Emerging Areas in Social Sciences from the year 2010. The Institute presently is running three independent Centres :

- (i) Centre for Social Work
- (ii) Centre for Police Administration
- (iii) Centre for Human Rights & Duties

Objectives of the Institute :

- (i) To integrate social sciences aiming to comprehend social reality in a more comprehensive manner.
- (ii) To make teaching and research in social sciences significant, relevant and useful, to the local, regional, national, and global communities.
- (iii) To offer job-oriented courses in the emerging areas.

- (iv) To meet the challenge of fresh societal needs and skill formation in the light of fast changing socio-economic environment.
- (v) To undertake training programmes in the emerging areas.
- (vi) To undertake consultancy work.

The unique features of the courses comprise the following :

- (a) Innovative
- (b) Inter-disciplinary
- (c) Blending of Theory and Practice
- (d) Job oriented

(i) CENTRE FOR SOCIAL WORK

Course Offered :

MASTERS IN SOCIAL WORK (MSW)

Faculty

Coordinator & Prof.	:	Kiranpreet Kaur	
Associate Professor	:	1 (Vacant)	
Assistant Professor	:	Gaurav Gaur	1 (Vacant)

About the Course

Social Work, catering to the socially marginalized, poor, deprived and the disadvantaged groups, is a professional course providing inputs towards partnerships between the State, Civil society and the non-governmental & private sectors, in an effort to bring all sections of society under the ambit of development. The “mission” is that our students shall be the job creators and not only the job seekers.

The Course has a heavy component of field work, with supervised field visits for atleast two days a week, thus providing an enormous exposure to students about the structure and functioning of governmental and non-governmental organizations and communities in rural and urban set ups.

JOB AVENUES

Students with Masters in Social Work

- Project Officers, Programme Coordinators, Development Consultants, Field-Officers, Counsellors in both International and National organizations, NGOs, Industries undertaking CSR etc.
- Consultants in Government/International Agencies.
- Lecturers, Instructors in Institutions of Higher Education.

- Social Workers in the areas of Family Welfare, Child, Youth & Women Development, Poverty, Slums and Urban Development and Community Health etc.

SEATS :

Total intake	=	34
Open	=	30
NRI	=	04

PATTERN OF EXAMINATION

The Course will spread over four Semesters. There will be examination after every semester.

MODEL OF EVALUATION

- Written Examination after every Semester.
- Internal Assessment based on one Written Test, one Snap Test, Term Paper and Attendance in each Semester.
- Fieldwork : Weekly reports, Summary reports, viva voce at the end of semester.

Eligibility Conditions

Admission to the Masters in Social Work Course is open w.e.f. session 2011-12 to the candidates having completed a Bachelor's degree of three years duration from the Panjab University or any other recognized University.

The eligibility criteria are as under :

- (i) Any person with a Bachelor's degree or its equivalent (10+2+3) in any discipline with minimum 50% marks from a recognized University is eligible to apply.
- (ii) The candidates who have appeared/are appearing in the final year of the Bachelor's degree are also eligible to apply.
- (iii) The candidates belonging to the SC/STs shall be allowed 5% relaxation in the eligibility requirements.

MODE OF ADMISSION

Admission will be through entrance test to be conducted at departmental level. Candidates satisfying the eligibility requirements will be assessed for selection through the following selection procedure.

ENTRANCE TEST : Entrance test will be held at the Department and will comprise of :

- (i) Written Test (60% weightage)
- (ii) Group Discussion (25% weightage)
- (iii) Interview (15% weightage)

Written Test

The written test will be of 100 marks reduced to 60 marks. It will comprise of 100 multiple choice questions of one mark each. The duration of the test is One Hour. There will be no negative marking. The medium of examination is English only. The test paper is designed to assess the aptitude of the candidate for Social Work.

There is no prescribed syllabus or format for the entrance test. The following are the broad areas to be included in the written test.

- Social awareness, analytical ability, and communication skills
- Awareness of micro & macro contemporary social issues

Note : All candidates are required to appear for a written test and secure a minimum of 50% marks to qualify for the Group Discussion and Personal Interview.

Group Discussion

The purpose of the Group discussion is to :

- judge their discussions skills
- assess their ability for contributing to and conceptualization of ideas
- evaluate their understanding of the issues

Personal Interview

The purpose of personal interview before the panel of experts is to :

- find out the confidence level of the candidate
- assess the skills and capabilities of the candidate required for doing social work

To qualify for admission the candidates are required to secure a minimum of 50% marks in the following :

- (a) Written Test**
- (b) Group discussion and Personal interview**

MAJOR AREAS OF SPECIALIZATION

- Family and Social Work
- Contemporary Issues in Rural and Urban Communities
- Population, Health and Development

SEMESTER WISE LISTING OF COURSES

Semester-I

Code No.	Course Title
CSW 111	Social Work- Concepts & Methods
CSW 112	Evolution & Contemporary Ideologies of Social Work
FSW 211	Research Methods in Social Work
FSW 212	Sociology for Social Work

- **Concurrent Field work/practicum**

Semester-II

CSW 123	Social Work Practice
CSW 124	Understanding Communities
FSW 223	Statistics in Social Work
FSW 224	Development and Social Work

- **Concurrent Field work/practicum**

Semester-III

SWP 331	Working with Families
SWP 332	Aging and Social Work
SWP 431	Community organization and Development
SWP 432	Indian Rural Communities & Change
SWP 531	Social Demography
SWP 532	Health and Development

- **Concurrent Field work/practicum**

Semester-IV

SWP 343	Child and Youth Development
SWP 344	Women, Society and Development
SWP 443	Community Participation in Urban Management
SWP 444	Poverty, Slums and Urban Development
SWP 543	Persons with Disability and Social Work
SWP 544	Community Health

- **Concurrent Field work/practicum**
- **Rural Camp (One Week)**
- **Internship (Four Weeks after 2nd Semester)**
- **Block Placement (Six Weeks after 4th Semester)**

(ii) **CENTRE FOR POLICE ADMINISTRATION**

Course Offered :

M.A. Programme (Police Administration)

Faculty

Coordinator & Prof.	:	Anil Monga		
Professor	:	1 (Vacant)		
Associate Professor	:	1 (Vacant)		
Assistant Professors	:	Dr. Akshat Mehta	Kuldeep Singh	1 (Vacant)

SEATS :

Total intake	=	50
Open	=	34
Reserved for in-service		
Police personnel	=	10*
NRI	=	06

*However, if the seats reserved for Nominated/in-service police personnel remain vacant due to one reason or the other, the same would be converted into general category as per rules.

ADMISSION INFORMATION

Eligibility :

Candidates seeking admission to M.A. in Police Administration shall possess :

- B.A. obtaining 45% marks in any of the Social Science disciplines.
- OR
- M.A. in any of the Social Science disciplines.
- OR
- Bachelor's degree in any discipline/faculty with at least 50% marks.

Nominated candidates should be a regular employee of Police Department/Paramilitary Forces etc. and possessing the qualifications as mentioned above.

Other eligibility conditions shall be as per P.U. Rules and Regulations.

Semester - I

Paper I – Police Administration

Paper II - Theory of Public Administration

Paper III – Organization Behaviour and Police Administration

Paper IV – Indian Political and Administrative Systems

Semester – II

Note :- The candidates have to select four out of the following options :

Paper I – Recent Advances in Police and Correctional Administration

Paper II – Police Psychology

Paper III - Sociology and Police Administration

Paper IV – Research Methodology

Paper V–Police Personnel Administration

Semester – III

Paper I – Law and Police Administration – I

Paper II – Criminology and Police Administration

Paper III – Forensic Science and Police Administration

Paper IV –Project Report

Semester – IV

Note : The candidates have to select four out of the following options :

Paper I – Law and Police Administration – II

Paper II – Forensic Medicine and Police Administration

Paper III – International Law and Police Administration

Paper IV – Police Procedures and Investigation Techniques

Paper V– Private Security Management

M.Phil. (Police Administration)

SEATS

(a)	General	=	6
(b)	Reserved for in-service Police Personnel	=	4
	Total	=	<u>10</u>

Note : If the seats reserved for in-service Police Personnel remain vacant due to one reason or the other, the same would be converted into General seats as per rules.

ELIGIBILITY

Candidates seeking admission to M.Phil. in Police Administration shall possess :

(i) Master's Degree in Police Administration with minimum 55% marks from the Panjab University.

OR

(ii) Master's Degree in Police administration with minimum 55% marks from any other University recognised by the Panjab University.

Nominated candidate should be a regular employee of Police Department/Paramilitary forces etc. and possessing the qualifications as mentioned above at (i) & (ii).

Admission

Admission to M.Phil. course in Police Administration will be on the basis of Entrance Test to be conducted by the Department.

Subjects Offered :

Semester-I

Paper I : Philosophical Foundations of Police Administration

Paper II : Emerging Dimensions of Police Administration in India

Paper III : Laws Related with Police Administration

Paper IV : Research Methodology in Police Administration

Semester-II

Paper I : Computer Applications and Police Administration

Paper II : Dissertation

Ph. D. Programme (Police Administration)

The Centre of Police administration provides instructions and research guidance for a doctoral degree.

Number of seats : 4 (Four)

Eligibility : Admission to Ph.D programme in Police Administration shall be in conformity with rules prescribed by UGC/Panjab University. The candidates are required to qualify the entrance test conducted by Panjab University. However those candidates who have cleared the UGC NET exam in the subject are exempted from the entrance test. After qualifying for admission the candidates shall have to complete the Pre-Ph.D course work in accordance with the UGC and P.U. prescribed rules. The duration of the course work shall be one semester.

Course Curriculum :

Paper 1 – Police Administration in India

Paper 2 – Research Methodology

Paper 3 – Criminology

(iii) CENTRE FOR HUMAN RIGHTS AND DUTIES

About the Centre

The Human Rights and Duties wing set up in 2007 has been transformed into an individual Centre during the third year of its inception. It introduces human rights education as an independent and integrated social science discipline. The Centre has been instituted with the intent to familiarize and sensitize more and more people in society towards human rights issues and to assign due importance to duties. As a part of that drive, it organizes seminars and outreach programs. The Centre played a key role in the International Conference on Human Rights organized by the University, in February 2010.

Offering masters' program in Human Rights and Duties to the graduates of any discipline of study, the Centre gives practical shape to the University idea of widening students' choice of study at the post graduate level. It facilitates students' internship with the Punjab State Human Rights Commission and the National Human Rights Commission. Some of the students interned with both the commissions and attended the Study Session at the International Institute of Human Rights, Strasbourg. The formal instructional mode is combined with field based experience at the grass roots level to explore violations, observance and enjoyment of human rights; critique conventional understanding of human rights and suggest effective ways to talk and write about human rights issues. The Centre carries forward the national agenda to generate deeper understanding of human rights issues. It helps build up alert, informed and responsible citizenry to take up career avenues at governmental, inter-governmental and non-governmental platforms in addition to the corporate world and developmental journalism.

Taking a leap forward, the Centre has introduced Ph.D in the subject from the academic session 2010–11.

Course Offered :

M.A. Programme (Human Rights & Duties)

Ph.D. Programme

Faculty

Coordinator	:	Swarnjit Kaur	
Professor	:	1 (Vacant)	
Associate Professor	:	1 (Vacant)	
Assistant Professor	:	Namita Gupta	Upneet Kaur Mangat

MA.

SEATS :

Total intake	=	34
Open	=	30
NRI	=	04

ELIGIBILITY:

Candidates seeking admission to M.A. in Human Rights & Duties shall possess :

- (i) Bachelors' degree obtaining 45% marks in any of the Social Science disciplines.
OR
- (ii) Masters' degree in any of the Social Science disciplines.
OR
- (iii) Bachelor's degree in any discipline/faculty with at least 50% marks.

Other eligibility conditions shall be as per P.U. Rules and Regulations.

Mode of Admission : Merit based on the marks of previous qualifying examination

System of Examination : Semester System (as per University rules and regulations)

COURSE CURRICULUM

Semester-I

Core Paper I – History and Philosophical Perspectives on Human Rights and Duties

Core Paper 2 – Human Rights and Duties in India

Core Paper 3 – Human Rights Issues in India

Core Paper 4 – Research Methods

Semester-II

Core Paper 5 – Development, Globalization and Human Rights

Core Paper 6 - Human Rights and Duties : Women and Children

Core Paper 7 - Environment : Human Rights and Duties

Core Paper 8 – Fieldwork Based Case Study Project

Semester-III

Core Paper 9 - Science and Technology, Human Rights and Duties

Core Paper 10 - Human Rights and Duties for the Aged and the Disabled

Core Paper 11/15 - Fieldwork Based Dissertation*

Core Paper 12 – The candidate has to opt for any **ONE** of the following optional papers :

Optional Paper I (a) – Working Class, Human Rights and Duties

Optional Paper I (b) - International Humanitarian and Refugee Laws

Optional Paper I (c) - Disadvantaged People and Human Rights and Duties

Semester-IV

Core Paper 13 – Civil Society, Social Movements and Human Rights and Duties in India

Core Paper 14 – Human Rights and Criminal Justice System

Core Paper 15/11 – Fieldwork Based Dissertation*

Core Paper 16 – The candidate has to opt for any **ONE** of the following optional papers:

Optional Paper II (a) - Minorities, Human Rights and Duties

Optional Paper II (b) - Rights of Displaced People and their Rehabilitation

Optional Paper II (c) - Peoples' Right to Self-Determination

*The student shall be required to write a dissertation on any aspect of a human rights and duties problem/situation. He/she shall visit the problem area(s) and study the situation, causes, and solutions, people's responses and his/her own experiences of human rights violations, if any. He/she shall study the relevant literature and write a report on the approved topic with the help of theoretical discussions on research methodology.

Field Work based dissertation will spread over Semesters III & IV and carry 200 marks. Out of 200 marks, dissertation will be of 160 marks and viva-voce examination will be of 40 marks. The viva-voce examination in the dissertation shall be held after the written examination of Semester IV and the students shall have to submit the dissertation by the end of month of March on the date specified by the department.

Ph.D.

The Centre having introduced Ph.D in Human Rights during academic session 2010-11 provides instructions and guidance for a doctoral degree research.

Number of seats : 1 (one)

Eligibility : Admission to Ph.D programme in Human Rights & Duties shall be in conformity with rules prescribed by UGC/Panjab University. The candidates are required to qualify the entrance test conducted by Panjab University. However those candidates who have cleared the UGC NET exam in the subject are exempted from the entrance test. After qualifying for admission the candidates shall have to complete the Pre-Ph.D course work in accordance with the UGC and P.U. prescribed rules.

Course Curriculum :

Paper 1 - Research Methodology

Paper 2 - Concepts, Approaches and Legal Foundations of Human Rights

Paper 3 - Human Rights & Duties : Indian Panorama

SCHOOL OF COMMUNICATION STUDIES

About the Department

The School of Communication Studies, earlier known as the Department of Mass Communication, is the oldest in South Asia, having started its innings in 1941 at the University of Punjab, Lahore. The School has an extremely strong alumni base with its former students occupying key positions in a number of media organizations, H.K. Dua, Editor-in-chief, The Tribune; Shekhar Gupta, Editor-in-chief, The Indian Express; Pankaj Paul, Managing Director, Hindustan Times; Kanwar Sandhu, Former Resident Editor, Hindustan Times; Shireen Sethi, Director, INX Media, are just some of them.

The syllabus covers all areas of Mass Communication - Print Journalism, Broadcast Journalism, Public Relations and Advertising. Internship is provided to each student in prestigious media organizations during their stay at the School. A number of practical training activities on a day to day basis are undertaken by the students in all the courses offered by the School and the evaluation hinges upon a continuous assessment of the students' performance throughout the year.

Three Post Graduate Diplomas in Hindi Journalism, Punjabi Journalism and Advertising and Public Relations and a Ph.D. programme are also part of the curriculum.

The proposal of the School for a Community Radio Station is currently under process with the I&B Ministry. That in itself will be the catalyst to start short term Diploma and Certificate courses in Radio Jockeying, TV Anchoring, Video Production, Script Writing etc.

Faculty

Professor : Sanjay Wadwalkar

Associate Professor : Jayanth N. Pethkar

Assistant Professors : Sumedha Singh

Archana R. Singh
(Chairperson)

Mohanmeet Khosla

Bhavneet Bhatti

Part Time Faculty : Professional from various organizations including Print, Electronic Media, Public Relations & Advertising.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A. (Journalism & Mass Communication)	51+5 NRI	2 years	Bachelor's degree obtaining atleast 45% marks in the subject of Journalism and Mass Communication or 50% marks in the aggregate. B.A./B.Sc. with Honours in Journalism & Mass Communication Master's degree examination in any other subject. Admission based on OCET Entrance Test
PG Diploma in Advertising & Public Relations	17	1 year	Bachelor's degree from this University or another recognized University Admission based on Entrance Test at Departmental Level.
PG Diploma in Hindi Journalism	17	1 year	Bachelor's degree from this University or another recognized University Admission based on Entrance Test at Departmental Level
PG Diploma in Punjabi Journalism	17	1 year	Bachelor's degree from this University or another recognized University Admission based on Entrance Test at Departmental Level
Ph.D. Programme	Subject to availability	3-years programme up to two years extension	Master's degree with (at least 55% marks for General Category and 50% marks for SC/ST category) Admission based on Entrance Test

Note : The diplomas will be started subject to a minimum of 10 seats being filled in each Diploma.

Course Objectives : PG Diploma in Advertising & Public Relations

The course will sensitize the students to advertising as a unique form of mass communication and marketing communication, impart knowledge to help them analyze advertisements and advertising campaigns in various media, train the students to write advertising copy for various media, impart knowledge of various methods used to conduct advertising research, train the students in advertising media planning, train them to produce advertising campaigns, and to get public service advertising campaigns produced, train them to assess the advertising potential of various media vehicles based in Chandigarh, give them knowledge to understand and produce socially responsible, ethical advertising.

The module on Public Relations will sensitize the students to public relation as unique field of mass communication, provide theoretical grounding comprising knowledge of various relevant theories, models and guidelines and concepts, impart skills for producing PR materials, train the students to device PR campaign, train the students to conduct research enhance the PR communication strategies, give them knowledge to understand and produce socially relevant and public service related institutional advertising.

Course Objectives : PG Diploma in Hindi Journalism and Punjabi Journalism

After successful completion of the program the pass out shall be able to: understand the origin and growth of the Press, especially the Hindi/Punjabi Press, understand principles, scope, processes and techniques of Journalism, develop skills in reporting, feature writing, script writing etc., understand media laws and ethics, develop skills in computer application, gain an insight into the profession through field visits and assignments

Thrust Area

Print Media, Broadcast Media, Advertising and Public Relations.

Expertise available

1. Training in communication skills for all sectors.
2. Consultancy in product/publication launches and revamps.
3. Documentary production for govt/private sector.
4. Refresher courses/skill-oriented workshops for journalists, public relation officers etc.
5. Media literacy programs for citizens
6. Undertake research projects for govt/private sector in any area of mass media or communication or in any area related to the same.

DEPARTMENT OF DEFENCE AND NATIONAL SECURITY STUDIES

About the Department

The Department was established in the year 2001. It offers Master's course in Defence & Strategic Studies including research degree programmes. The admission in Masters course is open to all the students from various streams but preference to the applicants who have studied Defence Studies/Military Science at graduation level. 5 seats are reserved for the serving defence personnel.

The Department offers M.Phil. course in Defence & Strategic Studies to the defence service officers posted at HQ Army Training Command, Shimla and its 29 training establishments incl. Western Command, Chandi Mandir. 5 seats are kept open for admission through entrance test conducted by the Department.

The Department is also running One-year Postgraduate Diploma Course and Three-months Executive Certificate Course in Disaster Management & Security and a One-year Postgraduate Diploma Course in Homeland Security only of its kind in the country.

The Department is also hold special lectures including Saminar & Conference to provide additional exposure to the students.

Faculty

Professor	:	Rakesh Datta (Chairperson)		
Assistant Professors	:	Jaskaran Singh	Shivananda H. (Temporary)	Shaverithakur (Temporary)
Guest Faculty	:	B.S. Ghuman	S.K. Sharma	Meena Dutta

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	34+5 for Serving Defence Personnel	2 years	As prescribed in Section 7.1 of Rules for Admissions
M.Phil.	20 for Defence Officers at Army Training Command, Shimla and its Establishments	1 year (2 Semesters)	Should be a commissioned officer of Indian Defence Forces so as to have the requisite experience in defence studies. Should have Master's Degree with 50% marks
	5 seats for officers from the armed forces outside ARTRAC		
	5 seats are open for Defence Studies Students		See General Important Guidelines at page iii.
One Year Postgraduate Diploma Course in Disaster Management & Security	34	One year Semester System	Graduation in any discipline with 50% marks
Executive Course in Disaster Management & Security (Twice a year)	20	3 months	All government, non-government agency executives, armed forces and para-military personnel including elected representatives and media persons holding graduation degree with two year work experience sponsored by their parent organization
One Year Postgraduate Diploma Course in Homeland Security	25 (15 Serving Personnel recommended by their respective Departments + 10 Open)	One year	(a) Bachelor's degree in any discipline of the Panjab University with at least 50% marks (b) An examination of another university recognized by the Syndicate as equivalent to (a) above.
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines

MA-I

SEMESTER-I

- D.S. 1 : National Security Conceptual Aspect
- D.S. 2 : Concept and Theories of International Relations
- D.S. 3 : Art of War
- D.S. 4 : Armed Forces and Society

SEMESTER-II

- D.S. 5 : Defence Aspects of International Relations
- D.S. 6 : Strategic Aspects of India's Security
- D.S. 7 : Modern Strategic Thought
- D.S. 8 : Research Methodology

MA-II

SEMESTER-III

- D.S. 9 : Regional Security and Cooperation in South Asia
- D.S. 10 : Defence Economics
- D.S. 11 : Area Study China
- D.S. 12 : Dissertation

SEMESTER-IV

- D.S. 13 : Science, Technology & National Security
- D.S. 14 : Indian Military History
- D.S. 15 : Major Conflicts in Post World War-II Era
- D.S. 16 : Area Study Pakistan

M.Phil.

Eligibility for Enrolment

1. An officer must fulfill the following conditions to be able to enroll for M.Phil. in Defence Studies.
 - (a) Should be of the rank of Major or above so as to have the requisite experience in defence management.
 - (b) Should have postgraduate degree in any discipline.
 - (c) Should have obtained a minimum of 50% marks at postgraduate level.
 - (d) Should be carrying out research related duties or involved in imparting instructions in military related subjects or Defence Studies to student officers. Research related assignment may include :-
 - (i) Officers formalizing concepts and doctrines
 - (ii) Officers involved in studies related to strategic issues
 - (iii) Officers posted to various faculties of studies dealing with formulation and conduct of defence studies.

- (iv) Officers involved in publication of defence studies literature used by various training institutions for imparting training for postgraduate and/or officer courses.
- (v) Officers posted on the strength and recommended by the Head of the Training Establishments.

Subjects offered :

Semester-I

- 1. Research Methodology
- 2. Strategic Thinking and Culture
- 3. Conflict and Cooperation in South Asia

Semester-II

- 1. Conflict Resolution and Peace Building
- 2. Indian Ocean and India's Security
- 3. Dissertation

P.G. Diploma in Disaster Management

Subjects Offered :

Semester-I

- 1. Disaster Management- Conceptual Framework
- 2. Risk Factor, Crisis Management and the Role of NGOs
- 3. Disaster Management Structure-Coordination and Response

Semester-II

- 1. Disaster Management- Relief and Rehabilitation
- 2. War and Disaster Management
- 3. Project Report and Viva Voce

Executive course in Disaster Management and Security

Subjects Offered :

- 1. Disaster Management
- 2. Project Report and Viva Voce

P.G. Diploma Course in Homeland Security

Subjects Offered :

Semester-I

- 1. Concept of Homeland Security
- 2. Political, Social, Economic & Geographical aspects of Homeland Security
- 3. Intelligence and internal security mechanism

Semester-II

- 4. State, terrorism and counter terrorism
- 5. Human rights, legal framework and psychological aspects of Homeland Security
- 6. Case Study/Project Report

The Department also has a Defence Studies Society which organizes various activities including educational trips/tours to defence establishments in the country.

DEPARTMENT OF ECONOMICS

About the Department

The Department was established in 1951. After the partition of the country, the teaching of Economics in this University was organized in Government College, Hoshiarpur under the guidance of Professor K.K. Dewett and Professor S.B. Rangnekar (since 1951). The department was relocated at Chandigarh in 1958 and continues to be a leading centre of teaching, research and learning of Economics.

The department has the honour of having produced many well known economists like Dr. Manmohan Singh (Prime Minister of India) and Dr. B.S. Minhas. The department also has the privilege of having had Dr. Manmohan Singh, Dr. Gautam Mathur (Former Director of the Institute of Manpower Planning, New Delhi, and Ex Vice-Chancellor of Osmania University), Dr. Karam Singh Gill (Former Advisor, Planning Commission and Ex Vice-Chancellor of Guru Nanak Dev University, Amritsar) and Dr. G. S. Bhalla, (Former Member Planning Commission and Ex Chairman of the Commission for Agricultural Costs and Prices) on its faculty. One of its alumni namely Professor G.K. Chadha a Former Member of Economic Advisory Council to the Prime Minister of India and Ex Vice-Chancellor of Jawaharlal Nehru University, New Delhi is the CEO, South Asian University, New Delhi.

Faculty

Professors	: M.R. Khurana	Upinder Sawhney	Gurmail Singh (Chairperson)
Associate Professors	: Naveen Sharma	Indu Verma	S.P. Padhi
Assistant Professors	: Poonam Bakhshi Harpreet Singh	Amrita Shergill	Smita Sharma

Failed/drop-out candidates of M.A. I (Economics) & M.A. II (Economics), irrespective of the arrangement availed of by them or teaching institution viz college, department etc. joined by them, are not admitted to the respective classes in the department. Those students who are not allowed to take the end semester examination due to shortage of lectures, will not be promoted/admitted to the next higher semester/class. This is applicable for M.A. as well as Five Year Integrated Programme in Economics.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.A. (Hons. School)* *Following by M.A. (Hons. School) Five Year Integrated Programme	29+4NRI	3 years (Six Semesters) 2 years (Four Semesters)	A person who has passed one of the following examinations will be eligible for admission to the first semester of the Five Year Integrated Programme in Economics : (i) +2 examination under the 10+2+3 system of education conducted by a recognised Board/University/Council/with at least 60 per cent (55 per cent in case of SC/ST candidates) marks. (ii) Any other examination, recognized by the Syndicate as equivalent to (i) above. (iii) There will be no entrance test. Admission will be purely on merit basis on the marks of the +2 examination.

			(iv) Medium of instructions will be English only.
			(v) The candidate must not be above 20 years of age as on 1st August of the year in which admission is sought to the First Semester (22 years in the case of SC/ST).
M.A.	115 +5 NRI	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

B.A. (Honours School) in Economics

Semester-I

BAHS Eco-101	Economic History of India : 1857-1947
BAHS Eco-102	Principles of Economics
BAHS Eco-103	Mathematics for Economic Analysis-I
BAHS Eco-104	Sociology-I
BAHS Eco-105	English-I

Semester-II

BAHS Eco-201	History of Economic Thought-I
BAHS Eco-202	Micro Economics-I
BAHS Eco-203	Mathematics for Economics Analysis-II
BAHS Eco-204	Sociology-II
BAHS Eco-205	English-II

Semester-III

BAHS Eco-301	History of Economic Thought-II
BAHS Eco-302	Micro Economics-II
BAHS Eco-303	Development Economics-I
BAHS Eco-304	Economics of Agriculture
BAHS Eco-305	Statistics for Economic Analysis

Semester-IV

BAHS Eco-401	Macro Economics-I
BAHS Eco-402	Development Economics-II
BAHS Eco-403	Economics of Industry
BAHS Eco-404	Econometrics
BAHS Eco-405	Economics of Population

Semester-V

BAHS Eco-501	Contemporary Issues in Indian Economy : I
BAHS Eco-502	Macro Economics-II
BAHS Eco-503	Economics of Public Finance
BAHS Eco-504	International Economics
BAHS Eco-505	Optimization Techniques and Game Theory

Semester-VI

BAHS Eco-601	Contemporary Issues in Indian Economy-II
BAHS Eco-602	Human Resource Development
BAHS Eco-603	Basics of Financial Markets
BAHS Eco-604	Environmental Economics
BAHS Eco-605	Economic Journalism

M.A. H.S. Semester-I

MAHS Eco-101	Advanced Economic Theory-I
MAHS Eco-102	Econometric Applications-I
MAHS Eco-103	Operations Research
MAHS Eco-104	Contemporary Issues in Public Policy

M.A.H.S. Semester-II

MAHS Eco-201	Advanced Economic Theory-II
MAHS Eco-202	Econometric Applications-II
MAHS Eco-203	Law and Economics
MAHS Eco-204	World Trading System : Theory and Practice

M.A.H.S. Semester-III

In all, four courses would be offered (Two from each area of specialization in a combination) in each of the following Majoring Areas :

MAHS Eco-301 (a)	Agriculture and Rural Development	MAHS Eco-301 (b)	Agriculture and Rural Development
MAHS Eco-302 (a)	Banking and Insurance	MAHS Eco-302 (b)	Banking and Insurance
MAHS Eco-303 (a)	Industry and Trade	MAHS Eco-303 (b)	Industry and Trade
MAHS Eco-304 (a)	Money and Finance	MAHS Eco-304 (b)	Money and Finance

The student would have the choice of opting for any one of the above combinations. The same would be treated as Majoring Area (Field of Specialization) and would be shown in the M.A. Honours School in Economics degree as mentioned earlier.

M.A. Semester System

Semester-I

All compulsory papers

MA Eco-101	Micro Economics-I
MA Eco-102	Contemporary Issues in Indian Economy-I
MA Eco-103	Quantitative Methods
MA Eco-104	History of Economic Thought

Semester-II

All compulsory papers :

MA Eco-201	Micro Economics-II
MA Eco-202	Contemporary Issues in Indian Economy-II
MA Eco-203	International Economics
MA Eco-204	Economics of Public Finance

Semeser-III

There will be two Compulsory Papers :

MA Eco-301	Macro Economics-I
MA Eco-302	Economics of Growth & Development-I

Any **two** of the following options for Papers MA Eco-303 & 304 :

- (i) Economics of Agriculture-I
- (ii) Economics of Industry-I
- (iii) Basic Econometrics
- (iv) Economics of Population

OR

Economics of Human Resource Development

Semester-IV

There will be two Compulsory Papers

MA Eco-401	Macro Economics-II
MA Eco-402	Economics of Growth, & Development-II

Any **two** of the following options for Papers MA Eco-403 & 404 :

Note : Students who opt for Economics of Agriculture-I and/or Economics of Industry-I in Semester-III will have to opt for Economics of Agriculture-II and/or Economics of Industry-II in Semester-IV.

- (i) Economics of Agriculture-II
- (ii) Economics of Industry-II
- (iii) Mathematical Economics
- (iv) Economics of Money & Banking

OR

Economics of Financial Markets & Institutions

- (v) Advanced Econometrics

Ph.D.

The department provides the supervisory facility to the eligible candidates for research leading to Ph.D. degree in the under mentioned areas :

Economics of Agriculture, Economics of Industry, Economics of International Trade, Economics of Public Finance, Money & Banking and Development Studies.

Over and above the allocations of UGC Junior Research Fellowships to the Department, those not having fellowships or employed are allowed to pursue research as per University norms.

Thrust Areas

Agricultural Economics, Industrial Economics, International Economics, Development Economics and Money and Banking.

DEPARTMENT OF EVENING STUDIES

About the Department

The Department of Evening Studies, which started as the Panjab University Evening College in 1961, provides a unique opportunity for learning through interactive teaching through to the in-service young men and women, who, due to various compelling reasons, have to cut short their academic career and start earning. It is socially useful institution to enable them to enhance their career prospects.

Faculty

Professors	: Indu Tiwari (<i>Chairperson</i>) Sudhir Kumar Gurpal Singh	V.K. Mahajan (<i>Re-employed</i>) Keshav Malhotra Harsukhjot Kaur	Vijay K. Chopra N.K. Sehgal
Associate Professors	: Vijay Kataria Archana Vandana Maini Rehana Parveen I. D. Gaur Gurpreet Kaur	Manoj K. Sharma Bhupinder Kaur Mahesh Sharma Mohammed Khalid Suman Makkar Chander Mohan	S.S. Gill Neeraj Jain Gauri Sharma Neeraj Sharma G.C. Chauhan
Assistant Professors	: Keerti Vardhan	Amandeep	
Re-employed Teachers	: Usha Rani	Nirmal Singh	M.S. Bajwa

Courses Offered

(A) Under-graduate

- (i) B.A. (Three Year Degree Course)
- (ii) B.Com. (Three Year Degree Course)

(B) Post-graduate

M.A. 2 Year (4 Semester) Degree Course in the following subjects :-

- (i) English
- (ii) Economics
- (iii) Political Science
- (iv) History
- (v) Punjabi

Department Hours

As per Syndicate decision dated 22.2.2006 (Para 34) “ The following time- schedule be observed for classes in the Department of Evening Studies, with adjustments as considered necessary by the Vice-Chancellor from time to time :-

- (i) For B.A./M.A Classes between 4.00 p.m to 9.00 p.m.
- (ii) For B.Com Classes between 3.00 p.m to 9.00 p.m

Seats Available

B.A. Part I	342	B.Com I	90
B.A. Part II	342	B.Com II	90
B.A. Part III	300	B.Com III	70
M.A. Part I (Eng.)	91	M.A. Part II (Eng.)	91
M.A. Part I (Eco.)	68	M.A. Part II (Eco.)	68
M.A. Part I (Pol. Sci.)	91	M.A. Part II (Pol. Sci.)	91
M.A. Part I (Hist.)	68	M.A. Part II (Hist.)	68
M.A. Part I (Punjabi)	68	M.A. Part II (Punjabi)	68

Courses of Study

Admission shall be open to the following classes :-

- (I) B.A. (Three Year Degree Course) Part I, II, III
B.A. Part I (Under 10+2+3 Scheme)

Conditions for Eligibility

A person who has passed one of the following examination shall be eligible to join the first year class of the B.A. (General) Degree Course :-

- (i) B.A./B.Sc./B.Com Part I (old scheme)/Pre-Medical/Pre-Engg./Intermediate/Arts/Science/Agriculture examination of Panjab University;
- (ii) The +2 examination of a recognized University/Board/Council, provided he/she has secured 33% marks;
- (iii) Any other examination recognized by the University as equivalent to (i) and (ii) above;
- (iv) The Syndicate vide Para 41 of its meeting held on 26.7.2003 has decided that if the Candidates Placed under Compartment in +2 , cleared their Compartment examination by appearing in the Supplementary Examination of the board before the last date of admission for any course (The Courses M.B.B.S., B.A.M.S., BHMS, B.E., B.Arch. B.B.A. & B.C.A. are not covered in the forgoing decision) they should be considered for admission to the next higher class provided they were Eligible.

Candidates placed in Compartment in one subject only at the +2 examination by a recognized Board/Body/Council/University in India, will be allowed to take admission to the 1st year of B.A. class subject to the following;

In case the candidate is seeking admission to the B.A. First Year Class, he/she should have obtained at least 33% marks in the aggregate of all the subject (including at least 20% in the subject of Compartment , Theory and Practical/s taken together) taken up by him/her at the +2 examination.

- (v) All Candidates seeking admission in the Dept. are required to submit their application forms duly filled in, attested and supported by photocopy of all relevant documents. Incomplete Application Forms will not be accepted in any case. Further, they have to submit the original documents at the time of Interview.
- (vi) In addition to conditions laid down at Point (v) above, candidates from other Boards/ Universities are required to submit an Eligibility Certificate from the Registration Branch of the Panjab University, Chandigarh, along with the application Form.

DETAIL OF OPEN AND RESERVED CANDIDATES FOR ADMISSION
TO VARIOUS CLASSES DURING SESSION 2011-2012

Class	Seats	Open	S.C.	S.T.	BC	PH	Sports	Son/ Daughter/ wife of Military Personnel	Terrorists Victims	Children/ Grand Children of Freedom Fighters
		55.5%	15%	7.5%	5%	3%	5%	5%	2%	2%
B.A.I	342	190	51	26	17	10	17	17	7	7
B.Com.I	90	50	13.5	6	4.5	3	4.5	4.5	2	2
M.A. I (English)	91	51	14	6	5	3	5	5	2	2
M.A.I (History)	68	40	10	5	3	2	3	3	1	1
M.A. I (Political Sc.)	91	51	14	6	5	3	5	5	2	2
M.A. I (Economics)	68	40	10	5	3	2	3	3	1	1
M.A. I (Punjabi)	68	40	10	5	3	2	3	3	1	1

Important Note :

A student of B.A. Part II and III shall offer the same subjects as had been offered by him/her in B.A. I in this Department.

B.A. PART II (Under 10+2+3 Scheme)

A person who has passed one of the following examinations shall be eligible to join the Second Year Class of B.A. (General) Course :-

- (i) B.A. First Year (General) examination of the Panjab University under 10+2+3 scheme.

- (ii) B.A. First Year examination under 10+2+3 scheme from any other university in India recognized by the Panjab University as equivalent to its B.A. Part I examination, subject, however, to the condition that the subjects he/she has studied in B.A. Part I are the same as offered by this University. In case of any deficiency he/she shall have to pass the deficient subject in the following September and April Examinations. The total number of credits shall, however, remain the same. If such a student fails to pass the deficient subject in the following September and April examinations, his/her result for B.A Part II examination shall stand cancelled.

Note : The marks obtained in B.A. First Year Examination shall be counted towards his/her division, by increasing or Decreasing the maximum marks in accordance with the maximum marks prescribed by the Panjab University.

B.A. PART III (Under 10+2+3 Scheme)

A person who has passed one of the following examinations shall be eligible to join the Third Year Class of B.A (General) course :-

- (i) B.A. Second Year (General) examination of the Panjab University under 10+2+3 scheme.
- (ii) B.A. Second Year examination under 10+2+3 scheme from any other university in India recognized by the Panjab University as equivalent to its B.A. Part II examination, subject, however, to the condition that the subjects he/she has studied in B.A. Part I and B.A. Part II were the same as offered by this University. In case of any deficiency he/she shall have to clear the deficient subject in the following September and April Examinations. The total number of credits shall, however, remain the same. If such a student fails to pass the deficient subject in the following September and April Examinations, his/her result for B.A Part III examination shall stand cancelled.

Note : The marks obtained in the B.A. First and Second Year Examinations shall be counted towards his/her division by increasing or decreasing the maximum marks in accordance with the maximum marks prescribed by the Panjab University.

COMBINATION OF SUBJECTS

Compulsory Subjects (For B.A. I)

1. Panjabi
OR
History & Culture of Punjab*
2. English
3. Environmental Education
4. Any one subject from each group i.e. Group A, B & C (200 × 3)

Group A	Group B	Group C
Political Science	Sociology	Economics
Public Administration	Sanskrit	English Elective
Police Administration**	History	Urdu Elective
	Mathematics	Panjabi Elective
		Hindi Elective

The Syndicate at its meeting held on 22.2.2006 (Para 34) decided that the combination of subjects/options offered by the department of Evening Studies may be reviewed on year to year basis after getting the approvals of the Dean of University Instruction and the Vice-Chancellor.

-
- * (i) The following categories of students shall also be entitled to take the option of History & Culture of Punjab in lieu of Punjabi as Compulsory subject :
- (a) Students who are not domiciled in Punjab and have not studied Punjabi up to 10th Class.
- (b) Ward of /and Defence Personnel and Central Government employees/employees who are Transferable on all India basis.
- (ii) Optional papers in B.A./B.Com. shall not be offered if a minimum number of 10 students do not opt for the same.
- (iii) Student can offer one subject for which teaching is not available in the Dept. They will prepare that subject on their own. In case of practicals, a Certificate will be needed for attending required number of practicals as per University Rules.

** Subject to approval by the D.U.I./V.C. Subject introduced as per decision of the Syndicate at its meeting held on 28.6.2008 vide para 57.

*****Note** : Changes made in rules/syllabi, courses/options in B.A./B.Com. and M.A. Part I shall be operative from the session 2011-2012. To the existing students of B.A./B.Com II and III and M.A. Part II, the syllabi/courses/option shall continue to be same as were in force in session 2010-2011.

***Subject to change in case semester system is introduced.

(II) B.Com. Part I, II & III
SCHEME OF EXAMINATION
OUTLINES OF TESTS

1. The admission to B.Com. Course for the Session 2011-2012 shall be made according to the following provisions approved by the Academic Council on 5.7.2000.

2. The B.Com. (General) Programme of study shall consist of 29 credits. One credit shall carry 50 marks.

3.1 (A) Admission to the first year of B.Com. (General) degree course shall be open to a person who has passed one of the following examinations conducted by a recognized Board/Council/University :

- (a) +2 examination or B.Com. Part I (Old Scheme) of Panjab University with three of the following subjects securing at least 40 per cent marks in aggregate.
- Commerce (or theory of Commerce, or foundation course in Commerce)
 Accountancy (or Book Keeping and Accountancy)
 Economics
 Mathematics (or Statistics)
 Business Organisation (or Business Management or Theory and Practical of Mgt.)
 Insurance (or General Insurance or Life Insurance)
 Banking and Trade
 Commercial Geography
 Office Management and Secretarial Practice (or Office Organisation and Management)
 Mercantile Law (or Company Law)
 Auditing
 Typewriting and Stenography/Computers (for typewriting).
- (b) +2 examination or B.A. Part I (Old Scheme) of Panjab University with at least two of the subjects mentioned in (a) securing at least 45% marks in aggregate.
- (c) +2 examination or B.A. Part I/ B.Sc. Part I/Pre-Engineering/Pre-Medical Examination of the Panjab University under the Old Scheme not covered in (b) securing at least 50% marks.
- (d) Any other examination recognized by the University as equivalent to (a) or (b) or (c) as given above with requisite percentage of marks given under each clause.

Provided that a candidate seeking admission to the first year of B.Com. should have passed in the subject of English at the +2 examination and in cases where passing in English is not necessary according to the regulations of certain Boards/Bodies/Councils/Universities in India, the admission of the candidate shall be provisional and will be confirmed only after he has cleared the subject of English as a deficient subject from the parent Board/Body/Council/University in two consecutive chances subsequent to his admission.

Provided further that -

- (a) a compartment candidate at the +2 examination shall be eligible to offer in the B.Com. First Year Class the subject in which he has been placed under compartment, subject to the provision under regulation 3 above.
- (b) a candidate who has not passed English as one of the subjects at the +2 examination shall be allowed to offer in the B.Com. First Year class English (as Communication Skills) but he will have to pass English as a deficient subject, subject to the provision under regulation 3 above.
- (c) in case a candidate does not clear the relevant subject in any of the two consecutive chances offered to him subsequent to the date of his admission, his provisional admission to the First Year of B.Com. Examination shall stand cancelled.

(B) Subject to the reservations made by the University, the admission shall be on merit. The merit for this purpose shall be determined on the basis of the score of a candidate to be computed as follows :-

- (i) Percentage of marks in the qualifying examination.
- (ii) Add score of 4 for each of the subjects passed from the subjects referred to in 3.1 (A) (a) not exceeding 16 in total.

(C) B.A./B.Sc. Part II of Panjab University.

(D) Any other examination recognized by the University as equivalent to (A) or (B) with the requisite Group/Subject/s and percentage of marks or (C) above.

Provided that a candidate seeking admission to the first year of B.Com. should have passed in the subject of English at the +2 examination and in case where passing in that subject is not necessary according to the regulation of certain Board/Body/Council/Universities in India, the admission of the candidate shall be provisional and will be confirmed only after he has cleared the subject of English as a deficient subject from the parent Board/Body/Council/University in two consecutive chances subsequent to his admission.

(E) Provided further that :-

(a) A candidate who has been placed under compartment in the +2 examination conducted by a Board/Bodies/Councils/University in India shall be eligible to seek admission to the First Year of B.Com. Course, provided he fulfils the following conditions :

(i) He should have been placed in compartment in one subject only.

(ii) He should have obtained at least 20% marks in the subject in which he had been placed in compartment, and

(iii) He should have obtained the requisite percentage of marks in the aggregate of the examination as laid down in the relevant regulations.

(b) A candidate who has not passed English as one of the subjects at the 10+2 examination shall be allowed to offer in the B.Com. First year class English (as communication skill) but he will have to clear English as a deficient subject, subject to the provision under Regulation 3 above.

(c) In case a candidate does not clear the relevant subject at any of the two consecutive chances afforded to him subsequent to the date of his admission, his provisional admission to First Year of B.Com. examination shall stand cancelled.

3.2. A person who has passed one of the following examinations shall be eligible to join the Second/Third Year class of the Bachelor of Commerce (General and Honours) course as the case may be :-

(a) Bachelor of Commerce (General and Honours) First/Second Year Examination of the University under 10+2+3 system.

(b) Bachelor of Commerce first year or Second Year examination under 10+2+3 system of education from any University the B.Com. Examination of which is recognized as equivalent to B.Com. Examination of this University, if the subjects/courses offered were the same as prescribed by this University. In case there is some deficiency in the subjects/courses, he/she shall have to pass the deficient subject/courses, if any, at the next two consecutive examinations. If he/she fail to pass the deficient subject/courses, his/her result of B.Com. Second Year or B.Com. Third Year, as the case may be, shall stand cancelled.

Provided that the marks obtained by the students in B.Com. First Year or Second Year Examination as the case may be, shall be counted towards his/her division and the marks obtained in the examination concerned shall be normalized by increasing or decreasing the maximum marks in accordance with the maximum marks prescribed by the Panjab University.

3.2 A person who passed one of the following examination shall be eligible to join the Second/ Third Year class of the Bachelor of Commerce (General and Honours) course as the case may be :-

- (a) Bachelor of Commerce (General and Honours) First/Second Year examination of the University.
- (b) Bachelor of Commerce First or Second Year examination under 10+2+3 system of education of the Kurukshetra University or Punjabi University (Patiala) or Guru Nanak Dev University (Amritsar) or Himachal Pradesh University (Shimla) or Maharishi Dayanand University (Rohtak) if the subjects/courses offered were the same as prescribed by the University. In case there is some deficiency in the subjects/courses, he shall have to clear the deficient subjects/courses, if any, at the next two consecutive examinations. If he/she fail to pass the deficient subject/courses, his/her result of B.Com. Second Year or B.Com. Third Year, as the case may be, shall stand cancelled.

Provided that the marks obtained by the students in B.Com. First Year or Second Year Examination as the case may be, shall be counted towards his/her division and the marks obtained in the examination concerned normalized by increasing or decreasing the maximum marks in accordance with the maximum marks prescribed by the Panjab University.

B.Com. First Year Subjects

Sr. No.	Subjects
1.	English (Communication Skills)
2.	Punjabi/HCP*
3.	Commercial and Labour Law
4.	Financial Accounting
5.	Business Organization and Mgt.
6.	Business Maths & Stats.
7.	Environmental Education

*** Note** : The following categories of students shall also be entitled to take the option of History & Culture of Punjab in lieu of Punjabi as Compulsory subject :

- (a) Students who are not domiciled in Punjab and have not studied Punjabi up to 10th Class.
- (b) Ward of/and Defence Personnel and Central Government employees/employees who are Transferable on all India basis.
- (c) Foreigners.

B.Com. Second Year Subjects

Sr. No.	Subjects
1.	Company Law & Auditing
2.	Corporate Accounting
3.	Cost Accounting
4.	Business Economics
5.	Banking and Insurance
6.	Indirect Tax Laws

B.Com. Third Year Subjects

Sr. No.	Subjects
1.	Functional Management
2.	Management Accounting & Bus. Fin.
3.	Direct Tax Laws
4.	Indian Economy
5.	Entrepreneurship & Small Business
6.	Organizational Behaviour
7.	Viva- Voce

Instructions for Practicals

1. Each unit shall be divided into five Practical groups.
2. Each student will required to study five period of text and one period of practical in a week in each subject. However, in case of Punjabi/HCP, each student will require to study three periods of text only.

Practical Examination (10 marks)

Evaluation on the basis of practical work will be strictly in accordance with syllabus prescribed. There will a term paper on the basis of practical/training work. The teacher shall take this term paper and the teacher concerned shall keep record of the term paper for a period of one year.

Important Notes :

1. Students are advised to check any changes in the courses and syllabi of B.A./B.Com. at the time of admission.
2. (i) For B.A./B.Com. Courses, the Dept. will conduct two mandatory tests in theory paper one in the month of September/October and the other in December/January or any other month as decided by the DUI/Vice-Chancellor every year.

(ii) For the first test, there will be only the paper of one hour's duration in each subject and for the second Test there will be only one paper of three hours' duration in each subject comprising different parts, if so required.

There will be a Special Test only for those students who could not fulfill the conditions of eligibility. It will not be held to provide opportunity to all students to improve their earlier score.

Whereas the September House Test will carry weightage of 30% and December House Test will have weightage of 50% in each subject/paper. Weightage of 2 marks for attendance components out of 10 marks for continuous assessment shall be available only to those students who attended 75% and more of class room lectures. The break up of marks of attendance for theory papers shall be as under :

Attendance	Marks for theory papers
Above 75% and up to 85%	One
Above 85%	Two

The beneficiary of condonation will not be given the benefit of marks awarded on account of attendance.

The total weightage for both the tests and attendance taken together shall be 10% of total marks in each theory subject/paper. The weightage of 10 percent marks shall be added to each paper of B.A./B.Sc./B.Com./ B.C.A. I, II, and III year which will, henceforth, carry weightage of maximum marks allotted to each paper. A candidate will have to pass in Theory and Practical/s separately.

(III) Courses of Study for M.A. Classes

The details of papers and the options allowed in M.A. Semester I and M.A. Semester II

ENGLISH

SEMESTER-I

Paper –I	:	Literary Criticism I
Paper –II	:	British Poetry
Paper –III	:	British Drama I
Paper –IV	:	British Fiction

SEMESTER-II

Paper –I	:	Literary Criticism II
Paper –II	:	British Poetry II
Paper – III	:	British Drama II
Paper – IV	:	British Fiction II

ECONOMICS

SEMESTER - I

Paper – I	:	Micro Economics –I
Paper – II	:	Contemporary Issues in Indian Economy – I
Paper –III	:	Quantitative Methods
Paper – IV	:	History of Economy Thought

SEMESTER-II

Paper – I	:	Micro Economics – II
Paper – II	:	Contemporary Issues in Indian Economy – II
Paper – III	:	International Economics
Paper – IV	:	Economics of Public Finance

POLITICAL SCIENCE

SEMESTER-I

Paper – I	:	Western Political Thought – I
Paper – II	:	Key Concepts in Political Analysis
Paper – III	:	Indian Political System
Paper – IV	:	International Relation : An Historical Overview

SEMESTER-II

Paper –I	:	Western Political Thought – II
Paper – II	:	Comparative Politics-I : Understanding Advanced Industrial Societies
Paper – III	:	Indian Politics
Paper – IV	:	Approaches to the study of International Relation

HISTORY

SEMESTER - I

Paper – I	:	Ancient India: An Overview
Paper – II	:	Medieval India: Political Processes
Paper- III	:	Modern India: Political Processes
Paper- IV	:	The Punjab (Mid- Fifteenth to Seventeenth Centuries)

SEMESTER-II

Paper –I	:	Agrarian Economy of Ancient India
Paper- II	:	Punjab in the Eighteenth Century
Paper- III	:	USA (1820-1973)
Paper-IV	:	China & Japan (1840-1950)

PUNJABI

SEMESTER-I

Paper-I	:	Punjabi Sahit da Ithas
Paper-II	:	Sahit Sidhant te Punjabi Alochna
Paper-III	:	Punjabi Gurmat Kav
Paper-IV	:	Punjabi Novel

SEMESTER-II

Paper-I	:	Aadunik Punjabi Sahit da Ithas
Paper-II	:	Aadunik Pachmi Kav Sastra te Vivharik Alochna
Paper-III	:	Punjabi Sufi Ate Kissa Kav
Paper-IV	:	Parvasi Ate Pakistani Kahani (Option IInd)

Special Note :

In case less than 10 candidates opt for a particular optional subject, that optional shall not be allowed.

INTERNAL ASSESSMENT (20%) FOR REGULAR STUDENTS OF POST-GRADUATE COURSES.
(Semester System)

For details, please refer to syllabus.

RULES FOR ADMISSION/ELIGIBILITY

Important : Candidates desirous of applying for admission to University Teaching Department for the session 2011-2012 can download admission form from P.U. Website www.puchd.ac.in free of cost. However, those finally admitted will be charged cost of admission form along with admission fee.

Extracts from the decision of the Syndicate dated 22.2.2006 (Para 34), are reproduced below :-

The criterion of 'employment' as a condition of eligibility for admission to the Department of Evening Studies be understood, interpreted and applied liberally and pragmatically, keeping in mind the social purpose of providing opportunity especially to the underprivileged to upgrade their skills. Accordingly, 'employment' would include not only 'private employment of any kind' but self employment as well. The candidate's own certificated that he is so employed or self –employed would, therefore, suffice.

Note : No 'Failed' candidate shall be admitted. (The students whose admission forms were duly sent by the Department to the Controller of Examinations for appearing in the examination, but did not appear, or dropped the paper, will also be considered 'failed' students under University Rules).

Eligibility for Admission :-

The eligibility conditions for admission to M.A. Part I are given in the general section of this Handbook. Students are, however, advised to consult the 'University Calendar' for relevant regulation or detailed 'Syllabus, Courses and Regulation' for the class/subject concerned.

The following are not eligible for admission to M.A. courses in the Faculties of Arts and Languages :

- (a) If a student fails to pass M.A. Part/Semester-I or fails to appear in the examination even though he/she had requisite attendance, he/she be not allowed to seek re-admission in the Department for M.A. Part/Semester –I in the same subject. Such a student can appear in the same examination as a private candidate as prescribed under the University regulation;
- (b) If a student fail to meet the prescribed attendance requirement, and is, therefore, debarred from sitting in the examination, or does not on his /her own volition seek permission to sit in the examination he/she should be deemed to have failed in the examination. Such a student be not allowed to seek re-admission in the same Department;
- (c) If a student fail to earn promotion to the M.A. Part II or to the next Semester of M.A for any of the reasons specified in Paras (a) and (b) above for two successive years, in the same or two different Departments, he/she should be debarred from seeking admission in any Department in the Faculties of Arts and Languages for the next two years.
- (d) In order to ensure the implementation of the above conditions, the columns given in the Admission form, seeking information from the applicant on the courses attended by him/her in the preceding three years must be filled by him/her.

If he/she leaves these columns blank, the admission form will be rendered invalid and if he/she makes mis-statement or conceals relevant facts, his/her admission will be cancelled even if made.

TUTORIALS AND SEMINARS

(i) Though specific tutorials for Under-graduate as well as Post – Graduate classes, the literature authored by Shakespeare and other eminent writers of English are shown through audio-visual either in the class room or collectively.

(ii) Special Seminars are held on the important topics mentioned in the syllabi and form an integral part of the curriculum.

(iii) Special extension lectures are delivered by eminent scholars.

Ph.D/Research Facilities

The Department faculty provides supervisory facility/research guidance to the eligible candidates for research leading to Ph.D. Degree.

DEPARTMENT OF GANDHIAN STUDIES

About the Department

The Department was established in 1965, initially located in the artistically designed **Gandhi Bhawan** offering **Certificate Course in Gandhian Philosophy**, which was upgraded to P.G Diploma in 1972. At present the teaching work is carried out on the premises of the Department of Gandhian Studies. The library of the department is housed in the Gandhi Bhawan, so are the research scholars' work tables. The seminars & special lectures are held in the seminar room & auditorium of the Bhawan. The Department started M.Phil. Programme in 1978 and M.A. in Gandhian and Peace Studies in 1984-1985. The Major activity of the department beside teaching, is to encourage research on various aspects of Mahatma Gandhi's Life Philosophy & Work and other inter-disciplinary subjects.

Faculty

Professors :	Manohar Lal Sharma (Chairperson)	Jai Narain Sharma
Assistant Professors :	Manish Sharma	Ashu Pasricha
Guest Faculty	4	
Senior Research Fellows : U.G.C.	1	
Junior Research Fellows : U.G.C.	4	
Rajiv Gandhi National Fellowship	1	

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	29	2 years	For Gandhian and Peace Studies a person who has passed : (1) B.A./B.Com. obtaining 45% marks in any of the following subject : (a) Gandhian Studies (b) History (c) Political Science (d) Economics (e) Philosophy (f) Psychology (g) Public Administration (h) Geography (i) Sociology. OR (2) Diploma or Postgraduate Diploma in Gandhian Studies or M.A. Examination in any of the above subjects or B.A./B.Sc. (Non-Med.)/B.Com. in 2nd class. (3) An Aptitude Test of 40 marks to be conducted by the Department.

Note : For eligibility (Please see also Regulation 3.1 given at page 79 of P.U. Cal. Vol. II, 2007 sub clause (viii).

M.Phil.	10	2 Semesters	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3 years	U.G.C. NET/University Entrance Test

M.A.-1st Semester

Paper-I : Life and the Making of Gandhi, **Paper II** : Political Thought of Mahatma Gandhi, **Paper III** : Peace Studies, **Paper IV : (Opt.)** (i) International Relations and Organisations, (ii) Social Work, (iii) Mahatma Gandhi and his Contemporaries.

M.A.-2nd Semester

Paper-V : Gandhi and Freedom Movement, **Paper-VI** : Economic Thought of Mahatma Gandhi, **Paper-VII** : Conflict Resolution with Special Reference to India, **Paper-VIII : (Opt.)** (i) Foreign Policy of India, (ii) Social Reforms in India, (iii) Legacy of Peace Building Gandhi, King, Ikeda, Ghaffar Khan.

M.A.-3rd Semester

Paper-IX : Social Thought of Mahatma Gandhi, **Paper-X** : Research Methodology, **Paper-XI** : Conflict Management, Transformation and Peace Building, **Paper-XII : (Opt.)** (i) Gandhi and Panchayati Raj in India, (ii) Study of Texts, (iii) Political and Social Concepts.

M.A.-4th Semester

Paper-XIII : Gandhi, Ecology and Sustainable Development, **Paper-XIV** : Field Work, **Paper-XV** : Human Security and Disaster Management, **Paper-XVI** : (Opt.) (i) Gandhi and Rural Development, (ii) Main Religions of India, (iii) Human Rights.

M.Phil.

Semester-I : 12 Credits

Paper-I : Research Methodology, **Paper-II** : Gandhi's Social, Political and Economic Thought, **Paper-III** : Students may offer one of the following Options :

- (i) Peace and Conflict Resolutions, (ii) Rural Development and Panchayati Raj in India.

Semester-II

Dissertation : 12 Credits

One Research Scholarship for M.Phil. purely on merit basis.

Ph.D.

Enrolment & Registration as per University Rules.

The Department provides facilities for research leading to Ph.D. Degree on inter-disciplinary basis related to Gandhi's **Life, Work & Thought and Peace Studies**.

Thrust Areas

1. Socio-economic and Political Thought of Mahatma Gandhi
2. Peace Studies & Conflict Resolution
3. Rural Development & Panchayati Raj
4. Freedom Movement

Field Work

Keeping with the essence of Gandhian Thought a compulsory component of the curriculum of master degree is Project Report on the basis of Field Work. The students accompanied by faculty members are engaged in constructive programme activities in village Mahadevpura which is at distance of 15 km. from Chandigarh. At the end of the session the students submit a comprehensive report on the basis of their work in the area of literacy, cleanliness, handicrafts, social interaction and old peoples' problems etc. The report is evaluated as a complete paper in itself.

Other Highlights of the Department

This Department is a leading Department in this field unlike other Universities where Gandhi Bhawan were established by Gandhi Smarak Nidhi, New Delhi & University Grants Commission, New Delhi. The Panjab University started a full fledged department of Gandhian Studies in 1965. Most of the students from this department have found placement in civil services, judicial services, teaching, banking and some are self-employed. The Department has completed over 40 Ph.D. theses and brought out a number of books and research Papers in journals of repute.

DEPARTMENT OF GEOGRAPHY

About the Department

Established in 1960, the department holds a place of eminence as centre for quality research and training. It has been recognised as Centre for Advanced Study by UGC w.e.f. April 1, 2009. It offers opportunities for M.A. in Geography (Semester System) Masters in Disaster Management (Semester System), Masters in Remote Sensing and Geographic Information System (Semester System), M.Phil., Ph.D. and two online courses : Diploma in Geoinformatics and M.Sc. in Geoinformatics. The latter two courses are run in collaboration with University of Salzburg, Austria from the academic session, 2009-2010.

- Under CAS of UGC in Phase-I (2009-14)
- One of the first departments in the country to start a P. G. Diploma course in Remote Sensing and GIS. Course has been upgraded to Masters Degree from 2009-10.
- Headquarters of the Association of Population Geographers of India.
- Publishes a Bi-annual Journal : Population Geography, First ever Journal in the field, since 1979.
- Well equipped Updated Library/Remote sensing and GIS Cartographic, Surveying and Computer Labs.
- Map Reference Centre of Survey of India, Dehradun to cater needs of NW Region.
- Focus on Field work and educational trips.
- Close association with organizations like Survey of India, NRSC. Census of India, ICSSR, State Governments etc.
- Organizes U.G.C. sponsored National Seminar and Refresher Courses in Geography for college/ university teachers and short term Training programmes for college and school teachers in Remote Sensing and GIS.

Faculty

Professors : G.S. Gosal Gopal Krishan
Emeritus

Professors : K.D.Sharma Surya Kant Smita Bhutani Dhian Kaur
(*Re-employed*) (*Re-employed*)

Associate : **Krishna Mohan** Karanjot Kaur Brar Ravinder Kaur
Professors (*Chairperson*)

Assistant : Gaurav Kalotra Navneet Kaur
Professors

Cartographer : Mohan Singh

Map Curator : Vishwa Bandhu Singh

Courses Offered :

COURSE	SEATS	DURATION	FEES	ELIGIBILITY/CRITERIA
M.A.	51+7 NRI	2 years (4 Semesters)		Entrance Test at the Departmental level (B.A./B.Sc. in Geography with 50%) marks
Masters in Remote Sensing and GIS	25+3*	2 years (4 Semesters)	Rs. 28,000 (per annum)	Admission Test at Departmental Level B.A./B.Sc. in Geography with 50% marks
Masters in Disaster Management	25+3*	2 years (4 Semesters)	Rs. 30,000/- (per annum)	Graduate in any discipline with 50% marks Admission to Masters in Disaster Management is on merit-cum entrance test basis at Departmental Level Sponsored by Govt./Institutes are exempted from the entrance test.
Online Diploma Course in Geo-informatics (In Collaboration with University of Salzburg, Austria)	20 (Minimum)	1 year	1200 Euro** or Equivalent Indian Currency	Plus two in any one streams (e.g. Arts, Science, Commerce and IT) with first division, proficiency in English language, and computer operation, or professional experience of several years in the field of GIS. In this regard, final decision will rest with the Course Director. Admission to Diploma in Geo-Informatics will be based on interview.
Online Masters in Geographic Information Science and Systems (In Collaboration with University of Salzburg, Austria)	20 (Minimum)	2 years	2,000 Euro*** or Equivalent Indian Currency	Graduation in any stream (e.g. Arts, Science, Commerce and IT) with first Division, proficiency in English language, and computer operation, or professional experience of several years in the field of GIS (final decision will rest with the Course Director). Admission to Masters in Geo-Informatics will be based on interview.
M.Phil.	15	1 year (2 Semester)		See General Important Guidelines at page iii.
Ph.D.	3-4 years	Subject to Availability		See General Important Guidelines

*Sponsored by Govt./Institutes.

**To be paid in single installment (exchange rate between the two currencies, on the day advertisement for admission is inserted in the newspapers).

***Single Installment of 2000 Euro or 1150 + 1150 Euro in 2 installments (exchange rate between the two currencies, on the day advertisement for admission is inserted in the newspapers).

Thrust Areas :

Major thrust areas for CAS the phase I include : Population Geography, Settlement Geography, Agricultural Geography, Geography & Ecosystems, and Remote Sensing and GIS applications. The Department holds a place in research in Population Geography, Agricultural Geography, Urban Geography, Regional Development, Ecological Studies and Administrative Geography. Research based teaching has been the forte of the Department.

GURU NANAK SIKH STUDIES

About the Department

The Department was established in 1970, in pursuance of scheme of the Punjab Govt. and University Grants Commission to conduct, guide and organise study and research of various aspects of life works and teaching of Guru Nanak in particular, and of the Sikh Religion, History, Philosophy, Culture and Literature etc. in general and any other area of study and research relevant to the area of Sikh Studies.

Faculty

Professor : **Jaspal Kaur Kaang**
(*Chairperson*)

I. Long Range Projects :

The department has undertaken the preparation of a series of source books and reference works to serve as basic tools and instruments of research for the scientific and systematic study of the religion and history of Sikhs.

A Dictionary of Sikhism :

Religion studies and surveys of the Sikhs settled in different parts of India and foreign countries influenced by the new environments, and vice-versa and assessment of their contribution from the socio-economic point of view to the lands of their adoption.

A Study and Survey of Sikh orders : That is an objective study and extensive survey of the origin, growth and contribution of the Sikh orders known as Samparadayyas such as Udassin, Nirmalas, Sevapanthis, Nirankaris and Namdharis etc.

II. Projects Proposed :

Some new proposals for further development of the department are being worked out. These include :

- A survey of Historical Sikh Shrines.
- Etymological Study of the Gurmat Literature (Gurbani).

III. Short Range Programme :

- **Papers & Monographs on Sikh Studies** : Seventeen titles have been published and some more are expected to be added shortly.
- **General Study and Research** : Research on the various aspects and comparative religions Studies have been published from time to time, in the form of books, research papers and articles.

- **Special lectures on Sikh Studies** : The Department also aims at stimulating interest in Sikh Studies and disseminating knowledge on the subject sharing it with the people at large. The dept. has started a series of Extension lectures on various aspects of Sikhism. The dept. organizes National, International seminars and conferences for the research scholars and the students on the interdisciplinary issues to link them with Sikh Studies.
- Deptt. has started editing a journal entitled ‘Punjab Journal of Sikh Studies’ to encourage the Faculty members and research scholars to publish their research in the journal. It is a refereed journal which has allotted ISSN No.

Facilities available for Research :

Ph.D. work on Sikh Studies : Facilities exist for research guidance leading to the Ph.D. Degree. The department enrolls and guides suitable candidates who have obtained M.A./M.Sc. degree in any subject of any University faculty of Arts, Languages and Science, as per regulations of Panjab University Calendar and Entrance Test.

Reference Library of Sikh Studies : The Department maintains a specialised library on religion studies in general and on Sikh Studies in particular.

Research Fellowship in Studies : One research fellowship is available for students having special aptitude for research and ability to assist the department in its projects and programmes.

At present 19 Research Scholars have been enrolled in the department.

DEPARTMENT OF HISTORY

About the Department

The Department was established in 1951. The department offers M.A. Courses and research opportunities in three streams viz. Ancient, Medieval and Modern Indian History.

The Department has organised National Seminars, Conferences, Refresher Courses, Workshops and Special Lectures on important aspects of Indian History from time to time. The faculty has been actively engaged in Research Projects (funded by UGC, ICHR, National Commission for Women, New Delhi), and has published 80 Books and 500 Monographs/Research Papers. Department also does a fortnightly radio program on history on Canadian Multicultural Radio.

Faculty :

Professors	:	Surinder Singh	M. Rajivlochan (Chairman)	Veena Sachdeva
Associate Professors	:	Reeta Grewal Devi Sirohi	Sukhmani Bal Riar B.J. Maheshwari	Anju Suri

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68	2 years (Semester System)	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines at page iii
Ph.D.	Subject to availability	3-4 years	Ph.D. Entrance Test

LIST OF PAPERS FOR M.A. HISTORY (Semester System)
(For the Examinations of 2011 and 2012)

Semester-I

- Paper I : Ancient India : An Overview HIS 231
Paper II : Medieval India : Political Processes HIS 221
Paper III : Modern India : Political Processes HIS 211
Paper IV : The Punjab (Mid-fifteenth to seventeenth centuries) HIS 111

Semester-III

Paper I : Any one of the following :

- Opt.(i) National Movement in India 1858-1947 HIS 212
- Opt.(ii) Constitutional Development in Modern India, 1773-1947 HIS 213
- Opt. (iii) British Policy and Princely States HIS 214
- Opt. (iv) Contemporary India 1947-1992 HIS 263

Paper II : Any one of the following :

- Opt. (i) Making of the Modern Punjab, 1849-1901 HIS 123
- Opt. (ii) The Punjab 1901-1966 HIS 126

Paper III : Any one of the following :

- Opt. (i) Evolution of Ancient Societies HIS 431
- Opt. (ii) Feudal Society in Western Europe HIS 421
- Opt. (iii) History of Capitalism HIS 411
- Opt. (iv) Rise and Growth of Colonialism in India HIS 412

Paper IV : Any one of the following :

- Opt. (i) Gender Relations in Modern India HIS 601
- Opt. (ii) Sacred Centres in the Indian Civilization HIS 604
- Opt. (iii) Science, Technology & Medicine in Colonial India HIS 603
- Opt. (iv) History of Secularism in Modern India HIS 602

Semester-II

Paper I : Any one of the following :

- Opt. (i) Agrarian Economy of Ancient India HIS 713
- Opt. (ii) Agrarian Economy of Medieval India HIS 712
- Opt. (iii) Agrarian Economy of Modern India HIS 711

Paper II : Any one of the following :

- Opt. (i) Punjab in the Eighteenth Century HIS 125
- Opt. (ii) Punjab in the Early Nineteenth Century HIS 126

Paper III & IV : Any two of the following :

- Opt. (i) (a) American Imperialism in the Nineteenth and Twentieth Centuries HIS 811

OR

- Opt. (i) (b) USA (1820-1973) HIS 812
- Opt. (ii) China & Japan (1840-1950) HIS 844
- Opt. (iii) History of Canada HIS 821
- Opt. (iv) Modern World (Mid 15th–19th Century) HIS 831
- Opt. (v) World in the Twentieth Century 832

Semester-IV

Paper I : Any one of the following :

- Opt. (i) History and Historiography HIS 911
- Opt. (ii) History and Historical Method HIS 912

Paper II : Any one of the following :

- Opt. (i) Industry, Trade & Urbanization in Medieval India HIS 721
- Opt. (ii) Industry and Trade in Modern India HIS 730
- Opt. (iii) Working Class Movements in Modern India HIS 731
- Opt. (iv) Urbanization in Modern India HIS 733

Paper III : Any one of the following :

- Opt. (i) Cultural History of Ancient India HIS 432
- Opt. (ii) Medieval Indian Art and Monuments HIS 424
- Opt. (iii) Diaspora in Colonial India HIS 455
- Opt. (iv) Peasant Movements in Modern India HIS 467
- Opt. (v) Dalit Movements in Modern India HIS 471
- Opt. (vi) History of Caste and Caste Politics in Modern India HIS 462

Paper IV: Any one of the following :

- Opt. (i) Buddhism in India HIS 438
- Opt. (ii) Islamic Traditions of Medieval India HIS 426
- Opt. (iii) Religious Developments in Medieval India HIS 428
- Opt. (iv) Socio-Religious Reform Movements in Modern India HIS 418

Historical Society :

For extra-curricular activities, the Department has a Historical Society which was founded in 1951. Under its auspices, a number of extension lectures, debates, discussions and declamation contests are held every year. The society also organizes historical tours to various parts of the country.

Thrust Area :

Study of the broad North-Western Region in terms of polity, economy, society and culture since the earliest times in a pan Indian, integrated and inter-disciplinary perspective.

There will be no student under Annual System this time. There will be students in Semester III & IV (list of papers mentioned above).

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

About the Department

The Department is one of the pioneer schools of Library & Information Science in the country. It has produced about 43 Doctorates, organized Refresher courses and seminars in Library & Information Science. It has a very rich collection of latest documents in the Departmental Library and a well-established computer laboratory. The faculty of the department have produced a large number of research publications.

Faculty

Professors	:	R. Vohra (<i>Re-employed</i>)	P. Mahajan
Associate Professor	:	Promila (<i>Chairperson</i>)	
Assistant Professor	:	Rupak Chakravarty	

Courses Offered :

1. Master in Library & Information Science

The Department offers **Master's Degree in Library & Information Science** (Two Year Integrated Course) Seats : (40+5 NRI).

Eligibility

The admission to Master of Library & Information Science (Two-year Integrated Course) is based on merit and subject to fulfilling of other eligibility conditions as per Rules & Regulations of the University.

Criteria for admission

The minimum qualifications for admission to the course for the degree of Master of Library & Information Science (Two-year Integrated Course, Semester System) are :

Bachelor's degree with at least 50 per cent marks in the aggregate from this University or from any other University which has been recognized by the Syndicate; or

Master's degree from this University or from other University which has been recognized by this University; or

B.A. degree of the University through O.T./Modern Indian Language (M.I.L.) and English only examination, in which case the aggregate of 50 per cent marks shall be calculated for taking into account of the marks obtained in English and the subjects taken together; or

Any other qualification recognized by the Syndicate as equivalent to above.

2. Ph.D.

The Department provides instruction and research guidance for the doctoral degree. Eligibility for admission to Ph.D. is according to the prescribed regulations. A few research scholarships and fellowships are available.

Thrust Areas

Academic and Special Library Systems, Education for Library & Information Science, User's Information seeking Behaviour, Building Institutional Repositories, IT application in Library & Information Centres, etc.

PANJAB UNIVERSITY REGIONAL CENTRE, MUKTSAR (ARTS)

About the Centre

The Panjab University Regional Centre was started in 1998 realising the responsibility towards the society in general and the development of the backward area in particular, Punjab Govt. and Panjab University decided to start a Regional Centre at Muktsar, which is an ideal place for the establishment of such Regional Centre.

About the Town

Muktsar is historic town having special value for Punjab and the Punjabies as it is the place where Sri Guru Gobind Singh Ji fought last battle with Mughal Rulers. It is situated in the centre of the Western Malwa Region which is known for its fertile land and rich crops. It is situated at a distance of 30 kms. from Malout, 60 kms. from Dabwali and Abohar, 55 kms. from Ferozepur, 35 kms. from Gidderbaha, 30 kms from Jalalabad and 28 kms. from Gurharsahai. It is approachable both by road and rail.

Faculty

Professor	:	P.S. Dhingra <i>Director</i>		
Associate Professors	:	D.K. Singh Manish Kumar	Balkar Singh	J.S. Dhillon
Assistant Professors	:	Darshan Singh Baljinder Kaur Nisha Jain Vinod Kumar	Rajesh Kumar Mishra Ravinder Kumar Gurpal Singh Mohinder Kumar	Ummed Singh Sujit Lahiry Gurjaswinder Singh

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A. Economics	46	2 years	As prescribed in Section 7.1 of Rules for Admissions
M.A. English	46	2 years	– do –
M.A. Punjabi	46	2 years	– do –
M.A. Political Science	46	2 years	– do –
LL.B.	58+8NRI	3 years	Admission based on O-C.E.T.
M.C.A.	20+2*+3 NRI	3 years	– do –
M.Phil. Punjabi	15	1 year	See General Important Guidelines at page iii

The Rules of LL.B. (3 year) prevailing in Department of Laws, P.U., Chandigarh would also apply at the Centre.

*For candidates who have studied computer science has one of the subjects for three years of the subject as a full course the under the graduate level.

PANJAB UNIVERSITY RURAL CENTRE, KAUNI, DISTT. MUKTSAR

About the Centre

The Panjab University Rural Centre Kauni was started in July 2010 realising the responsibility towards the society in general and the development of the Rural area of Distt Muktsar.

Faculty

Director	:	Janmit Singh		
Asstt. Professors : (Guest Faculty)		Gurjit Singh Amrinder Singh Sandhu Pritpal Singh	Meenu Chopra Sakshi Bhateja	Hardeep Kaur Sandeep Kaur

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.A.	80	3 years	+ 2 passed
BBA	40	3 years	50% marks in +2
B.Com	40	3 years	45% marks in Commerce with Math.
PGDCA	40	1 years	50% marks in Graduation

Admission will be made on Merit basis.

DEPARTMENT OF PHILOSOPHY

About the Department

The Department was established in 1959. The Department provides instructions for M.A. in Philosophy, besides research guidance for a Doctoral degree and subsidiary courses in Philosophy to the B.Sc. (Honours School) students. The Department strives to provide the students an extensive exposure to Western and Indian Philosophical Traditions and an intensive training in analytical skills and reasoning through lectures, tutorials and seminars. An active participation and regular attendance in all these activities is compulsory.

The faculty of the Department takes an active interest in interacting with the faculty and students of the allied departments of their academic areas of interests particularly in Humanities and Social Sciences in the Faculties of Arts, Languages, Design & Fine Arts.

The Department has also published the proceedings of the seminars organised over the years.

Faculty

Professors	:	Veena Kapoor (<i>Re-employed</i>) Asha Maudgil	Dharmanand Sharma V.T. Sebastian	Geeta Manaktala (<i>Re-employed</i>)
Associate Professor	:	H.P. Sah (<i>Chairperson</i>)		
Assistant Professors	:	Shivani Sharma	Lallan S. Baghel	
Research Fellows	:	Professor Rekha Jhanji (UGC Major Research Project) Pankaj (General Fellow ICPR Post Doctoral) Amandeep Singh ICPR K. Nongpok Chinghhei Nganba, ICPR Gautam Kalodia (Rajiv Gandhi Fellowship)		

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	40	2 years (Semester System)	As prescribed in Section 7.1 of Rules for Admissions
M.Phil.	10	1 year (2 Semesters)	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

M.A. Semester I

Code No. PPS	101	:	Philosophical Psychology
Code No. WHP	102	:	Western Philosophy
Code No. HIP	103	:	Classical Indian Philosophy
Code No. LOG	104	:	Logic

M.A. Semester II

Paper-I	:	201	:	Philosophical Psychology
Paper-II	:	202	:	Western Philosophy
Paper-III	:	203	:	Classical Indian Philosophy
Paper-IV	:	204	:	Logic

M.A. Semester III

Paper	-	301	:	20 th Century Western Philosophy (Philosophy of Language)
Paper	-	302	:	Ethics (Concepts and Theories in Ethics)
Paper	-	303	:	Social and Political Philosophy (Concepts and Theories in Social and Political Philosophy)
Paper	-	304	:	Philosophy of Religion (Part-I)
Paper	-	305	:	Aesthetics : Indian & Western (Part-I)
Paper	-	306	:	Philosophy of History & Culture (Philosophy of History)

Any two papers from the following optional papers :

Code No. SPP	303	:	Social and Political Philosophy
Code No. POR	304	:	Philosophy of Religion
Code No. AES	305	:	Aesthetics : Indian and Western
Code No. PHC	306	:	Philosophy of History and Culture

M.A. Semester IV

Paper	-	401	:	20 th Century Western Philosophy (Existentialism, Phenomenology & Hermeneutics)
Paper	-	402	:	Ethics (Analytical and Existential Approaches to Ethics)
Paper	-	403	:	Social and Political Philosophy (Major Theories in Social and Political Philosophy)
Paper	-	404	:	Philosophy of Religion (Part-II)
Paper	-	405	:	Aesthetics : Indian & Western (Part-II)
Paper	-	406	:	Philosophy of History & Culture (Philosophy of Culture or Modern Indian Thoughts).

Ph.D.

The Department provides research guidance for pursuing research leading to a Doctoral Degree. Eligibility for admission to Ph.D. Programme is prescribed in the Regulations. Fellowships and Scholarships are available to those candidates who qualify the UGC JRF test or ICPR Selection-process.

Seminars

The faculty and students' seminars are an integral part of the department's academic activities. The Department organises weekly seminars for the students with a view to imparting training in analytical skills by encouraging the writing and presentation of philosophical papers for discussion. Every student is required to present a paper on her/his turn for the seminar and actively participate in the discussion. Attendance in seminars counts towards the eligibility to sit in the University examination.

Thrust Areas

Ethics, Social Philosophy and Phenomenology & Existentialism.

DEPARTMENT OF POLITICAL SCIENCE

About the Department

The Department is recognized internationally for its excellence in the areas of Indian Politics, International Relations and Geopolitics. Ranked highly in terms of research, teaching interface, the department is served by faculty of international repute. It has been designated by the UGC as a Department of Special Assistance. The Department has recently been upgraded from DSA II to DSA III for a period of five years beginning from April, 2009. The Department has also been awarded **Assistance for Strengthening of Infrastructure for Humanities and Social Sciences (ASIHSS)** for five years from 2006.

The Department invites distinguished visiting scholars and holds workshops and conferences under this programme. In addition, the department also annually hold Shahid Bhagat Singh Memorial Lecture and Professor Pradeep Kumar Memorial Lecture. It has a vibrant Political Science Society, membership to which is compulsory for all the students.

The faculty has published extensively in the form of books, monographs, reports, articles, reviews, commentaries, perspectives and research papers in reputed journals. Some of the faculty members have also been on the editorial boards of reputed international journals.

Faculty

Professors	:	Bhupinder Brar	Sanjay Chaturvedi	Ashutosh Kumar
Associate Professors	:	Deepak K. Singh (<i>Chairperson</i>)	Ronki Ram	Pampa Mukherjee
Assistant Professors	:	Navjot	Janaki Srinivasan	Kailash K. K.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68	2 years	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year (2 Semesters)	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

Thrust Areas

Indian Politics, International Relations, Geopolitics.

DEPARTMENT OF PSYCHOLOGY

About the Department

The faculty members of the Department of Psychology have made a mark in the field of Psychology both at the National and International level. The faculty of the department have made valuable contributions as resource persons to several organizations such as Institute for Correctional Administration, Center for Women Studies, Commonwealth Youth Programme, Jan Shiksha Sansthan. Research studies in the department are going on in the areas of stress, stress related disorders, quality of life, psychopathology, police, women, family, creativity and sports etc. The Department attracts meritorious and outstanding students from all over India and abroad, whose achievements attract recognition not only because of high pass percentages and UGC (NET) but also in various national and international conferences. The human resource of the department is also deeply connected to various socially productive NGO's.

Faculty

Professor Emeritus	: Jitendra Mohan	
Professors	: Anuradha Bhandari	Meena Sehgal
Associate Professors	: Harpreet Kanwal Chhabra	Seema Vinayak (Chairperson)
Re-employed Faculty	: L.S. Minhas	Sudha Banth
Guest Faculty	: V.V. Upmanyu	

M.A. (Psychology) is a two year course with Semester System of examination. The eligibility for admission to M.A. (Psychology) is that the candidate has offered and passed in the subject of Psychology at the B.A. level (three year course) examination.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68+9NRI	2 years	As prescribed in Section 7.1 of Rules for Admissions.
Post M.A. Diploma in Professional Counselling and Psychotherapy	23+3NRI	1 year	M.A. Psychology with 55% marks Admission on merit basis.
Post M.A. Diploma in Psychological Testing	23+3NRI	1 year	M.A. Psychology with 55% marks Admission on merit basis.
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

The following courses are offered in M.A. Part-I and II.

M.A. Semester I

1. Theories and Systems
2. Social Psychology
3. Experimental and Cognitive Psychology-I
4. Research Methodology-I
5. Practicals

M.A. Semester II

1. Theories and Systems-II
2. Social Psychology-II
3. Experimental and Cognitive Psychology-II
4. Research Methodology-II
5. Practicals

M.A. Semester III

1. Organizational Psychology-I
2. Child Psychopathology-I
3. Life Span Developmental Psychology-I
4. Clinical Psychology : Psychodiagnostics
5. Clinical Disorders
6. Counselling Psychology : Professional Foundation
7. Counseling Psychology : Approaches And Appraisal
8. Sports Psychology-I
9. Positive Psychology
10. Health Psychology-I
11. Media Psychology
12. Behavioral Economics
13. Research Methodology and Statistics-I
14. Practicum

M.A. Semester IV

1. Organizational Psychology-I
2. Industrial Psychology
3. Clinical Psychology : Prevention and Intervention
4. Sports Psychology-II
5. Applied Counseling : Specialties in Practice of Counseling
6. Applied Counseling : Educational and Career Counseling
7. Life Span Developmental Psychology-II
8. Child Psychopathology-II
9. Health Psychology-II
10. Para Psychology
11. Research Methodology and Statistics - II (Compulsory)
12. Practicum

Ph.D.

Faculty members are available for research for Ph.D. scholars in the fields of cognitive psychology, behavioral economics, health psychology, personality, psychometrics, creativity-intelligence, social attitudes, social change, vocational guidance, criminology, mental retardation, motivation, group psychology, diagnostic testing, industrial and organizational behaviour, clinical psychology and sports psychology .

There are two well equipped laboratories with modern recording and timing apparatuses and large number of tests for the measurement of personality, intelligence, aptitudes, attitudes and other phenomena.

Thrust Areas

Health Psychology, Personality, Psychopathology, Applied Psychology with special reference to Counselling Testing and Sports Psychology, Cognitive Psychology, Behavioral Economics.

DEPARTMENT OF PUBLIC ADMINISTRATION

About the Department

The Department of Public Administration was set up in the year 1961. It has the distinction of being one of the oldest departments in the discipline of Public Administration in the country. Since its inception, it has been actively engaged in quality teaching, research, training as well as consultancy in the applied fields of Public Administration.

The Department has excellent infrastructure for academic and research related activities. The Departmental Library possesses more than 2800 books and subscribes to five journals. In addition the Library has many reports of the Central and State governments. The Seminar Room of the Department is well equipped for seminars, lectures and other academic presentations. A well-equipped Computer Lab. With internet facility has been provided for all students, research scholars and the faculty for their research and other academic pursuits. The Department has an Administrative Sciences Society, membership of which is compulsory for all the students. The Society organizes debates, educational tours and other cultural activities.

The success rate of the students qualifying the UGC NET is very high in comparison to the students of other Indian universities in the discipline of Public Administration. The Department has produced more than 131 Ph.D. theses on various facets of the discipline. Majority of the Ph.D. theses are survey-based focusing on the analysis and solutions of practical problems of administration in the Third World. The Department has also undertaken research projects funded by prestigious agencies like Department for International Development (DFID), U.K.; Canadian International development Agency and University Grants Commission.

The alumni of the Department are holding senior positions in the Government of India and State Governments. The Department has, in the past, successfully conducted training programmes for civil servants, executives of public enterprises and other government officials, besides organizing refresher courses and seminars in various aspects of Public Administration from time to time.

Faculty

Professor	:	B.S.Ghuman		
Associate Professors	:	Sudhir Sharma	Ramanjit Kaur Johal (Chairperson)	Charanjeev Singh
Assistant Professors	:	Komal Singh	Navreet Kaur	

Courses Offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	70**+9*	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions
M.Phil.	10+2*+2***	1 year (2 Semesters)	See General Important Guidelines at page iii
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

M.A. Programme

Eligibility for admission to M.A. Semester-I is given in general section of this Handbook. Depending on the availability of seats and the rules in force admission to M.A. Semester-III to candidates from the University School of Open Learning/affiliated Colleges of Panjab University may also be allowed by the Board of Control.

Guidelines for admission to M.A. (Public Administration) for the candidates who have studied the related Social Sciences i.e. Economics, Political Science, Sociology, and Psychology at the graduation level, for filling five seats under this category.

The merit of the candidates admitted under this category shall be calculated by adding the marks secured in any of the four social sciences i.e. Economics, Political Science, Sociology, and Psychology in B.A. I, II & III to the aggregate score at the graduation level. Due weightage for Honours in the these social sciences shall be given to the candidate to be admitted under this category also.

There shall be three merit lists: First, consisting of those candidates who did their B.A. with the subject of Public Administration; the Second of those who have not studied the subject at the undergraduate level. The first merit list shall be taken up first for admitting the students to M.A. Programme and the second one after the first merit list is exhausted.

* Foreign Nationals/NRI.

** Out of the total, 5 seats will be offered to the candidates who have studied related social sciences i.e. Economics, Political Science, Sociology, and Psychology at the graduation level.(Guidelines for admission to these seats are given below).

*** Reserved for the permanent teachers of affiliated colleges.

The Third Merit List will be prepared for filling five seats reserved exclusively for the candidates who have studied related social sciences i.e. Economics, Political Science, Sociology, and Psychology at the graduation level. The reservation rules will apply to this category also. In case there are vacant seats under this category, these seats on merit basis will be filled from the first and second merit lists.

The M.A. Programme in Public Administration (Semester System) has three main features:

1. It is job-oriented.
2. It is multi-disciplinary
3. The curriculum integrates theoretical and practical perspectives in the field of Public Administration. In Semester-I & II, the courses are common for all whereas in Semester-III & IV, students are given a choice of specializing in various functional areas of Public Administration. The sequence of courses has been scientifically planned in such a way that they constitute building-blocks for four groups of specialization. The specialized groups which are allocated in Semesters III & IV are as under:

- Group A : Applied Development Administration (with special reference to India)
- Group B : Economic Administration (with special reference to India)
- Group C : Human Resource Management (with special reference to India)
- Group D : Administrative Management (with special reference to India)

At least 10 seats are allocated to each group. The remaining seats are allocated to various groups in proportion to the number of applications in each group. The allocation to various groups is on the basis of merit-cum-preference. The groups for Semesters III & IV are allocated to the students by the Board of Control in Public Administration well before the commencement of Semester-III.

Semester-I

Papers

- I - Administrative Theory
- II - Organisational Behaviour
- III - Public Financial Administration
- IV - Public Personnel Administration
- V - Indian Economic System
- VI - Indian Social System

Semester-II

Papers

- I - Administrative Thought
- II - Research Methods
- III - Public Policy and Administration
- IV - Administrative Law
- V - Indian Political System
- VI - Indian Administrative System

Semester-III

Note: Students of all the Groups have to take a total of 5 papers including the 3 compulsory papers.

Papers

I Development Administration (**Compulsory for all groups**)

Group A: Applied Development Administration (with special reference to India)

- II Social Policy and Welfare Administration (**Compulsory**)
- III People's Empowerment and Rural Governance (**Compulsory**)
- IV Disaster Management
- V Administration of Non-Government Organisations
- VI Public Health Policy and Administration
- VII Dissertation (Note : Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I and II).

Group B: Economic Administration (with special reference to India)

- II Economic Administration (**Compulsory**)
- III Company and Cooperative Law (**Compulsory**)
- IV Human Resource Management
- V Financial Management
- VI Corporate Governance
- VII Dissertation (Note: Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I and II).

Group C: Human Resource Management (with special reference to India)

- II Social Policy and Welfare Administration
- III Labour Economics (**Compulsory**)
- IV Human Resource Management (**Compulsory**)
- V Administration of Non-Government Organisations
- VI Corporate Governance
- VII Dissertation (Note: Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I and II).

Group D : Administrative Management (with special reference to India)

- II Administrative and Office Management (**Compulsory**)
- III Management of Disciplinary Proceedings
- IV Human Resource Management
- V Administration of Non-Government Organisations (**Compulsory**)
- VI Corporate Governance
- VII Dissertation (Note: Eligibility for this option is minimum 50% of the aggregate marks in M.A. Semester I and II).

Semester –IV

Note : Students of all the Groups have to take a total of 5 papers including the 3 compulsory papers.

Papers

I Emerging Areas in Public Administration (**Compulsory for all groups**)

Group A : Applied Development Administration (with special reference to India)

- II Education Policy and Administration (**Compulsory**)
- III People's Empowerment and Urban Governance (**Compulsory**)
- IV Police Administration
- V International Administration
- VI Information Technology and Computer Applications in Public Administration

Group B : Economic Administration (with special reference to India)

- II Public Enterprises Management (**Compulsory**)
- III Marketing Management
- IV Industrial Relations
- V Project Management (**Compulsory**)
- VI Information Technology and Computer Applications in Public Administration

Group C : Human Resource Management (with special reference to India)

- II Labour Laws (**Compulsory**)
- III Organisational Psychology (**Compulsory**)
- IV Industrial Relations
- V Labour Policy and Administration
- VI Information Technology and Computer Applications in Public Administration

Group D : Administrative Management (with special reference to India)

- II Techniques of Administrative Improvement (**Compulsory**)
- III Organisational Psychology
- IV Industrial Relations
- V Project Management
- VI Information Technology and Computer Applications in Public Administration (**Compulsory**)

M.Phil. Programme

It is a two semester course. First semester consists of four papers. One paper and a dissertation constitute second semester.

Note : It has been decided by the Board of Control that 80% weightage is to be allocated to semester examination and 20% to written assignments and seminars in every paper.

Ph.D. Programme

The Department provides instructions and research guidance for a doctoral degree. Eligibility for admission to Ph.D. Programme in Public Administration is according to prescribed Panjab University rules and regulations.

Thrust Areas

The thrust areas in the subject of Public Administration are – Public Policy, Administrative Theory, Human Resource, Financial, Social and Economic Administration. Apart from these, the areas of research and teaching include Development Administration; Health, Education, and Public Enterprise Management. The students are also exposed to Computer Applications.

DEPARTMENT OF SOCIOLOGY

About the Department

The Department of Sociology, Panjab University was established in 1960. It is located in Arts Block-IV on the University Campus in Chandigarh. For its academic and research excellence, the University Grants Commission (UGC) recognized it for Special Assistance Program (SAP) in 1977 of which has successfully completed four phases. In April 2007 the department was upgraded as a Centre of Advanced Study (CAS) by the UGC.

The Department has teaching and research programs for M.A., M.Phil. and Ph.D. levels. It offers a wide spectrum of specialized courses, along with optional courses in its curriculum in order to equip M.A. students to pursue specialization in areas of their interest. Course curriculum has both academic, as well as, societal relevance and incorporates contemporary debates on various aspects like Development, Gender, Population, Urban, Agrarian, Environment, Labour, Entrepreneurship, Industry, Family, Media and Deviance. Students are also equipped with a strong base in Research Methodology, through course work and field studies.

The Department of Sociology has a very long tradition for regularly holding Regional, National and International seminars, workshops and symposia. For the last 50 years continuously, the ‘Wednesday Seminar’ has been hallmark of the Department bringing together scholars, professionals and social activists interested in sociologically relevant issues as initiators of discussions.

Faculty of the department, besides teaching and research in Sociology is also engaged in delivering extension lectures and guest lectures in various Universities and organizations. Apart from Research Projects of academic nature, the faculty members have also been involved in various Policy/Program Support Research Projects from time to time.

Scholars from other countries pursue for their Degree programs in the department at all levels. At any given point of time about half a dozen research scholars from different countries pursue for their Ph.D. program in the Department.

Faculty

Professors	:	Sherry Sabbarwal	Rajesh Gill (Chairperson)	Manjit Singh
		Kiranpreet Kaur	K.K. Bansal	
Associate Professors	:	Neelu Kang	Kumool Abbi	
Assistant Professors	:	Rani Mehta	Moniva Sarkar	

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68+9 NRI	2 years (Semester System)	As prescribed in Section 7.1 of Rules for Admissions.
M.Phil.	15	1 year	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

Thrust Areas

Sustainable Development (in the context of Globalization, Information, Communication and Technology), Family and Gender Studies, Population, Health and Aging, Social Control and Deviance (with special reference to Activism, Terrorism and Cyber Crimes).

Other areas being focused upon are :

Social Development, Deviance & Social Problems, Development and Social Change, Urban Studies, Peasant and Rural Studies, State and Society.

UNIVERSITY SCHOOL OF OPEN LEARNING

The multi-discipline University School of Open Learning (Earlier known as (Department of Correspondence Studies), started in 1971 has emerged as one of the premier institutes of Distance Education in the country. It is housed in a sprawling building on the campus. It offers a wide range of courses whose mode of examination and the degree/diplomas awarded is the same as for those studying in colleges and departments of the University. The USOL has on its rolls the following highly qualified faculty :-

PUBLIC ADMINISTRATION

Professors	:	Vijay Rattan	Pawan Kamra
		R. K. Sharma (Re-employed)	Swinder Singh

Tutor-cum-Curator : Ramesh Pal (Re-employed)

MATHEMATICS

Reader : R. A. Yadav (Re-employed)

ENGLISH

Associate : Swaran Singh (Re-employed) Kiran Garg Praveen Sharda
Professors

COMMERCE

Professors : L. K. Bansal R. K. Gupta S. K. Nayar (Re-employed)

Associate : S. K. Gopal (Re-employed)
Professor

Assistant : Geeta Bansal
Professor

PUNJABI

Professor : Jaspal Kaur Kang

Teacher : Tarlochan Singh (Re-employed)

HISTORY

Professor : Manju Malhotra

Associate : V. Khosla Sheena Pall
Professors

GEOGRAPHY

Professor : **Neelam Grover**
(Chairperson)

Associate : Harveen Pannu
Professor

Tutor-cum-Curator : Sangram Singh Rana (Re-employed)

HINDI

Professor : Yojna Rawat

Associate : Neeru
Professor

SOCIOLOGY

Associate : Madhurima
Professor

DEFENCE STUDIES

Associate : Meena Dutta
Professor

ECONOMICS

Professor : P. Khanna (Re-employed)

Associate : S. B. Prashar (Re-employed) Poonam Goel Reena Bhasin
Professors Harsh Gandhar

Assistant : Sangeeta Malhotra
Professor

POLITICAL SCIENCE

Professor : S. K. Shukla
Associate : Emanuel Nahar
Professor

EDUCATION

Associate : Kuldip Puri
Professor
Assistant : Supreet Kaur Ram Mehar Mamta Rani
Professors* Manju Gera Kuljeet Kaur Jatinder Grover
 Jeesu Jaskanwar Singh

PSYCHOLOGY

Professor : Saran K. Sharma (Re-employed)

PHILOSOPHY

Tutor-cum-Curator : Sudhir K. Baweja

STATISTICS

Associate : Ravi K. Mahajan
Professor

The Department offers the following courses :

Bachelor Degree Courses

1. B.A. I, II & III (10+2+3 Scheme)
2. B.Com. I, II & III (10+2+3 Scheme)
3. Bachelor of Library and Information Science (One Year Course)
4. Bachelor of Education (B.Ed.) (two years course) (for in-service teachers only) (admission through entrance test only).

Masters Degree Courses (Semester System)

5. M.A. Parts I & II
 - (i) English
 - (ii) Hindi
 - (iii) Punjabi
 - (iv) Public Administration
 - (v) Political Science
 - (vi) History
 - (vii) Economics
 - (viii) Sociology
6. Master of Finance & Control (M.F.C.)
7. Master of Commerce (M.Com.)
8. Master of Education (M.Ed.) (for in-service teachers only) (Admission through entrance test only).

*In addition to above, two Assistant Professors in Education are also provided on contract basis, whose names are given below :

1. Ms. Gurpreet Kaur
2. Ms. Upasana

One Year Diploma/Certificate Courses

1. Post Graduate Diploma in Health, Family Welfare and Population Education
2. Post Graduate Diploma in Mass Communication
3. Post Graduate Diploma in Computer Applications
4. Postgraduate Diploma in Library Automation & Networking
5. Postgraduate Diploma in Statistics
6. Postgraduate Diploma in Human Rights & Duties
7. Postgraduate Diploma in International Business
8. Advance Diploma Course in Naturopathy & Yoga
9. Diploma in Photography
10. Certificate Course in Vivekananda Studies
11. Certificate Course in Women Studies

Our B.Ed. and M.Ed. courses are recognized by N.C.T.E. The School has quality-oriented lessons written by experts. The School has transformed majority of lessons into SIM/SLM mode with the help of DEC grant and the remaining lessons are in the process of being converted into SLM mode.

MASTER OF EDUCATION (M.ED.) (Correspondence) (For In-service Teachers) (Two Year Course Four Semesters)

COURSE	DURATION	SEATS	ELIGIBILITY/CRITERIA
M.Ed.	Two years (4 Semesters)	150	<ol style="list-style-type: none">1. Common Entrance Test.2. 55% Marks in B.Ed.3. Two Years paid teaching experience in a school recognized by a Board of School Education established by law or in College affiliated to or recognized by a university provided that part-time experience shall also be counted towards teaching experience if the teaching was done as paid teaching and the teacher is working at the time of admission, i.e. in service at the time of admission.

Admission to 150 seats in M.Ed. (two year course) through correspondence for session 2011-12 will be done on the basis of Entrance Test. Category-wise distribution of 150 seats as per University regulations.

M.Ed. Semester I & II (Correspondence)

In the I & II Semester of M.Ed. (Correspondence) three foundation papers are to be completed as under :

Semester-I

Sr. No.	Papers	Theory	External	Internal	Practical
I	Foundations of Education (Philosophical-I)	100	80	20	–
II	Advanced Educational Psychology-I	80	60	20	20
III	Methodology of Educational Research and Statistics-I	100	80	20	–
Aggregate of Semester-I		100 x 3 = 300			

Semester-II

Sr. No.	Papers	Theory	External	Internal	Practical
I	Foundations of Education (Sociological-II)	100	80	20	–
II	Advanced Educational Psychology-II	80	60	20	20
III	Methodology of Educational Research and Statistics-II	100	80	20	–
	Aggregate of Semester-II		100 x 3 = 300		
	Aggregate of Semester-I & II		300 + 300 = 600		

M.Ed. Semester III & IV (Correspondence)

In Semester III & IV of M.Ed. (Correspondence) a student has to opt three Papers (IV, V, VI) out of the following options (S. No. A to M). The optional papers are to be completed in two semesters (III & IV) as under :

Sr. No.	Papers	Theory	External	Internal	Practical
A	Guidance and Counselling-I	80	60	20	20
B	Adult, Continuing and Life Long Education-I	80	60	20	20
C	Value Education and Human Rights-I	100	80	20	...
D	Comparative Education-I	100	80	20	...
E	Teacher Education-I	100	80	20	...
F	Special Education-I	80	60	20	20
G	Educational Technology-I	80	60	20	20
H	Measurement Evaluation-I	100	80	20	...
I	Curriculum Development-I	80	60	20	20
J	Environmental Education-I	80	60	20	20
K	Yoga Education-I	80	60	20	20
L	Educational Administration and Management-I	100	80	20	..
M	Dissertation proposal submission				
	AGGREGATE OF SEMESTER-III				

For those who do not opt for dissertation = $100 \times 3 = 300$

For those who opt for dissertation = $100 \times 2 = 200$

Semester-IV

Sr. No.	Papers	Theory	External	Internal	Practical
A	Guidance and Counselling-II	80	60	20	20
B	Adult Continuing and Life Long Education-II	80	60	20	20
C	Value Education and Human Right-II	100	80	20	...
D	Comparative Education-II	100	80	20	...
E	Teacher Education-II	100	80	20	...
F	Special Education-II	80	60	20	20
G	Educational Technology-II	80	60	20	20
H	Measurement and Evaluation-II	100	80	20	...
I	Curriculum Development-II	80	60	20	20
J	Environmental Education-II	80	60	20	20
K	Yoga Education-II	80	60	20	20
L	Educational Administration and Management-II	100	80	20	..
M	Dissertation submission and viva	200	150	50	..

Aggregate of Semester-IV

For those who do not opt for dissertation = $100 \times 3 = 300$

For those who opt for dissertation = $100 \times 2 = 200 + 200 = 400$

Aggregate for Semester III & IV

For those who opt for dissertation = $300 + 300 = 600$

For those who opt for dissertation = $200 + 400 = 600$

Grand total of M.Ed. (I, II, III & IV Semesters) : $600 + 600 = 1200$ marks.

Note : Last date for submitting the **Synopsis & Dissertation** is November 30 and June 30 respectively of the examination year of M.Ed. Semester III & IV respectively.

PERSONAL CONTACT PROGRAMME (P.C.P.) FOR M.ED.

- i. The PCP for M.Ed. (Correspondence) will be held at the University School of Open Learning, Panjab University, Chandigarh only.
- ii. 75% attendance will be compulsory in the PCPs failing which the candidate will not be allowed to appear in the final examination.
- iii. Candidate will have to submit two assignments in each paper during PCP.
- iv. Internal assessment will be calculated on the basis of marks of assignments, house test, attendance, Classroom-interaction.

All practicals shall be conducted as per requirement of the different subjects at par with M.Ed. Regular. These practicals shall be conducted during PCPs (Personal Contact Programmes) organized by the University School of Open Learning, Panjab University, Chandigarh. Division of marks of different papers would also remain exactly similar to the M.Ed. Regular.

EMPLOYMENT CERTIFICATE

(To be provided by the Principal/Headmaster/Headmistress and countersigned by appropriate authority*)

This is to certify that Mr./Ms has been teaching in this school since as Post Graduate/Graduate/Primary/Assistant Teacher and she/he is a regular/full time/contractual teacher of this school. He/She has years of teaching experience. This school is Govt./ Govt. aided/unaided and is recognized by the Central or a State Government or a Union Territory.

Signature of Principal/Headmaster/Headmistress
with stamp

Place :.....

Date :.....

Name.....

Designation.....

Address.....

.....

Certificate from countersigning authority

It is certified that the information as given above is correct and nothing has been concealed thereof.

Countersigning Authority
(Stamp)

*Appropriate authority for countersigning on the employment certificate of the teachers from :

- | | | | |
|----|---|---|---|
| 1. | Recognized Schools | : | Concerned District Education Officer |
| 2. | Affiliated Schools to various Education Boards
CBSE/ICSE | : | Concerned Incharge affiliation in Respective Education Boards |
| 3. | Kendriya Vidyalas, Navodya Vidyalas | : | Principal of Institution |
| 4. | Degree / Post Graduate College | : | Principal of the College |

DEPARTMENT-CUM-CENTRE FOR WOMEN'S STUDIES AND DEVELOPMENT

The Centre was established in 1987.

Faculty

Professor	:	Rajesh Gill (Chairperson Acting)
Associate Professor	:	Manvinder Kaur
Assistant Professors	:	Ameer Sultana Rajesh Kumar

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	17+2 NRI	2 years	As prescribed in Section 7.1 of Rules for Admissions.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

Course Content : M.A.

Semester I

		Marks
Paper I	Conceptualising Women's Studies	100
Paper II	Women's Movement in India	100
Paper III	Feminist Theory	100
Paper IV	Basics of Social Research	100

Semester II

Paper I	Feminism : An Indian Perspective	100
Paper II	Emerging Trends in Research Methodology	100
Paper III	United Nations and Women's Issues	100
Paper IV	Optional Paper	100
	(i) Field Project	
	OR	
	(ii) Women and Environment	

Semester III

Compulsory Papers

Paper I	Women and Law-I	100
Paper II	Women and Development	100
Paper III	Women and Human Rights	100
Paper IV	Optional Paper	100
	Option (i) Women and Management	
	Option (ii) Women and Entrepreneurship	
	Option (iii) Training in Practical Skills	

Semester IV

Compulsory Papers

Paper I Women and Politics 100

Paper II Women and Law-II 100

Optional Papers (Papers III & IV) 100

(i) Women and Work

(ii) Women and Health

(iii) Women and Media

OR

Dissertation in lieu of two papers 200

Doctor of Philosophy

The Centre provides instructions and research guidance for a Doctoral degree. Eligibility for admission to Ph.D. programme is according to prescribed Regulations that may be consulted.

What will this discipline get you ? It will help in getting jobs in the fields of Government in Development Sector, World Bank Projects, United Nations Agencies, Human Rights Agencies, Multinational Companies, NGOs, Welfare Organisations... and many more. International NGOs, such as Oxfam, specialised agencies of the UN, Voluntary organisations such as The Hunger Project, require gender specialisation along with skills in making proposals, monitoring, evaluation and reporting as well as understanding of development issues in the region. The Department -cum-Centre, through its teaching programme not only sensitises the students to gender issues and attempts to ensure a commitment to the empowerment of women but also provides training in all the above skills through its curricula. The emphasis is on practical skill training in Project formulation, designing, monitoring, budget formulation and analysis and research training normally given in Research degree courses such as M.Phil. Most significantly, the course is multidisciplinary, which stands the students in good stead in any field of activity which they may decide to pursue, whether development, law, human rights or planning.

2. SCHOOL OF EDUCATIONAL STUDIES AND DEVELOPMENT

DEPARTMENT OF LIFE LONG LEARNING AND EXTENSION

About the Department

The Department of Life Long Learning & Extension is the new name given to the Centre for Adult Continuing Education and Extension, Panjab University, Chandigarh. The mandate of the Department is to expand global knowledge scenario by involving schools, P.U. affiliated colleges and Universities. The Department attends the needs of street children, school dropouts, women, students, employees and other members of the Community. The main thrust of Life Long Learning programs is to provide a wide variety of life long learning opportunities to all sections of society, which includes–continuing education courses–university and community centered, skill training, individual interest promotion programs, quality of life improvement programs and sensitization programs. The Department concentrates on activities, which include teaching (degree and diploma), awareness generation programs and skill up gradation programs.

Faculty

Professor/Director	:	Ajaib Singh		
Professor	:	Sween		
Assistant Professors	:	Renu Gandhi	Prabha Vig	Paramjit Singh Kang

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Diploma in Preschool Education	15	1 year (2 semesters)	10 + 2 in any stream from any recognized board

Thrust Areas

- Life Long Learning Opportunities
- Awareness Generation
- Skill Generation and Up Gradation
- Research Training, extension, outreach activities, life long education programmes, vocational training in computer application, fashion designing, english speaking and personality development through short term Certificate and Non-Certificate Courses, Workshops, Symposium, Interfaces and Seminars.

DEPARTMENT OF EDUCATION

About the Department

The Department was started in 1963 with M.Ed. regular course. M.Ed. (Evening) Course for in-service teachers 1969, M.A. (Education) (1979), M.Phil. (Education) (1979); M.Ed. (Guidance and Counselling) (1991) and M.Ed. (Educational Technology) (1991) were added. The Department runs a Ph.D. program. The Pre-Ph.D. course in Education is conducted for Research Scholars. Presently M.Ed. (Evening) and M.Phil. (Edu.) programs are not being conducted. The Department has been awarded Special Assistance Program (DRS) by U.G.C. w.e.f. from 1-4-95 : First Phase : 1-4-95 to 31-3-2000, Second Phase : 1-4-2001 to 31-3-2006 and Third phase 1-4-2007 to 31-3-2012. The department has been running a students Exchange program with Simon Fraser University, Burnaby, Canada since 2005-2006.

Faculty

Professors	: Raj K. Gupta	Malvinder Ahuja	H.S. Bajwa
Associate Professors	: Nandita Shukla (<i>Chairperson</i>)	Vandana Mehra	Sukhwant Bajwa
		Kirandeep Singh	
Assistant Professors	: Latika Sharma	Kuldeep Kaur	

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Ed. (General)	35+4NRI	1 year	B.Ed. with 55% marks (50% for S.C./S.T. Candidates)+OCET
M.Ed. (Guidance & Counselling)	35	1 year	-do-
M.Ed. (Educational Technology)	35	1 year	-do-
M.A. (Education)	25	2 years	Bachelor's degree
Pre-Ph.D. Course	-	6 months	UGC-JRF/NET. Ph.D. Entrance
Ph.D.	Subject to availability	5 years	Master's degree + Entrance Test conducted by the University or UGC-NET cleared.

INSTITUTE OF EDUCATIONAL TECHNOLOGY AND VOCATIONAL EDUCATION

About the Institute

The Institute started in July 2007 as a collaborative effort of Department of Education, Centre for Adult and Continuing Education and Extension and Regional Resource Centre, Panjab University, Chandigarh. A four year integrated course of B.A. Hons. (Education)-B.Ed. is offered in the Institute with an annual intake of 50 students.

Faculty

Professors	: Raj Kumari Gupta (<i>Chief Coordinator</i>)	Sween (<i>Coordinator</i>)	
Assistant Professors	: Prabha Vig Kanwalpreet Kaur Manoj Kumar Thakur	Navleen Ruhita Malhotra	Anuradha Sharma Sumita Vig
Guest Faculty	: Faculty from the constituent and other Allied Departments of Panjab University.		

Course Offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
*B.A. Hons. (Edu.) B.Ed.	50	4 years	Eligibility–50% in 12th Class from any Board/ University (45% for SC/ST) Qualifying marks for Entrance Test 40% Weightage for Entrance 40% Weightage for Interview 10% Weightage for merit in 12th 50%

I. Course Highlights for first six Semesters :

- A. Two Foundation Courses in Education in each semester (compulsory for all)
- B. Two Compulsory Papers of B.A. viz English and Punjabi (or HCP) in each semester
- C. Two optional papers out of English (Elective), Punjabi (Elective), Hindi, Political Science, Economics, Sociology, Mathematics, Geography and History
- D. General Practicum
 - (a) School related practicum
 - (b) Life Skills Training
 - (c) Tutorials

II. Four theory courses in education and Methodology of Teaching subjects in VII Semester.

III. An internship of two months, a Computer Course, tasks related to internship in Eighth Semester.

Twenty to Forty percent of Academic Transactions are done through Team/Individual projects, assignment, presentations in all the papers. Improving communication skills of students is out of the main thrust of Academic Transactions.

DEPARTMENT OF PHYSICAL EDUCATION

About the Department

The Department was established in 1963 and has emerged as one of the premier centres of Physical Education in India. It has acquired a pre-eminent status in the country and has earned several distinctions during its existence.

The Department is planning to create data-bank of all current and previous activities related to physical education and sports in order to promote research in the field and provide a platform for organizing professional seminars/conferences/workshops and clinics. It proposes to implement the policies and projects related to physical education and sports started by various international bodies such as International Olympic Committee, International professional bodies of Physical Education and Sports by coordinating with them. Projects on the longitudinal study will be undertaken on health related fitness with the help of other departments of the University.

Faculty

Professor	:	G.S. Brar		
Associate Professor (Coaching)	:	Gurmeet Singh (Chairperson)	Dalwinder Singh	M.S. Dalal (Re-employed)
Assistant Professor	:	Raj Kumar	Thingnam Nandalal Singh	

*Admissions subject to approval of NCTE.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.P.Ed.	34+2NRI	1 year	<p>Bachelor's Degree in Physical Education with fifty percent marks from Panjab University.</p> <p>OR</p> <p>Bachelor's Degree with Physical Education as an elective subject with fifty percent marks of another University recognized by the Panjab University</p> <p>OR</p> <p>Bachelor's Degree in Physical Education with forty five percent marks or Bachelors Degree with Physical Education as an elective subject with forty five percent marks and participation in National/All India Inter-university/Inter-university competitions in sports recognized by AIU or IOA.</p> <p>OR</p> <p>For deputed (in-service candidates i.e. trained physical education teachers/coaches) Graduate with forty five percent marks, and at least three years of teaching experience.</p> <p>Provided that the candidate admitted under above clauses qualifies in the Standard Physical Efficiency Test, as defined by the Syndicate, at the time of Admission to this course and participation in atleast one game/sports at inter-college level.</p> <p>The reservation in seats and relaxation in the qualifying marks for SC/ST/BC and other categories shall be as per the rules of the Central Government/ State Government, whichever is applicable.</p>
M.P.Ed.	28+2NRI	2 years	<p>(a) Candidate who have obtained at least fifty five percent marks in the B.P.Ed. degree/or B.Sc. degree in Physical Education, Health Education and Sports from Panjab University are eligible for admission.</p> <p>(b) Bachelor's Degree of Physical Education (after Graduation)/Post-Graduate Diploma in Physical Education of another University recognized by Panjab University obtaining not less than 55% marks.</p>

- (c) A Bachelor of Physical Education (Four Years Degree after 10+2) of any other University recognised by Panjab University obtaining not less than 55% marks.
- (d) Any other qualification recognized by the Syndicate as equivalent to (a), (b) or (c).

Provided that the candidate admitted under any of the clauses (a) to (d) qualifies in the Standard Physical Efficiency Test.

The reservation in seats and relaxation in the qualifying marks for SC/ST/BC and other categories shall be as per the rules of the Central Government/ State Government, whichever is applicable.

M.Phil.	10	1 year	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3–5 years	See General Important Guidelines.
D.Litt.	Subject to availability	3–5 years	As per UGC regulations/Norms.

- Notes :** (i) Admission to B.P.Ed. and M.P. Ed. will be on the basis of Entrance Test (OCET).
(ii) Additional Sports weightage will be provided as per clause 18.2 of Handbook of Information, 2011.

DEPARTMENT OF COMMUNITY EDUCATION & DISABILITY STUDIES

(Near Boys Hostel No.-7)

About the Department :

The Department was established in the year 2007. It offers Master’s course in Community Education and Development & B.Ed Special Education (Specialization in Learning Disability). The Admission in these courses is open to all the students from all streams.

Faculty :

Manjeet Paintal (Chairperson)	Ashwani Sharma	Navleen Kaur	Anuradha Sharma
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Courses Offered :

COURSES	SEATS	DURATION	ELIGIBILITY/CRITERIA
MA (Comm. Edu. & Dev.)	25	2 years	Graduation in any Discipline with 50% marks (45% in case of ST/SC)

B.Ed Special Edu. (with specialization In Learning Disability)	25	1 year	Graduation in any Discipline with 50% marks (45% in case of ST/SC)
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Admission will be done as per reservation policy of the University.

MA : COMMUNITY EDUCATION & DEVELOPMENT

Objectives of the course :

Community Education is an interdisciplinary course which would enable the students to understand the issue pertaining to the community development at the national as well as the global level. The basic idea behind this course is to make the students aware about the different facets of community life, theoretically as well as practically. Community Education and Development as an independent discipline evolves from the realms of education and social science that caters to the socially marginalized, poor deprived and disadvantaged sections through experts trained for the purpose. Imparting training and building human resources is the need of the hour for the over all development of the society by having partnership with state, civil society and NGOs etc in an effort to bring all sections of society under the umbrella of community education and development.

Within this perspective the department undertakes two year Masters Degree course in Community Education and Development which includes Education, Practice and Community for preparing the students to work with individuals, institutions state government, multinational companies, groups in different community setting. The vision of the course lies in the ethos of community learning, concerns and context. It is intended to develop potential among the takers of this course to get employment in educational institutions as counselors, facilitators in government and non-government organizations, public health educators, advocacy, human rights and institutions devoted to the upliftment of the community.

SEMESTER-WISE COURSE CONTENT

SEMESTER I

- I. Community Structure and Development
- II. Community Organization and Practice
- III. Indian Social Structure
- IV. Empowerment of Community –Different Perspectives
 - **Project Work /Community Work/Field Work**

SEMESTER II

- I. Community Social Psychology
- II. Human Rights and Duties
- III. Panchayati Raj System in India
- IV. Human Resource Development and Training
 - **Project Work /Community Work/Field Work**

SEMESTER III

- I. Conflict Resolution
 - II. Research Methodology
 - III. Community Counseling
 - IV. Education and Life Long Learning
- **Project Work /Community Work /Field Work**

SEMESTER IV

- I. Rural Development and Entrepreneurship
 - II. Urbanization and Slums
 - III. Population and Health Education
 - IV. Environment Education and Disaster Management
- **Project Work /Community Work /Field Work**

B.Ed. Special Education (Specialization in Learning Disability)

COURSE OBJECTIVES :

The course is designed to enable the pupil teachers:

1. To acquire knowledge about change in the prevailing and emerging Indian Society in view of recent trends in education and its national goals.
2. To develop skills and competence to cater to the needs of children with Learning Disabilities and other special needs.
3. To Coordinate and collaborate with parents, family, doctors and community in general to help children with Learning Disabilities to become productive and useful members of society.
4. To equip them with various techniques of inclusive teaching and evaluation in special education.

SEMESTER –I

Theory

Paper- I	Education in India: A Global Perspective
Paper- II	Educational Psychology and Persons with Disabilities
Paper-III	Nature and Needs of Various Disabilities
Paper IV	Teaching of Language and Social Studies

OR

Teaching of Science and Mathematics

Practicum

Sr.No.	ITEMS
1(a)	Practice Teaching (Eight Lesson Plans)
1(b)	Practice Teaching (Two Discussion Lessons)
2.	Preparation of Two Teaching Learning Aids (with file)
3.	Black Board Writing Skills (with file)
4.	One Case Study (on any Disability)
5.	Visits and Report Writing (Two)
6.	Psychological Tests (Five)
7.	Identification of Children with Special Needs

SEMESTER-II**Theory**

Paper –I	Learning Disability
Paper-II	Assessment of Children With Learning Disabilities
Paper III	Intervention And Remediation in Learning Disabilities
Paper IV	Educational Planning and Management Curriculum Designing and Research

Practicum

Sr. No.	ITEMS
1 (a)	Practice Teaching (Eighteen Lesson Plans: Learning disability)
1	
(b)	Practice Teaching (Two Remedial Lessons for Assessment)
2.	Administration of four Standardized Tests (L.D.)
3.	Preparation of Teaching Learning Aids (Two)
4.	Development and Administration of Teacher Made Tests
5.	Curriculum Adaptation (LD)
6.	One Case study with Individualized Educational Programme

3. SCHOOL OF FINE ARTS & PERFORMING ARTS

DEPARTMENT OF ARTS HISTORY AND VISUAL ARTS

About the Department

The Department of Arts History and Visual Arts was established in 1962. The Department has made significant contributions in the field of art history in a regular academic curriculum.

Teaching in the department is carried out through audio visual materials like slides, film shows, demonstration by artists etc. In the library of the department, there are more than 15,000 slides of which the most important part is that of the slides acquired from the American Committee of South Asian Art (ACSAA), U.S.A.

The Museum of Fine Arts was opened in 1968. Significant collection of contemporary Indian Art with practically every Indian painter, sculptor and print maker are represented in it. A regular programme of exhibitions alongwith demonstrations and learned lectures has made the museum a singular focus of art activity in the region.

Faculty

Associate Professor : **Rajinder Bhandari**
(Chairperson) (on leave)

Assistant Professors : Tirthankar Bhattacharya Jagtej Grewal Sheetal Rana

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A. (History of Art)	29	2 years (4 Semesters)	As prescribed in Section 7.1 of Rules for Admissions + Aptitude Test at Departmental Level
Certificate Course in Art Appreciation	30	August to March	+2+Aptitude Test at Departmental Level + Academic Weightage
Ph.D.	Subject to availability	3-4 years	See General Important Guidelines.

Thrust Area

History of Indian Art and Architecture : Traditional and Contemporary.

DEPARTMENT OF INDIAN THEATRE

About the Department

The Department was set up in 1972 and has earned a place of pride on the National Theatre Scene during 37 years of its existence, on the Panjab University Campus. Theatre personalities from all over India and Foreign countries have been visiting the Department for interaction with the faculty and students.

The Department has produced more than 80 productions of plays ranging from Classical to Modern and Traditional to Experimental. The Alumni of this Department have made their name at the highest level in the field of Theatre, T.V., Films and other cultural bodies.

Department offers merit scholarships to students. The Department has its own Library, Balwant Gargi Open-air-Theatre and a Studio Theatre for overall training of the students in acting and back stage work. The Deptt. also produces an Annual play for an invited audience.

The Course provides full time training in the theoretical and practical aspects of theatre, Acting, Movement, Voice Production Speech, Singing, Improvisation, Theatre-games, Yoga, Mime, Text-study, Character-building, Stage-craft, Use and Control of Imagination. Representative plays from India and Western dramatic literature and the history of theatre are dealt with in considerable detail. Theory and practical lessons in Stage-craft including Make-up, Mask-making, Lighting, Set and Costume designing form an important part of training. The knowledge of regional theatre-forms and their creative application in the modern context is emphasized.

Faculty

Chairperson : D.U.I. (**Acting**)
 Professor : Mahendra Kumar (*Re-employed*)
 Assistant : Neelam Man Singh Chowdhary Navdeep Kaur
 Professors (*Re-employed*)
 Stage Craft Teacher : Shveta

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	23	2 years	(i) Graduation from any recognised University with aptitude for Theatre. (ii) Written & Performance Test for admission to M.A. I.
Ph.D.	Subject to availability	3-4 years	See General University Guidelines.

DEPARTMENT OF MUSIC

About the Department

The Department of Music was established in 1987. It provides intensive and full time training in theoretical and practical music in Vocal and Instrumental.

Faculty

Professors : Saroj Ghosh **Pankaj Mala Sharma**
 (*Chairperson*)
 Associate : Arvind Kumar Sharma Neelam Paul
 Professors

Courses offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A. (Vocal)	17	2 years (Semester System)	B.A. with Music or Teacher in Music in a recognized Higher Secondary School or Affiliated College–Aptitude Test at Departmental Level.
M.A. (Instrumental)	17	2 years (Semester System)	B.A. with Music or Teacher in Music in a recognized Higher Secondary School or Affiliated College–Aptitude Test at Departmental Level.

(Annual system is for private & College students only)

M.A Music (Vocal) Semester-II

- Paper-I : Theoretical Survey, Principle of Aesthetics and Critical Study of Ragas
Paper-II : History of Indian Music
Paper-III : Stage Performance
Paper-IV : Viva-Voce (Practical Test)

M.A Music (Vocal) Semester-III

- Paper-I : Scientific Study of Indian Music
Paper-II : Study of ragas and Talas
Paper-III : Stage performance
Paper-IV : Viva-Voce (Practical Test)

M.A Music (Vocal) Semester-IV

- Paper-I : Methodology of research and Study of Lakshan
Paper-II : Music education and principle of Stage performance
Paper-III : Stage Performance (Practical)
Paper-IV : Viva-Voce (Practical Test)

Research Facility

The department offers facilities of departmental library and infrastructure to regular research scholars for their research leading to Ph.D. degree in various aspects of Music and Musicology. The department offer facilities for inter disciplinary research also.

Workshops and Seminars

The department organizes workshops and seminars to expose the students to various innovations, new trends and emerging areas in the respective fields.

Public Performances

Students get opportunities to participate in public performances and conferences at regional and national levels. Students are given opportunity to perform in the University Functions namely Republic Day celebrations, Independence Day celebration and Convocation etc.

Scholarships

Some merit scholarships are offered to the students of M.A., M.Phil. & Ph.D. Special Scholarships for S. C. candidates, poverty and deserving candidates.

Awards

1. Pt. Dr. Lal Mani Mishra award to the topper of M.A. II (Instrumental) Music
2. Pt. Tejpal Singh Bandu award to the topper of University M.A. II Music (Vocal)

UNIVERSITY INSTITUTE OF FASHION TECHNOLOGY AND VOCATIONAL DEVELOPMENT

About the Institute

University Institute of Fashion Technology and Vocational Development is an in –Campus Institute, established by the Panjab University, Chandigarh in 2007 as a commitment to carry forward its goal of providing trained professionals for the fast growing Fashion, Apparel and Textile Industry in the region in particular and the country in general.

UIFT & VD presently offers a prestigious Five Year Integrated B.Sc and M.Sc Degree in Fashion and Lifestyle Technology. The Program laid out in semester system focuses on self sustaining education and training.

First three years of the course comprise of Foundation and Core Studies of which sixth semester entails Industrial Training with an option for an Industry/Design Project. The students will be awarded a B.Sc. Degree in Fashion & Lifestyle Technology at this stage.

Two years spent in M.Sc. Fashion & Lifestyle Technology have the students undergo extensive specialized project based study related to organizing and management of a Fashion and Lifestyle enterprise. Design Collection/Research Project/Craft based Project is a part of the Post Graduation Program.

Lateral entry in the M.Sc. course is permitted if there are any seats left vacant due to dropping out of students after attaining B.Sc. Degree.

Highly trained and experienced faculty is involved in giving intensive theoretical and practical inputs and the students are being assisted in task based studies to develop their skills to face the challenging requirements of the Fashion Industry.

To move into the global main stream of intense economic competition and reckoning with requirements of India's fashion industry in totality, the Department is liaising with fashion related organizations for training of the students to help them to develop skills in handling latest technology. Regular interaction with design studios, production and distribution centers community projects, retail establishments and industry forms a vital bridge between University institute of Fashion Technology and the world.

UIFT is in the process of setting up its “intelligent building” complete with laboratories, an amphitheater and resource center outfitted with state of the art equipment for hand on experience of the students. The vision is to create the finest institution in the country in all aspects and terms.

Faculty

Professor : **Sween**
(Co-ordinator)

Assistant Professors : Rita Kant Prabhdeep Brar Anu H. Gupta

(Guest Faculty) : Archana Hardeep Singh Vijay Chopra
Sumita Sikka G.C. Chauhan

Course Offered : 5 Year Integrated B.Sc. & M.Sc. in Fashion & Life style Technology.

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
5 Year Integrated B.Sc. & M.Sc. in Fashion & Lifestyle Technology	46+6NRI	3+2 years	10+2 from CBSE or any other equivalent board with 50% marks in aggregate (45% marks in case of SC/ST) +Aptitude Test.

Note : Preference is given to candidates who have undergone vocational education in Fashion Design/ Textile Design or studied Fine Art subject/Subjects, at or after 10+2 from any recognized/approved Board. Merit is given to each of the preferred stream subjects.

Aptitude test

1. An aptitude test to assess the skill of candidates in free hand drawing, 3D sketching, designing and general ability is taken.
2. Communication skills are tested through an interview.
3. Distribution of marks for the aptitude test, interview and academics is as follows :

Academics	–	20%
Preference Criteria	–	10%
Aptitude & Objective Test	–	60%
Interview	–	10%

Rule for admission to M.Sc. in Fashion & Lifestyle Technology, lateral entry as under :

1. Lateral entry to M.Sc. in Fashion and Lifestyle Technology will be permitted if there is any seat vacant due to dropping out of any student/students of B.Sc. in Fashion and Lifestyle Technology of University Institute of Fashion Technology, Panjab University, Chandigarh.
2. A person, who has passed B.Sc. (Fashion Designing) examination with at least 50% marks in the aggregate from Panjab University, Chandigarh or an examination from any other University recognized as equivalent thereto, shall be eligible for entrance examination for lateral entry into the course.
3. Entrance test and Interview will be held to assess the skill of the students seeking admission as lateral entry candidates. (Not applicable for the students of the B.Sc. Fashion and Lifestyle Technology, Panjab University).
4. Distribution of marks for preparation of merit of lateral entry candidates shall be as under :
 - (a) Weightage to Qualifying Examinations : 30%
 - (b) Weightage to Entrance Test : 50%
 - (c) Weightage to Interview : 20%
5. Students seeking lateral entry shall be to score atleast 60% marks in the entrance test to be eligible for admission.

4. SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF CHEMISTRY

About the Department

Founded by Dr. S.S. Bhatnagar at Lahore in 1925, the department of Chemistry is one of the prestigious department of Panjab University. It has on its faculty highly competent members whose work has been internationally recognized. Several faculty members are recipients of awards and honours, such as Shanti Swarup Bhatnagar, Jawaharlal Nehru Fellowship, Raman and Palit awards. Many faculty members are bestowed with F.N.A., F.A.Sc., F.N.A.Sc. The department has been selected by the UGC first for COSIST and Special Assistance Programme (SAP) and it is the Centre for Advanced Studies in Chemistry (CAS) for the last 16 years. The Department of Science and Technology (DST), Government of India has accorded it the status of "DST-FIST Supported Department". The department has stimulating undergraduate and postgraduate teaching programmes. Frequent symposia, summer institutes, refresher and orientation courses have been organized for the benefit of University, College and School teachers and talented students. The department has good instrumental facilities and its library is perhaps one of the best in Northern India with its excellent collection of books, research journals and monographs. The department is well-known for its research activities and has very well equipped research laboratories.

Faculty

Professors	: S.S. Bari (<i>Re-employed</i>) P. Venugopalan	Paramjit Singh (<i>Chairperson</i>) Alok Srivastava	S.K. Mehta
Associate Professors	: Sukhjinder Singh	Kamal Nain Singh	
Assistant Professors	: Gurjaspreet Singh Sonal Singhal	Ganga Ram Chaudhary Vikas	Amarjit Kaur Neetu Gupta
UGC Research Scientist 'C'	: J.S. Brar		
Prof. Emeritus	: O.P. Vig Gurdev Singh	S.V. Kessar D.S. Gill	D.V.S. Jain
Prof. Re-employed	: S.P. Jauhar Raj Pal Sharma	Pratibha Kapoor K.K. Bhasin	Neelam Seedhar

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.)	58+8NRI	3 years	Common Entrance Test
M.Sc. (H.S.)	15+2NRI	2 years	(a) B.Sc. (Hons. School) student of P.U. All students after passing B.Sc. (H.S.) in Chemistry of P.U. or (b) Admission based on Entrance Test (O-CET) for B.Sc. (Pass or Hons.) examination with 50% marks from P.U. or any other University recognized as equivalent thereto with Chemistry & Maths, as elective subject at B.Sc. level or Chemistry with B.Sc. (Medical Group).
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

Regarding details of course of study and their structure under Semester System, the syllabus published by the University notified by the department may be consulted.

Thrust Areas

- (a) Inorganic/organometallic chemistry and its applications to nanotechnology
- (b) Synthetic Organic and Green Chemistry
- (c) Colloidal, Biophysical and Theoretical Chemistry

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

About the Department

The Computer Culture at the Panjab University dates back to 1966. An independent Centre for Computer Science and Applications (now a full fledged department) was set-up in 1983. The Department aims at ingraining the spirit of ingenuity, innovativeness and technical competence in the students through rigorous competition and regular guidance. The department also caters to the need of users in the region and organizes training programs for teaching and research communities.

Panjab University has been identified as a Level-III National High Performance Computing Centre under the ICOSER project of TIFAC, Department of Science and Technology. It is among the Seven such Centres being set up around the country and is the only one in Northern India. The Department of Computer Science and Applications is hosting facilities like Web Server, E-mail Server, Domain Name Servers and Proxy Servers for Panjab University. Wide Area Network connectivity is also provided 2 Mbps through ERNET and 12 Mbps through Reliance Infrastructure.

Faculty

Professors	:	R. K. Singla	M. Syamala Devi
Associate Professor	:	Indu Chhabra (<i>Chairperson</i>)	
Assistant Professors	:	Anu Gupta	Sonal Chawla
Director	:	Tankeshwar Kumar	
System Manager	:	Ajay Guleria	Neelam Verma Gurdeep Singh
System Programmers/ Programmers	:	Mamta Gupta Arvind Syal	Mamta Nishi
Senior Technical Officer	:	S. K. Mahindru	
Technical Officers	:	Amit Malhotra	Binh

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.) Computer Science			The admission of B.Sc. (H.S.) Computer Science First Year since session 2008-2009 be kept in abeyance till further order.
M.Sc. (H.S.) Computer Science	11+2NRI	2 years (Semester System)	BCA/B.Sc. (H.S.) Computer Science/B.Tech./ B.E. (Computer Science/Engineering) or any other examination recognized as equivalent with 50% marks thereto. Admission based on Common Entrance Test (O-CET).
M.C.A.	34+2*+(5NRI)	3 years (Semester system)	The minimum qualification for admission to the first year of the course shall :
M.C.A. (Evening Self-financing Course)	46+2*+(6NRI)	3 years (Semester system)	<ul style="list-style-type: none"> (i) A recognized first degree of minimum three year's duration in any discipline with at least 50% marks and with Mathematics at 10+2 or at graduation level (all three years). <li style="text-align: center;">Or (ii) B.C.A. from Panjab University with 50% marks. <li style="text-align: center;">Or (iii) Any examination recognized by the Panjab University, Chandigarh as equivalent to any of the above examination (i) or (ii). <p>The admission is based on Entrance Test (O-CET) conducted by Panjab University, Chandigarh.</p>

Broucher & Placement of MCA & M.Sc. (HS) Students will be combined.

Thrust Areas

The students at the Department have the unique opportunity of working in various development environments like MS-DOS, LINUX, MS Windows, Sun Solaris and HP-Unix. The students also have the opportunity to use Internet development tools among other Visual and Non-Visual ones. They can also perform parallel programming using multiprocessor machines.

*For candidates who have studied computer as one of the subjects for three years/or subject as a full course at the under graduate level.

**DEPARTMENT OF GEOLOGY
AND
CENTRE OF ADVANCED STUDY IN GEOLOGY
(COSIST DEPARTMENT)**

About the Department

Established in 1958 by Late Prof. M.R. Sahni the department was upgraded to the status of Centre of Advanced Study in 1963-64 in Himalayan Geology and Paleontology. In 1986 it received COSIST Grants for improvement in infrastructure facilities in the Thrust areas of Geochemistry and Exploration Geology. In recent years of research and teaching, Environmental Geology, Quaternary Geology & Hydrogeology were included in the thrust areas. The Department has been allocated Rs. 90 lacs. under the FIST Programme of the DST in 2003. In 2006 the Deptt. has received Rs. 98.25 lacs under CAS scheme of the UGC.

It is only the Advanced Centre in the Country under the Special Assistance Programme of the UGC. The Department has a large collection of fossils, rocks and minerals housed in its Museum. Under the FIST programme of DST the department have a new SEM for research apart from funds for Networking and a Jaw Crusher to upgrade its infrastructure facilities. The department has 11 (eleven) (registered/enrolled) research students on its rolls.

Faculty

Professors :	G. S. Gill (Chairman) Naresh Tuli	Naval Kishore Sharma	R.S. Loyal
Associate Professor :	Naveen Chaudhri		
Assistant Professors :	Ashu Khosla	Parampreet Kaur	Gurmeet Kaur
Re-employed Professors :	K.P. Singh	A.D. Ahluwalia	Veena Dadwal

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S)	30+4NRI	3 years	Marks in Common Entrance Test & admissible weightage.

Note : A candidate admitted to the course may opt for any two of the following subsidiary subjects :
Mathematics, Physics, Chemistry, Botany, Zoology, Statistics and Anthropology.

M.Sc. (H.S.)	29+4NRI	2 years	(a) B.Sc. (Hons. School) students of Geology P.U. (b) For vacant seats-purely on merit i.e. B.Sc. 3 years course with Geology as one of the subjects, 50% marks in B.Sc & 50% marks in subject of Geology in B.Sc.
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Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.) in Mathematics	25+4NRI	3 years	50 % marks (45% marks in case of SC/ST) in 10+2 with Maths in any stream, Score in the subject of only Mathematics in Common Entrance Test Plus admissible weightage
B.Sc. (H.S) in Mathematics & Computing	15+2NRI	3 years	–do–
M.Sc. (H.S.) in Mathematics	(i) 40+5NRI	2 years	B.Sc. (Hons. School) in Mathematics or B.Sc. (Hons. School) in Math & Computing from the Department of Mathematics, P.U., Chandigarh
	(ii) 30+5NRI	2 years	B.A./B.Sc. (General) with 50% marks (45% marks in case of SC/ST) in Mathematics as a major subject OR B.A./B.Sc. with Hons. 50% marks (45% marks in case of SC/ST) in Mathematics of P.U. or any other Univ. recognized by P.U. as equivalent thereto.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

The admission will be based on Entrance Test to be conducted by Panjab University. The weightage of marks obtained in Entrance Test and in the last qualifying Examination will be 50 : 50.

Scholarships for Students

Dr. V.C. Dumir Scholarship for excellence in Mathematics is available for meritorious students of M.Sc. (H.S.) 1st year on the following terms and conditions :

1. The amount of scholarship would be Rs. 1000/- per month for 10 months every year.
2. The scholarship be awarded to a meritorious student of M.Sc. (Honours School) 1st Year studying in the Department of Mathematics, Panjab University, Chandigarh and would be continued to that student for M.Sc. (Honours School) 2nd Year after examining his/her performance.
3. If that student is found to be ineligible to continue the scholarship in 2nd Year, it will be awarded to another deserving student of M.Sc. (Honours School) 2nd Year.

Smt. Balwant Kaur and Shri Dhanpat Roy Bahl Scholarship of the value of Rs.1400 per annum is available for meritorious and deserving post graduate student of the Department of Mathematics. Professor Hans Raj Memorial Scholarship of the value of Rs.1500/- per annum is available for meritorious student of B.Sc. (H.S) First Year.

P.C. Wadhwa Scholarship for a student of M.Sc. (H.S.) Mathematics-Part-II on the following terms and conditions :

1. The amount of scholarship would be @ Rs. 500/- per month for 10 months every year.
2. Secures atleast 60% marks in M.Sc. Part-I examination; and
3. Is NEEDY in view of the FINANCIAL POSITION of the FAMILY he comes from as determined by the University Authorities.

DEPARTMENT OF PHYSICS

About The Department

The Department of Physics was established in 1947, in Govt. College, Hoshiarpur (Pb.). In August 1958, the Department was shifted to the present campus.

The Department received grants under the UGC COSIP (College Science Improvement Programme) from 1977-83, SAP (Special Assistance Programme) from 1980-88 and COSIST (Committee on Strengthening of Infrastructure in Science and Technology) from 1984-91. Since 1988, it has been accorded the status of a Centre of Advanced Study (CAS) by UGC with three major thrust areas : Particle Physics, Nuclear Physics and Solid State Physics - a unique achievement. At present the department has the strength of 27 faculty members, two Emeritus Professors, two Emeritus Fellows, Ramanna Fellow and 46 assisting staff. There are about 75 research students and about 235 B.Sc. (Hons. School), M.Sc. (Hons. School), Post M.Sc. Course in Accelerator Physics and M.Sc. Medical Physics students on the rolls of the department. Department has also started two self-financed courses from 2008-2009. B.Sc. (H.S.) Physics-Electronics; M.Sc. (H.S.) Physics-Electronics. About 300 B.Sc. (Hons. School) students of other departments study Physics as a subsidiary subject.

The faculty members have been honoured with Meghnad Saha Award, Goyal Prize (Kurukshetra University), Sir C.V. Raman Award, Hari Om Trust Award, Mercator Professorship, Homi Bhaba Fellowship, Emeritus Scientistships, Ramanna Fellowship, S. N. Satya Murthi Young Scientist Award and DAE Young Scientist Award. They have been elected for Indian Academy of Sciences fellowship, Joliot Curie fellowship, Alexander V on Humboldt fellowships, DFG (German Research Society) Fellowship, UNESCO/IAEA Fellowship, WE-Heraeus Fellowship, Heinrich Hertz Foundation fellowship, Fulbright fellowship, Commonwealth fellowship, Third World Academy of Sciences fellowships and UGC National Lecturer Fellowship awards. The Department had the honour of having Professor Yash Pal, former UGC Chairman on its faculty. Professor K.N. Pathak, was Vice-Chancellor, Panjab University, Chandigarh from July, 2000 to July, 2006 and Prof. S. Prakash, Vice Chancellor, Jivaji University, Gwalior from Feb., 2001 to Nov., 2006.

The Department is having research collaboration with institutions like, Royal Military College of Canada, Canada; University of Notre Dame, USA; Fermilab., USA; CERN, Geneva; Bonn University Germany; Chemistry Deptt., City College of New York (CUNY), New York; KEK, Japan; ICTP, Trieste;

Univ. of Illinois, USA; BNL, USA; Univ. of Leipzig, Germany; SUBATECH, Nantes, France; Instt. fur Theoretische Physics, Tubingen, Germany; Instt. of Nuclear Studies, Warsaw University, Poland; Univ. of Milano, Italy; INFN, Legnaro National Laboratory, Italy; DESY, Germany; J.L. Univ., Germany; J.W. Goethe Univ., Frankfurt, Germany; Instt. of Nucl. Physics, Strasbourg, France; University of Surrey, Gilford, U.K.; University of Hawaii, Cincinnati; Virginia Tech., Princeton University; VECC, Kolkata; TIFR, Mumbai; IIT, Kanpur; Delhi University, Delhi; Mumbai University, Mumbai; I.O.P., Bhubaneshwar; BARC, Mumbai; SINP, Kolkata; Karnataka Univ., Dharwad; UGC-DAECSR, Kolkata; IUAC, New Delhi; H.P. University, Shimla; T.B.R.L., P.G.I.M.E.R., C.S.I.O., Chandigarh, etc. The department has MOU with IUAC, New Delhi for joint faculty appointment and to various academic exchange programs related to Accelerat based research.

Funds to the tune of Rs. 2.10 Crores for infrastructure development have been sanctioned by the Department of Science and Technology **under FIST (April 2008 to March 2013)** to upgrade teaching and research facility in the Physics Department, Panjab University, Chandigarh. UGC sanctioned 97.50 Lakh under CAS-IV Phase (2008-2013). (30+30+20 Lakh) grant received from UGC under Impowerment of Infrastructure facilities during (2007-2009) period.

The Department of Science & Technology has given technical approval for funding the proposal for establishing Panjab University Accelerator Science Centre (5 MV Tendetron) at P.U., Chandigarh amounting to Rs. 67.5 crore.

Research Facilities

Facilities exist in the Department for research in Nuclear Physics, Photon-Atom Interaction Studies, Particle Physics, Solid State/Condensed Matter Physics, Mass Spectrometry and Geochronology, Laser Spectroscopy and Theoretical Physics, leading to the Ph.D. degree for which at least three years of research work is required after the M.Sc. degree.

Moreover, the department has started two new M.Sc. courses in Nuclear Medicine and Medical Physics jointly with Departments of Bio-physics and Nuclear Medicine and Radiation Therapy, Post Graduate Institute of Medical Education and Research, Chandigarh from the academic session, 2007-08.

Major facilities available in the Department are as follows :

(i) Cyclotron, (ii) High Energy Physics (Experimental set up) for studies connected with Collider Physics at CERN and Fermilab, (iii) Mass Spectrometer, (iv) Equipment for study of electrical properties of semi-conductors, fabrication of thin films, (v) Vacuum Grating Spectrograph; high power Nd. YAG laser etc., (vi) Several Nuclear Spectrometers incorporating detectors like Ge(Li), Na(Ti), Ba F, Si(Li), HPGe etc. and modern electronics, (vii) Analysis set up of Ultra relativistic heavy Ions in CERN, (viii) Computational facilities for theoretical studies for modelling physical problems including simulations, (ix) Energy dispersive X-ray fluorescence spectrometers using radioactive exciter sources and X-ray tube for material analysis, (x) Facilities for PAC/PAD studies of Hyperfine Interactions, STM.

The department houses IAPT office and actively leads in IAPT, IPA activities.

An 11 inch Telescope is to be installed soon in the department as a part of Teaching Program.

Faculty

Professors	: M.M. Gupta Manjit Kaur Keya Dharamvir Devinder Mehta	C.S. Aulakh (Chairperson) M.M. Aggarwal A.K. Bhati	J.B. Singh V.P. Singh K.P. Singh
Associate Professors	: Navdeep Goyal C. Nagaraja Kumar	R.K. Puri S.K. Tripathi	G.S.S. Saini Sandeep Sahijpal
Assistant Professors	: K.S. Bindra Vipin Bhatnagar B.R. Behera Manish Dev Rajesh Kumar	Ranjan Kumar Ashok Kumar Kuldeep Kumar Neeru Chaudhary	J.S. Shahi Sunita Srivastava Bimal Rai Simarjit Sihotra
Emeritus Professors	: H.S. Hans	K.N. Pathak	Nirmal Singh
Emeritus Scientists	: K.N. Pathak	Nirmal Singh	V.K. Jindal
Fellows	: Raj K. Gupta (DST)	J.M. Kohli (GRID)	Satya Prakash (UGC)
Re-employed	: Suman Bala		
Guest Faculty	: Gulzar Singh		

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.)	46+6NRI	3 years	(i) 10+2 Non-Medical/Medical with 50% marks (45% marks in case of ST/ST). (ii) Common Entrance Test plus admissible weightages.
B.Sc. (H.S.) Physics & Electronics	23	3 years	Admission based on Merit.
M.Sc. (H.S.)	(i) All students after passing B.Sc. (H.S.) in Physics of P.U. (ii) 46+6NRI	2 years	B.Sc. (Pass or Hons.) examination with 50% marks (45% marks in case of SC/ST) of P.U. or any other exam. recognised as equivalent thereto with Physics and Maths as elective subjects and Entrance Test conducted by P.U.

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc. (H.S.) Physics & Electronics	(i) All students after passing (ii) 23+3 NRI	B.Sc. (H.S.) in Physics Electron of P.U. 2 years	Admission based on Merit. B.Sc. (Pass or Hons.) examination with 50% marks (45% marks in case of SC/ST) of P.U. or any other exam. recognised as equivalent thereto with Physics and Maths as elective subjects or B.Sc. (Electronics).
Post M.Sc. Course in Accelerator Physics	11	1 year	On merit basis, as per eligibility i.e. Master degree in Science of P.U. in Physics/Applied Physics or Any other examination recognized by P.U. as equivalent to the above exam.
M.Phil.	15	1 year	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

Regarding details of courses of study and their structure under annual/semester system, the syllabus published by the University/notified by the Department may be consulted.

Thrust Areas

Nuclear Physics (Expt.), Nuclear Physics (Theory), Particle Physics (Expt.), Particle Physics (Theory), Condensed Matter Physics (Expt.), Condensed Matter Physics (Theory).

UNIVERSITY INSTITUTE FOR EMERGING AREAS IN SCIENCE & TECHNOLOGY

Centre For Public Health

About the Centre

Panjab University is running a Master Program in Public Health since the year 2007 under IEAST to cater with the emerging needs of the country to produce trained manpower for handling public health issues.

COURSE : Master in Public Health

Duration	:	2 Years (4 Semesters)
No. of Seats	:	17+5 in-service* + 2 NRI
Eligibility	:	Bachelor's Degree in any discipline with atleast 50% marks from recognized University/Institute.

Admission and Scheme of Entrance Test

The admission will take place on the basis of merit drawn through an entrance test. The entrance test will comprise 75 questions on basic and current awareness in environment science, social science, health science and 25 questions on biological science. So there will be 100 multiple choice questions to be attempted in 90 minutes. There will be negative marking as per CET rules.

*In case of non-availability of in-service candidates the seats will be converted into general category.

Faculty

Prof. Vijay Lakshmi Sharma
(Coordinator)

Dr. Jayanti Dutta
(Co-Coordinator)

Dr. Manoj Kumar
(Assistant Professor Contractual)

Dr. S. Balakrishan
(Assistant Professor Temp.)

The course being interdisciplinary in nature is being run with help of faculty from several departments of the University and the other institutes.

Fee Structure	:	Open	:	Rs. 20,000/- Each Semester
		In-service	:	Rs. 30,000/- Each Semester
		NRI	:	US\$ 1500/- Each Semester

Form Submission : Centre for Public Health , 1st Floor Regional Resource Centre Building, Panjab University, Chandigarh.

CENTRE FOR MEDICAL PHYSICS

About the Centre

Medical Physics is an established clinical speciality with wide ranging application in Radiotherapy Planning and treatment. It can be defined as embracing all applications of radioactive sources in the treatment of cancerous and non cancerous disease. The student of Medical Physics also gains knowledge about different equipments use in Radiotherapy planning and treatment and their quality assurances. There is ample scope of research in area of medical physics, the student will also be imparted to training and teach. Therefore, Medical Physics syllabus has been prepared in such a way that it will make the student a good clinical physicist, researcher and a teacher after qualifying this course.

As this is a specialized branch of medicine and is multidisciplinary in nature, it requires skilled / trained manpower.

Aims and Objectives

The postgraduate training program is aimed at developing skilled technical manpower in Medical Physics. They should be able to demonstrate high standards of professional skills, competence/leadership qualities.

Faculty : Professor : A. K. Bhati (Co-ordinator)
Assistant Professor : Vivek Kumar

Duration of Course

The M.Sc. Medical Physics shall be of two years duration followed by one year Internship programme. The students shall undergo one year internship in the Radiation Therapy Department of PGIMER (Chandigarh) and dissertation should be submitted in that year instead of second year.

No. of Seats

General seats	=	8
NRI	=	02
Total seats	=	10

Admission Criteria

Eligibility/Qualification:

Admission to M.Sc. Course in Medical Physics will be B.Sc. first class with Physics as one of the core subject from a recognized University.

Admission :

Admission will be made on the basis of O-CET-2011. The entrance test paper will be the same as that for the admission to M.Sc. (H.S.) in Physics. While deciding the final merit of the entrance test, a weightage shall be given to the B.Sc. marks obtained by the candidate, as per university rules.

Syllabus

The broad outlines of the course are annexed and had been prepared keeping in view the guidelines/requirements of AERB, BARC, Mumbai.

Teaching and Training

The Panjab University departments (Departments of Physics & Biophysics) and the Department of Radiotherapy of PGIMER shall impart the teaching and training to the students jointly. However, few other departments of these Institutes may also be involved in this teaching programme.

First year of the teaching/training will be mainly in the Panjab University in the departments of Physics & Biophysics.

Second year of the teaching and the clinical training shall be mainly in the Department of Radiotherapy at PGIMER, Chandigarh.

Dissertation

Every student shall be allotted a project under a supervisor during internship in the beginning of the third year and will be carried out in the Radiotherapy Department of PGIMER, Chandigarh.

Assessment and Evaluation

In addition to regular internal assessment, theory and practical examinations will be held at the end of first and second semesters of each year.

Award of M.Sc. Degree

The candidates shall have to obtain a minimum of 50% marks in aggregate in theory and 50% marks in aggregate in practicals for the award of M.Sc degree in Medical Physics. The Panjab University, Chandigarh shall award the final degree.

Presently the Centre for Medical Physics is located in the Department of Physics.

NANO-SCIENCE & NANO-TECHNOLOGY

About the Course

The M.Tech. programme in Nano-Science & Nano-Technology was started in the academic session 2005-06 in the University Centre for Instrumentation Micro-electronics (UCIM). In July 2008, the course was placed under the newly formed Centre for Emerging Areas in Science & Technology (CEAST) of the Panjab University. Currently it is Centre for Nanoscience & Nano-technology, under UIEAST. Since then, the Department of Physics has been running it. The course is interdisciplinary in nature and involves the faculty members of several Departments and Institutes of the University, as well as some from the Central Scientific Instrument Organization (CSIO) Chandigarh. The final-year students do their projects in collaboration with industry and reputed laboratories and institutions. The passing out students have found excellent employment/research positions.

Facilities

Specialised instruments for the course are available at the UCIM, Physics Department and other laboratories in various departments of the University.

Faculty :

Course Coordinator : Prof. M.M. Gupta, Department of Physics

Co-coordinator : Er. Gaurav Verma, UICET

Assistant Professor : Dr. Navneet Kaur, Centre for Nanoscience & Nanotechnology

Guest Faculty : Expert faculty from other departments of Uni. are part of this centre.

COURSE	SEATS	DURATION
M.Tech. Nano-Science & Nano-Technology	10+3 SC/ST+ 2 NRI	2 years (4 Semesters)

Eligibility Conditions

Bachelor's degree (4-years after 10+2) in Engineering/Technology, i.e. B.E./B.Tech. (in any Branch).

Or

Master's degree in Physics/Chemistry/Biophysics/Biochemistry/Microbiology/Biotechnology/
Nano Science/Electronics with minimum 50% marks in the aggregate.

Admission will be made on the basis of OCET-2011.

Admission and Scheme of Entrance Test

Admission will be made on the basis of marks in the eligibility exam and an entrance test. The duration of the Entrance Test will be 1 hour and 30 minutes. The question paper will consist of 75 multiple choice type questions. The syllabus for this test constitutes the fundamentals of Physics, Chemistry, Mathematics, Biology and Computer applications. The level of the examination will be that of entrance test to undergraduate courses of the University in these subjects.

CENTRE FOR STEM CELL & TISSUE ENGINEERING

About the Centre

The centre offers Two Years (four semester) M.Sc. degree course in Stem Cell & Tissue Engineering. This course was started in 2008 and is intended for graduate students interested in pursuing their careers in the field of stem cell biology. This course will cover the most current knowledge of the principles of stem cell biology, tissue engineering, developmental biology, molecular signaling, genomic, epigenesis non-genomic regulatory pathways, together with immunology, genetics, human anatomy & physiology. The course curriculum has been designed to provide strong emphasis on experimental training to the students. During the first three semesters students will be imparted strong theoretical and practical trainings. In the fourth semester students will be trained to handle the research work related to the field. They will also be trained to write the projects, make presentations in the form of seminars and journal clubs along with the training in the research methodologies. A continuous evaluation will be mandatory for this course. An open system of evaluation both in theory and practical examination will be followed. The centre is located at Pharmacy extension block IInd floor.

Faculty

Course Chairman

Dr. R.C. Sobti
Vice-Chancellor, Panjab University,
Professor, Department of Biotechnology

Course Co-ordinator

Dr. Sanjeev Puri
Associate Professor, Biotechnology
UIET, spuri1111@yahoo.com; 0-9872580078

Dr. Seemha Rai
Assistant Professor

Guest Faculty

Prof. V.L. Sharma (Zoology Deptt.)
Prof. Neelam Marwaha (Department of Blood Transfusion, P.G.I., Chandigarh)
Dr. Vivekanand Jha (Nephrology, P.G.I., Chandigarh)
Prof. S. Kanwar (Biotechnology, Shimla)
Dr. Parikshit Bansal (NIPER, Mohali)
Dr. S. Bapat (NCCS, Pune)
Dr. Abha Seth, Dr. Harvansh Singh Judge Institute of Dental College and Hospital, Panjab University, Chandigarh

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc.	17	2 years	Students who have passed B.Sc. Medical Sciences/Life Sciences with 50% marks are eligible to apply. Selection shall be based on Departmental entrance test, The test will have 100 multiple choice questions related to the Biotechnology, genetics, immunology, Biochemistry, Zoology of B.Sc. level.

CENTRE FOR MICROBIAL BIOTECHNOLOGY

About the Centre

Keeping in view the enormous importance of microbes in the field of Biotechnology, a new Centre, Centre for Microbial Biotechnology has been started under the University Institute of Emerging Areas in Science and Technology (UIEAST) in the CIL building (top floor) of P.U., Chandigarh. The course is targeted to generate active Industry-Academia Interaction and the syllabus has been designed with active inputs from Biotech industries and scientists of international repute. The course has 20 seats and comprises of four semesters. First three semesters are dedicated to theory and practicals. The fourth semester comprises of a research project, course on research methodology and seminars. For details please consult P.U. website (www.puchd.ac.in). The faculty is very active in research and has collaborations with other institutes and has been awarded patents. This course also envisages to have international collaborations in the area of teaching and research and will organize a national/international conference/seminar/symposium/workshop every year so as to expose the students to the latest developments in the field of Microbial Biotechnology. The students are encouraged to participate in Biotechnology related activities in and around Chandigarh. The course received tremendous response from the students in all the three years.

Professor : **Rupinder Tewari**
(Coordinator)

Assistant Professor : Dr. Rohit Sharma
Dr. Monika Sharma (on contract)

Thrust areas

- (a) Extremozymes
- (b) Drug targeting
- (c) Biosensors

COURSE	NO. OF SEATS	DURATION
M.Sc.	20+2NRI	2 years

Eligibility Conditions

B.Sc./B.Tech./B.E. in any field of Biological Sciences with minimum 50% marks and must have qualified Microbiology as one of the subjects in any of the year during his/her B.Sc./B.Tech./B.E. level. Detail Marks Card must mention Microbiology as one of the subjects.

Mode of admission

O-CET Entrance Test (50%) + Total aggregate of marks obtained at B.Sc./B.Tech/B.E. level (50%).

Fee Structure

Tuition fee Rs. 20,000 per semester + Laboratory charges Rs. 15,000 per semester + other university charges.

Scheme of test

The question paper will be based on the fundamentals of Microbiology and Biotechnology taught at undergraduate level. It will consist of 75 Objective type questions (Multiple Choice with four responses i.e. A,B,C and D) carrying a total of 75 marks. The question paper will be of 1 hour and 30 minutes duration.

Criteria for admission to Ph.D.

Admission for Ph.D. will be through Ph.D. entrance test conducted by the Panjab University, Chandigarh.

CENTRE FOR NUCLEAR MEDICINE

About the Centre

Nuclear medicine is the medical specialty concerned with the use of safe and small amounts of radioactive materials for diagnostic, therapeutic, and research purposes. More specifically, nuclear medicine is a part of molecular imaging because it produces images which reflect biological processes that take place at the cellular and subcellular levels. A typical nuclear medicine study involves the administration of a radionuclide into the body in order to obtain images of the organs, to perform various body function studies and to treat diseases. Most of the radionuclides used for diagnostic studies emit gamma rays, while the cell-damaging properties of beta particles are used in therapeutic applications. Radionuclides for use in nuclear medicine are derived either from nuclear reactors which produce radioisotopes with longer half-lives, or from cyclotrons/generators which produce radioisotopes with shorter half-lives.

Radioisotopes/Radiopharmaceuticals have affinities for specific organs, bones, or tissues and emit gamma rays that can be detected externally by scintillation cameras. Images are created by computers and provide data and information about the areas of the body being viewed.

Nuclear medicine imaging techniques combine the use of radioactive substances, detectors, and computers to provide functional images inside the human body by using advanced techniques like Positron Emission Tomography (PET) and Single Photon Emission Computed Tomography (SPECT). Nuclear medicine imaging is useful for detecting tumors, irregular or inadequate blood flow to various tissues, blood cell disorders and inadequate functioning of organs. During diagnostic procedures, the patient experiences little or no discomfort and the radiation dose delivered is very small.

Nuclear medicine technical experts are highly skilled individuals and their responsibilities include performing *in vivo*, radiation safety and quality control procedures. Other responsibilities which include operating the cameras that create images including patient positioning and processing the data for research purposes. The discipline of nuclear medicine also produces dedicated scientists who develop radiopharmaceuticals/radioisotopes for the imaging/therapies of organs.

Faculty

Professor : D.K. Dhawan
(Coordinator)

Assistant : Vijayta D. Chadha
Professor

COURSE	SEATS	DURATION	ELIGIBILITY/QUALIFICATION
M.Sc.	8+2NRI	2 years	B.Sc. (Pass or Honours) from a recognized University having at least 50% marks in the aggregate from Panjab University or from any other University recognized by the Syndicate or equivalent there to with Physics and Chemistry or

Chemistry and Biology as core subjects, Candidates having recognized B.Sc. (Pass or Honours) at least 50% marks in the aggregate in Nuclear Medicine/ Radiation Sciences Biophysics and Pharmacy will also be eligible.

ADMISSION

Admission to M.Sc. course in Nuclear Medicine will be through O-CET to be conducted by the Panjab University. The candidate should have passed the graduation (B.Sc.) from a recognized university/ institute with at least 50% marks. While deciding the final merit of the entrance test, a weightage shall be given to the B.Sc. marks obtained by the candidate, as per the University rules. The cut off percentage marks secured in the entrance test will also be as per the University rules.

Presently the Department is located in the Department of Bio-physics.

CENTRE FOR SYSTEM BIOLOGY & BIOINFORMATICS

About the Centre

The emerging field of computational and systems biology represents an integration of concepts and ideas from the biological sciences, engineering disciplines, and computer science. Systems modeling and design are well established in engineering disciplines but are relatively new to biology. Advances in computational and systems biology require multidisciplinary teams with skill in applying principles and tools from engineering and computer science to solve problems in biology and medicine.

The curriculum of the 2 year M.Sc. course of System Biology and Bioinformatics has a strong emphasis on foundational material to encourage students to become creators of future tools and technologies, rather than merely practitioners of current approaches. Areas of active research in this field include computational biology and bioinformatics, gene and protein networks, molecular biophysics, instrumentation engineering, cell and tissue engineering, predictive toxicology and metabolic engineering, imaging and image informatics, nanobiology and microsystems, biological design and synthetic biology, neurosystems biology and cancer biology.

Faculty

Coordinator

Dr. Suresh K. Sharma (*Associate Professor*)
Department of Statistics

Dr. Tammanna R. Sahrawat (*Assistant Professor*)
Centre for System Biology and Bioinformatics

Mr. Ashok Kumar (*Assistant Professor*)
Centre for System Biology and Bioinformatics

Course Offered

Course	Seats	Duration
M.Sc.	13+2 (NRI)	2 years (Semester System)

Eligibility Criteria

Eligibility for entrance test (OCET)

B.Sc. (Hons. School) in Biochemistry/Biophysics/Biotechnology/Zoology

OR

B.Sc./B.Sc. (Hons. School) in Bioinformatics/Biotechnology

OR

B.Sc. with Bioinformatics/Biotechnology as one of the subjects

Mode of Admission

Entrance Test (50%) plus academic merit at graduation level (50%).

Presently the Centre is located at BMS Block II (Pharmacy Extension Block) 2nd Floor, Panjab University Campus.

CENTRE FOR PETROLEUM AND APPLIED GEOLOGY

About the Centre

M.Sc. Petroleum course was started in the academic session of 2009-2010 at the Centre of Advance Study in Geology, Panjab University. In July, 2010, this course was shifted to the newly created Centre for Petroleum and Applied Geology (U.I.E.A.S.T.). This job oriented course was initiated in order to meet the increasing demands of the Petroleum Industry and academic institutions. The centre is committed to impart specialized teaching, laboratory and field based training to geology students. In order to realize the vision, the faculty at the Centre in collaboration with scientists from Oil and Natural Gas Corporation Ltd., Delta Studies Institute, Andhra University and Directorate General of Hydrocarbon aims to produce professional graduates and Ph.Ds.

Syllabus

The main objective of the first semester syllabus is to teach the students the fundamental aspects of various disciplines of geology, such as stratigraphy and micropalaeontology, which have a direct relevance in petroleum exploration and development. A great deal of emphasis has also been laid on the geological structures and sedimentary environments in this semester. In the second semester, various

techniques in petroleum exploration and development with special emphasis on geo-physics and geo-chemical exploration are taught. This is followed by an introduction to the study of reservoirs. In the third semester, the students are exposed to the topic of reservoirs, well site techniques, production, economics, policy and management, in greater detail. They are also taught about the alternative sources of fuel in this semester. In the final semester the students are expected to undergo placement and attachment training at various oil companies, carry out project work and finally submit their reports.

Faculty

Dr. Rajeev Patnaik (*Associate Professor and Coordinator*)

Dr. B.P. Singh (*Assistant Professor on Contract*)

Name of the Course : Masters of Science (Honours) Petroleum Geology

Duration : 2 yers (Semester system)

Seats : 15

Eligibility : Bachelors degree in Geology from recognized University/Institute with at least 60% marks.

Admission and Scheme of the Entrance Test

The admission will take place as per the O-CET norms, i.e. on the basis of merit drawn through an entrance test (50%) + total aggregate of marks obtained at the B.Sc. level (50%). Entrance test will be conducted by the Centre, will be of 90 minutes and will consist of 75 objective type questions (multiple choice) carrying a total marks of 75. Negative marking will be adopted i.e., 1/4 th of the marks of the question will be deducted for each wrong answer.

Name of the Course : Ph.D.

Duration : 3-5 years

Seats : Subject to availability

Eligibility : UGC/CSIR (NET) and GATE

DEPARTMENT OF STATISTICS **(DST-FIST Sponsored Department)**

About the Department

The Department of Statistics was established in 1966 as a part of Mathematics Department and since 1974 it has been an independent Department.

The Department offers M.Sc., M.Phil. and Ph.D. Courses in Statistics. The Department is also upgraded to Department of Special Assistance-II for a period of five years (1-4-2010 to 31-03-2015), and is among one of the active departments in the country carrying out research in the fields of Reliability Theory and Survival Analysis, Multiple Comparison Procedures, Bio-Statistics, Econometrics and Applied Statistics.

Since March 2000, the Department has been identified by the Department of Science and Technology (Government of India) under FIST Programme, keeping in view the research and teaching activities of the Department. The Department has well equipped Computer lab and students are given training on Statistical packages like MINITAB, SPSS, SYSTAT, R, S-PLUS, STATGRAPHICS and SAS. Eminent Statisticians from abroad and within country keep visiting the Department frequently for research collaboration. The faculty members are attending National and International conferences. Interaction with neighbouring industries in the field of process control and with institutes like PGIMER, GMCH, NIPER, IMTECH, etc. for providing consultation to medical doctors and researchers, is another highlight of the Department of Statistics.

Faculty

Professors	:	Kalpana K. Mahajan (Chairperson) Sangeeta Arora	Amar Nath Gill	Kanchan Jain
Associate Professor	:	Narinder Kumar	Suresh K. Sharma	
Assistant Professor	:	Manoj Kumar		
Programmer	:	Harminder Singh Deosi		

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc.	34+5 NRI	2 years (Semester System)	At least 50% Marks in B.A./B.Sc. and atleast 45% marks in Stats/Maths during 3 years of B.A./B.Sc. programme.
M.Phil.	10	1 year	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

M.Sc. (2–years programme) Under Semester System

Course No.	Title	Credits
Semester I		
Stat-101	Linear Algebra	4
Stat-102	Distribution Theory	6
Stat-103	Statistical Methods with Packages (Theory 2/3, Practical 1/3)	6
Stat-104	Course Selected from module/from Peer Department Or Distant Peer Departments	4

Course No.	Title	Credits
Semester II		
Stat-201	Numerical Analysis And FORTRAN (Theory 3/4, Practical 1/4)	4
Stat-202	Estimation and Testing of Hypotheses (Theory 2/3, Practical 1/3)	6
Stat-203	Sampling Theory and official Statistics (Theory 3/4, Practical 1/4)	4
Stat-204	Course selected from module/from Peer Department Or Distant Peer Departments	4
Semester III		
Stat-301	Nonparametric Inference (Theory 2/3, Practical 1/3)	6
Stat-302	Statistical Process and Quality Control. (Theory 2/3, Practical 1/3)	6
Stat-303	Linear Inference (Theory 2/3, Practical 1/3)	6
Stat-304	Course Selected from module/from Peer Department Or Distant Peer Departments	4
Semester IV		
Stat-401	Multivariate Analysis (Theory 2/3, Practical 1/3)	6
Stat-402	Design and Analysis of Experiments (Theory 2/3, Practical 1/3)	6
Stat-403	Course selected from module	4
Stat-404	Course Selected from module/from Peer Department Or Distant Peer Departments	4
MODULE		
M 1	Actuarial Statistics	4
M 2	Categorical Data Analysis	4
M 3	Econometrics	4
M 4	Economic Statistics	4
M 5	Advanced Inference	6
M 6	Measure and Probability Theory	4
M 7	Operations Research	4
M 8	Real and Complex Analysis	4
M 9	Reliability	4
M 10	Simultaneous Inference	4
M 11	Statistical Simulation and Computation	4
M 12	Stochastic Processes	4
M 13	Survival Analysis	4

Any other course which the Board of Control may decide to offer.

Notes :

1. The Board of Control shall decide which papers from the selected module shall be offered in M.Sc. (Statistics)
2. A student shall be required to earn a total of 80 credits to become eligible for the award of M.Sc. (Statistics) degree.
3. A student shall be required to take three core courses in each semester. The composition, duration and the general style of the theory papers in the final examination in each semester will be decided upon by the Board of Control.
4. The mode of conduct of theory/practical examinations in each semester will be decided upon by the Board of Control.
5. In the final examination of the course, which is divided into theory and practical parts, the distribution of the weightage for the practical part will be as follows :

(a) Practical questions	(3/5)
(b) Viva-voce	(1/5)
(c) Record of practical	(1/5)
6. The practical marks in course Stat-201 : Numerical Analysis and FORTRAN and M-11 Statistical Simulation and Computation will be based entirely on Internal Assessment.
7. In the final examination of the course, which is divided into theory and practical parts, the theory and practical Papers will be treated as independent units for passing in a paper.
8. Evaluation to the extent of 20% of the theory marks in each course will be based on Internal Assessment. Mode of Internal Assessment will be decided by the Board of Control.

Practical and Computer Training Courses

Besides adequate library facilities, the Department also has a well-equipped Computer Laboratory. In the Computer Laboratory there are P-IV Computers, Scanner, Laser and Dot-matrix Printers. Internet facility is available. Students are encouraged to do their practicals using statistical packages like MINITAB, SPSS, SYSTAT, SAS, S-PLUS and MATHEMATICA, SHA ZAM, BMDP and STATGRAPHICS. Some computer-based courses in M.Sc (Statistics) are taught through rigorous training on computers using Fortran and C/C++ languages.

Major Thrust Areas :

- (i) Reliability Theory and Survival Analysis; (ii) Multiple Comparison Procedures (iii) Bio-statistics; (iv) Econometrics and (v) Applied Statistics.

5. SCHOOL OF BASIC BIOLOGICAL SCIENCES

DEPARTMENT OF ANTHROPOLOGY

About the Department

The Department was established in 1960. During the last four decades, the department has not only grown in terms of personnel, equipment, laboratories and library, it has contributed significantly to the furtherance of anthropological teaching and research in the country.

Infrastructure and Laboratories facilities for teaching and research are available in Anthropology, Osteology, Serology and Bio-chemical Anthropology, Palaeoanthropology and Prehistoric Archaeology, Dermatoglyphics, Radiology, Photographic and Sound Recording and Computer. The unique 'Museum of Man' in the Department has a Gallery of Fossil Apes, Primates and Man which includes life-size models, and an Ethnographic Gallery which includes items of material culture. The Dewan Bahadur Wali Ram Taneja Gold Medal is awarded annually to the student who stands first with a first division in M.Sc. (H.S.) from the year 2006, Prof. (Dr.) S.R.K. Chopra Memorial Scholarship has been instituted and is awarded to the students who tops B.Sc. (H.S.). Fieldwork is organized by the Department where students are given instructions in the field and research methods and based on empirical work they write dissertations. The department was recognized as one of the centres under U.G.C. Programme of Special Assistance and Departmental Research Support in 1988, this programme is extended upto 2009. The department has also been selected for support under UGC assistance for strengthening of the infrastructure of the Humanities & Social Science (ASIHSS) Programme in Anthropology for a period of five years i.e. 1-4-2005 – 31-3-2010. From 2010-11, the department has been granted FIST–DST and is also a UGC Centre for Advanced Studies in Anthropology. "An oration of award in the name of Prof. S.R.K. Chopra has been instituted".

Faculty

Professors	: K.D. Sharma (<i>Chairperson</i>) Shalina Mehta	A.K. Sinha	Rajan Gaur	R.K. Pathak
Re-employed Professors	: B.G. Banerjee	R.N. Vashisht		
Re-employed Associate Professor	: C.J. Edwin			
Associate Professor	: Abhik Ghosh			
Assistant Professor	: Kewal Krishan			
Assistant Professor-cum-Curator	: Gayatri Pathamanathan			

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.)	30+4 NRI	3 years	Common Entrance Test
M.Sc. (H.S.)	23+3 NRI	2 years	(i) B.Sc. (Hons. School) Anthropology or equivalent Exam. (ii) B.A./B.Sc. exam. of P.U. or any other exam. recognized by P.U., as equivalent thereto.

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Diploma in Forensic Science & Criminology	20+2*	1 year	(a) Bachelor's Degree of P.U. Subject to having +2 with Science or any equivalent exam. or (b) an examination of any other University recognized by Syndicate as equivalent to (a) above.

Note : Under the rules of the University, no student can enroll himself/ herself for more than one full-time course at the University at the same time.

Ph.D.	Subject to availability	3-5 years	Through P.U. Entrance Test (See General Important Notes)
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Thrust Areas

Thrust areas of research include :

- I. Ecological anthropology
- II. Palaeoanthropological investigators in the Shivaliks.
- III. Biosocial aspects of Health, Human Growth and Development.

DEPARTMENT OF BOTANY

About the Department

The Department of Botany, Panjab University was established in 1919 at Lahore. It shifted to Chandigarh in 1960 from Khalsa College, Amritsar where it had been housed temporarily after partition of the country. The department has grown into a well recognized centre for higher learning and research in structural, functional and evolutionary aspects of plants. In fact, this is the only Botany Department in the country, which has the necessary expertise to attend to all plant groups. The DST-FIST and UGC-SAP sponsored programme to the Department of Botany, over the years has grown into a well-recognized centre for higher learning and research. Some of the major areas of research are : taxonomy, morphology, improvement and propagation of economically important plants, ecology of invasive alien Plants, Physiological upgradation of harvest index of some important crops; stress biology of legumes; identification of eco-friendly herbicides and pesticides; mushroom cultivation; evaluation and conservation of plant biodiversity; and importance of microbes in human welfare. In addition to teaching through modern techniques, seminars, symposia, workshops, invited lectures and Botanical excursions are an integral part of academic programme. The department has a well-stocked Library with nearly 6,600 books and over 60 regular scientific journals. The department also houses an internationally recognized Herbarium (abbreviated as PAN) and a Museum. The P.N. Mehra Botanical Garden, spread over 16 acres of land is one of the better-known botanical gardens attached to any University of the country. The department has been sanctioned grants under Special Assistance Programme UGC-SAP (DRS) (5 years from April 1, 2007 to March 31, 2012). Additionally, the UGC sanctions funds for infrastructural development to the Department from time to time. Besides this many projects are funded by DST, DOEN, UGC, CSIR and a multinational company].

*For inservice Govt. sponsored police personnel.

Faculty

Professors	:	R.K. Kohli (<i>Chairperson</i>) Promila Pathak	A.S. Ahluwalia Harsh Nayyar	Daizy Rani Sunita Kapila	C. Nirmala I.B. Prasher
Associate Professors	:	Richa Puri	Anju Rao	Neera Garg	
Assistant Professors	:	Kamaljit Singh	M.C. Sidhu	A.N. Singh	
Re-employed Teacher	:	G.K. Malik			
Professors Emeritus	:	S.S. Kumar	S.P. Viji	M.L. Sharma	S.C. Verma

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA	FEES
B.Sc. (H.S.)	29+4NRI	3 years	Common Entrance Test after 10+2.	
M.Sc. (H.S.)	29+4NRI	2 years	(a) B.Sc. (Hons. School) or (b) 50% marks in B.Sc. (Pass or Hons.) exam. of the P.U. or any other exam. recognised by P.U. as equivalent thereto with Botany as one of the elective subjects + Common Entrance Test.	
M.Phil.	15	1 year	See General Important Guidelines at page iii.	
Diploma Course in Landscape, Gardening, Mushroom and <i>Spirulina</i> Cultivation.	35	3 months	10+2	Fee Rs. 2500/-
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.	

For the degree of Doctor of Philosophy (Ph.D.) research scholars are primarily those who have cleared NET/CSIR/GATE National Level Tests. The criteria and procedure of selecting research scholars is that they are usually selected directly by the sponsors (UGC/CSIR etc.). The UGC has sanctioned 10 Research fellowships to the Department under its BRS Scheme. The department also has post-doctoral fellows sponsored by the U.G.C., D.B.T., D.S.T. etc.

Scholarships

The students are also eligible for merit scholarships offered by various agencies. These include National Merit Scholarship, Merit Scholarships of the Governments of U.T. Chandigarh, Punjab and Haryana, Panjab University, D.S.W. Scholarship (Need and Need-cum-merit), Financial Assistance to the SC/ST students, Endowment scholarships and the Vice-Chancellor's stipend.

Thrust Areas

Taxonomy, Morphology, Physiology, Cytology, Plant Biotechnology, Environment Sciences, Plant Biochemistry and Ecology.

DEPARTMENT OF ZOOLOGY

About the Department

Department of Zoology was established at Lahore in 1902 and later on shifted first to Hoshiarpur after the partition of country & then to Chandigarh in July 1960. It is one of the oldest departments of Panjab University. It has highly qualified faculty. The faculty uses latest modes of imparting education to the students. Department organizes talks, seminars, symposia, workshops, field trips and other extra curricular activities to inculcate the interest of Zoology and for overall development of the young students.

The Department, on the basis of its academic and research merit, was adopted by the U.G.C. under its SPECIAL ASSISTANCE PROGRAMME in 1985 in 5 thrust areas namely Cell & Animal Physiology, Aquatic Biology, Cytogenetics, Entomology and Parasitology and COSIST PROGRAMME in 1995. Presently the department has been upgraded to the level of Centre of Advanced Studies (CAS) from April 2007-April 2012 under the thrust area of Biodiversity, Cell and Molecular Biology with a grant of Rs. 78.25 lakhs with recurring and non-recurring funds. The U.G.C. has also provided grants to the Department of Zoology to the tune of Rs. 40 lakhs for improvement of infrastructure.

The Department is running research projects funded by agencies like DST, UGC, CSIR, ICMR and “Ministry of Environment”. Department has a Central laboratory well equipped with sophisticated scientific instruments and audio-visual aids.

The Department has a Computer room with fairly good number of computers for staff and students to avail the facilities of Internet, typing and printing. The Department Library is stocked with highly informative text and reference books and several series of national and international Journals. Recent books and periodicals are regularly added. The Department Museum comprising two sections - Invertebrates and Chordates with very well represented national and regional collection of animals is one of the best in the region/country. The Department is maintaining an Apiary of European honeybees, *Apis mellifera* which serves as a model to acquaint and encourage the students towards self-employment potential of Applied Zoology. The Department arranges Educational-cum-Marine trip every year for B.Sc. (H.S.) final year students in order to acquaint them with the habitat and distribution of fauna in sea and the coastal areas.

The department has an Alumni Association and a Zoological Society. The faculty and students are members of the society which caters to academic and extra-curricular needs by organising seminars, paper readings, cultural programmes and short educational tours.

Faculty

Professors	:	Neelima R. Kumar (<i>Chairperson</i>) Sukhbir Kaur	R. Jindal V.K. Walia	V.Lakshmi
Assistant Professors	:	Upma Bagai	Yogesh Rawal	
UGC Emeritus Fellow	:	M.S. Johal		

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA	FEES
B.Sc. (H.S.)	34+5 NRI	3 years	Common Entrance Test + admissible weightage.	
M.Sc. (H.S.)	14+2 NRI	2 years	(a) B.Sc. (Pass or Hons.) with 50% marks (45% marks in case of SC/ST) in the examination of the P.U. or any other exam. recognized by P.U. as equivalent thereto with Zoology as one of the elective subject. (b) Entrance Test + admissible weightage.	
M.Phil.	10	1 year	See General Important Guidelines at page iii.	
Ph.D.	Subject to availability	3-5 years	See General Guidelines.	
D.Sc.	„	6 years	After M.Sc. degree.	

INSTITUTE OF FORENSIC SCIENCE & CRIMINOLOGY**About the Institute**

The application of science to the law and exploring the body of knowledge regarding delinquency and crime as social phenomena is what comprise the Institute of Forensic Science & Criminology (IFSC). The institute has been incepted by Panjab University from session 2009-2010.

Forensic Science is the diverse collection of scientific techniques. In practice, forensic science is built upon the principles dragged from physics, chemistry, biology, anthropology and other scientific principles and methods. In earlier times real 'forensic science' has been assigned to the real science of fingerprints, firearms, tool-marks and questioned documents etc. However, although many of the techniques used in modern forensic sciences have been borrowed from other sciences, it is also true that in recent years, it had matured into a scientific discipline in its own right.

Criminology is the development of a body of general and verified principles and of other types of knowledge regarding the process of law, crime and reaction to crime. Criminology is aimed principally at elucidating the connection between crime and the personal characteristics of the offender or his environment, with special reference to the origin of the offence.

The Institute of Forensic Science and Criminology provide a M.Sc. degree to the students covering the realm of forensic sciences and criminology with a desire to put it to maximum use in detecting, investigating and ultimately reducing the crime. Offshoot aim is utilizing scientific power in producing 'scientific workforce' to meet the needs of highly technical personnel to serve the society in an effective and efficient way.

Module

The subject is designed to introduce the concepts, disciplines and principles of the forensic sciences in their application to modern forensics. Topics include the history of forensic science, an overview of the commonly utilized scientific disciplines (e.g. forensic biology, odontology, anthropology, toxicology, chemistry, psychology, document examination, ballistics, computer forensic, Voice, image & video analysis and crime scene management etc.), the use and implications of forensic databases, ethical issues and legislation, the skills involved in scientific analysis (observation, interpretation, record keeping, report writing, expert testimony), accreditation procedures and quality assurance.

Scope

There are enough scope for career growth in government and Private Sector in India and abroad. The main employment generating areas of students of forensic sciences in government sector are Law enforcing agencies such as NIA (National Investigation Agency), CBI (Center Bureau of Investigation), IB (Intelligence Bureau), central/state police departments, CFSL (Centre Forensic Science Laboratory), SFSL (State Forensic Science Laboratory), Hospitals, Banks, Universities, Defence/Army, Quality Control Bureau, Narcotics Department, judicial services, forest and wild life departments etc., and in the private sectors are security agencies, Banks, multinationals, Detective Agencies, Media, Insurance Companies consultants in industry & free lance consultants/private practitioner, Law Firms and Hospitals etc.

In addition to the above medical examiner, crime laboratory analyst, fraud Examiner, Environment Analyst, crime scene examiners, Forensic Psychologist, Genetics Experts, forensic engineers are the job prospects in abroad. Forensic Scientists also work for making psychological profiles of offenders by analyzing the crime scene and the crimes committed.

Faculty

Professor : R.K. Pathak
(Coordinator)

Assistant Professor : Shweta Vishal Sharma

Guest Faculty

Guest Faculty is drawn from the following institutes :

- Central Forensic Science Laboratories
- State Forensic Science Laboratories
- Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh
- Government Medical College & Hospital (GMCH), Chandigarh
- Panjab University; Department of Law, Statistics, Psychology, Anthropology, Zoology & Biotechnology.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc.	20 *(including One Seat for “inservice candidate”)	2 years (4 Semesters)	B.Sc./B.Sc. Honours degree in Forensic Science, or B.Sc./B.Sc. Honours degree in any stream of Science of Panjab University. Admission will be based on the basis of marks in the qualifying examination.

*In case of non availability of in service candidate the seat will be converted into general category.

Ph.D.	Subject to availability	3-5 years	Candidates with M.Sc. in Forensic Science/any other allied discipline who have cleared the all India level test such as UGC/CSIR or ICMR etc. or the Ph.D. entrance examination in the subject of Forensic Science/any other allied discipline conducted by Panjab University are eligible to be enrolled for Ph.D.
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Collaboration

Memorandum of Understanding (MoU)

Memorandum of Understanding was signed between Directorate of Forensic Science, Ministry of Home Affairs, Govt. of India and Panjab University for mutually providing and sharing human resources and infrastructure facilities in teaching and research programmes.

Major Strengths

- Real time exposure of the students of the forensic case work.
- Training at CFSLs/SFSLs/CBI.

6. SCHOOL OF MEDICAL & BIOMEDICAL SCIENCES

DEPARTMENT OF BIOCHEMISTRY

About the Department

The Department of Biochemistry was started in 1962 and has since grown steadily and is now recognized as an important centre of research and teaching in the country. Our research-oriented Department provides many opportunities for prospective students who can acquire thorough training and degree in contemporary Biochemistry through our diverse programs such as B.Sc. (Hons. Sch.) and M.Sc. (Hons. Sch.) and Ph.D. programs. Our Department attracts among the very best students and provides an excellent foundation for future professional and research career.

The Department's research focus is primarily on areas such as Medical, Nutritional Biochemistry & Molecular Biology, Medicinal Biochemistry, Environmental Toxicology, Cancer Biology and Microbial Biochemistry. The Department is in a GROWTH and BUILDING phase, with induction of new faculty, recognition for Funding under FIST program of Department of Science & Technology, Government of India and has purchased new & sophisticated instruments such as Perkin Elmer Lambda-35, Bio-Rad Smartspec™ plus UV-VIS Spectrophotometer, Genway UV-VIS Spectrophotometers, Scintillation Counter, high speed Centrifuges, UV-VIS Spectrophotometers, Ultra filtration unit, PCR thermocycler, Gel.Doc. Lyophilizer, Spectrofluorophotometer HPLC and Ultra Centrifuge for enhancing research facilities.

The opportunities for Ph.D. are varied and designed to provide solid training as an independent research scientist both in an academic and industrial settings. Admissions leading to the Ph.D. degree are administered through Panjab University Ph.D. Entrance Test held every year, however students having cleared NET (UGC-CSIR), ICMR-JRF test are admitted directly in the Ph.D. program. Many of our alumni are occupying important positions in USA and other developed countries in both industry and academics.

Faculty

Professors	: S. Ojha	S. K. Singla (Chairperson)	
Associate Professors	: Rajat Sandhir	S.C. Sharma	Archana Bhatnagar
Assistant Professors	: Navneet Agnihotri	Dipti Sareen	
Emeritus Fellow	: Akhtar Mahmood		

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.)	30+4NRI	3 years	Through C.E.T. and as per University rules.
M.Sc. (H.S.)*	29+4NRI	2 years	(a) B.Sc. (Hons. School) Biochemistry or its equivalent exam. (b) 50% marks in B.Sc. (Pass or Hons.) exam. of the P.U. or any other exam. recognised by P.U. as equivalent thereto with Biochemistry as one of the elective subjects + Common Entrance Test.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

*After admitting all the ongoing students of B.Sc. (H.S.) 3rd year, vacant seats will be filled from outside. B.Sc. (MLT) examination is not equivalent to B.Sc. (H.S.) Biochemistry of P.U.

Thrust Areas

Membrane Transport Molecular Biology, Diabetes, Biochemical Toxicology, Cancer Biology, Microbial Biochemistry, Neurotoxicology, Immunology and Natural Products Biochemistry.

DEPARTMENT OF BIOPHYSICS

About the Department

Biophysics has in recent times emerged as an interdisciplinary subject in the Life Sciences and primarily deals with the structure, bioenergetics, dynamics and function of the biomolecules. Over the years, the discipline of biophysics has played a significant role in the growth of areas, which include molecular biophysics, physiological biophysics, medical physics, radiation biophysics, gene and protein engineering. Advances in these areas have paved a way for the designing and development of drugs and medical technologies for the welfare of mankind.

The department of biophysics was established in 1964 and it is the only department, which offers both undergraduate and postgraduate courses in the discipline of Biophysics (Hons. School). The department also offers excellent research opportunities leading to the award of Ph.D. degree. The courses being offered to the three years B.Sc. (Hons. School) and two years M.Sc. (Hons. School) students in Biophysics are planned in a way so as to provide a broad base in the subject and be accepted in the diverse fields of biomedical sciences. Alumni from this department have been suitably employed and many of them have occupied coveted positions in the academic, industry, medical institutions, national laboratories and prestigious research institutions in India and abroad.

Department is conducting M.Sc. Nuclear Medicine with Prof. D. K. Dhawan as Co-ordinators since 2007-2008.

The department has been given special assistance under UGC-SAP program FIST grant under DST program. Both these programs have been extended for Phase-II for the period (2009-2014).

For more details see the website <http://biophysics.puchd.ac.in>

Faculty

Professors : M.P. Bansal (Re-employed) F.S. Nandel (Emeritus Scientist CSIR)
B. Nehru S.N. Sayal (Re-employed)
D.K. Dhawan **M.L. Garg**
(Chairperson)

Associate Professor : A. Koul

Assistant Professors : T. Kaur S. Kaur A. Saini

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (Hons. School)	30+4 NRI	3 years	A candidate should have passed 10+2 examination with at least 50% marks (45% marks in case of SC/ST) with English, Physics, Chemistry, Mathematics/Biology/Biotechnology/Computer Science. and merit in Common Entrance Test conducted by the Panjab University.

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc. (Hons. School)	25+5 NRI	2 years	(a) B.Sc. (H.S) in Biophysics of Panjab University OR (b) B.Sc./B.Sc. (Hons.) in Biophysics/ Bioinformatics/Biotechnology of the Panjab University or any other examination recognized as equivalent. OR (c) B.Sc. with Physics, Chemistry and Life Sciences as the subjects during all the three years of the graduation. and merit in Entrance test conducted by the Panjab University
Ph.D.	Subject to availability	3-5 years	Candidates with M.Sc. in any discipline of sciences who have cleared the all India level test such as UGC/CSIR or ICMR etc. or the Ph.D. entrance examination in the subject of Biophysics conducted by Panjab University are eligible to be enrolled in the Biophysics for Ph.D.

Ph.D.

The Department offers research facilities leading to Ph.D. degree in the areas of Cell & Molecular Biology, Molecular Biophysics, Radiation Biophysics, Neurobiophysics, Membrane Biophysics, Molecular Modelling & Drug Designing, Molecular & Reproductive Endocrinology, Cellular & Molecular Toxicology, Cancer Biology, Biomaterials and Biomedical Instrumentation.

Details of Courses offered (Theory & Practicals)

B.Sc. (H.S.)

Ist year (Major) (i) Introduction to Biophysics-I, (ii) Introduction to Biophysics-II.

(Subsidiary) (i) English preliminary Paper A, (ii) English Paper B ORAL, (iii) Physics Paper I (Electricity, Magnetism & Electronics), (iv) Physics Paper-II (Optics & Modern Physics), (v) General Chemistry, (vi) Mathematics, (vii) Paper-I (Algebra, Geometry & Trigonometry), (viii) Mathematics Paper-II (Calculus & Differential Equations), (ix) Zoology, (x) Botany.

2nd year (Major) (i) Microscopic Anatomy, (ii) Mammalian Physiology, (iii) Biophysical Chemistry, (iv) Physicochemical Techniques.

(Subsidiary) (i) Biochemistry Paper I (Biomolecules & Intermediary Metabolism), (ii) Biochemistry Paper II (Enzymology & Molecular Biology), (iii) Microbiology Paper-I (Introduction to General Microbiology), (iv) Microbiology Paper-II (Introduction to Applied Microbiology), (v) Mathematics Paper-I (Matrices, Vector Algebra & Vector Calculus), (vi) Statistics (Elementary Statistics).

3rd year - (i) Cytology & Cell Physiology, (ii) Molecular Biology, (iii) Neurobiophysics, (iv) Molecular Biophysics, (v) Radiation Biophysics, (vi) Biomedical Instrumentation & Electron Microscopy.

M.Sc. (H.S.)

1st year (i) Cell & Membrane Biophysics, (ii) Gene & Protein Engineering, (iii) Biomolecular Spectroscopy & Biocrystallography, (iv) Medical Physics & Instrumentation, (v) Computer Application & Bioinformatics.

2nd year (i) Biology of Cancer, (ii) Molecular Biology, (iii) Computer Biophysics & Bioinformatics, (iv) Radiation Medicine, (v) Thesis work.

Thrust Areas

Cellular & Molecular Biophysics, Biomembranes and Radiation Biophysics, Cancer Biophysics.

DEPARTMENT OF BIOTECHNOLOGY

About the Department

The Department came into existence as Centre in 1989. In 1994 after obtaining financial aid from UGC and DBT, Govt. of India, it was upgraded to full-fledged Department. The Department is rated as one of the best in India for imparting state of art technology to the students in the field of biotechnology. Most of the students qualify UGC and CSIR entrance test in their first attempt and are admitted to Ph.D. programmes in prestigious research institutions in India. It has developed facilities to provide service to the local population for prenatally diagnosing the disease using conventional and molecular techniques. Most of the faculty members have been trained abroad and are recipient of prestigious national and international awards. The faculty of the department publishes research papers in national and international journals on regular basis. Every year department organizes Workshop/Symposium/Seminar dealing with state of art technologies. Department also organizes BIOTECH. RENDEZVOUS for the students of Schools, Colleges and University. Scientists of international repute are invited to deliver lectures. The department has the distinction of being funded by UGC-SAP (2007-12) and FIST (DST) (2002-07).

Faculty

Professor : Rupinder Tewari

Associate Professor : **Jagdeep Kaur**
(*Chairperson*)

Associate Professor : Neena Capalash

Assistant Professors : Neeraj Khuller Jagtar Singh Kashmir Singh

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.Sc. (H.S.)	15+2NRI	3 years (Semester System)	50% marks in 10+2 or equivalent examination with English, Physics, Chemistry, Mathematics, Biology, Biotechnology/Computer Science. Admission would be on the basis of Entrance Test conducted by the Panjab University.
M.Sc. (H.S.)	16+7+2NRI (Lateral Entry)	2 years (Semester System)	(a) All students who have cleared B.Sc. (Hons. School) Biotechnology from P.U. (Campus). (b) For 7 & 2 NRI seats, on the basis of an Entrance Test (OCET)
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

The syllabi for these courses have been so designed that enables degree holders to meet new challenges of Molecular Biology, Microbial Biotechnology, Human Genetics, Bioinformatics, Plant & Environmental Biotechnology etc.

Open and continuous system of evaluation is adopted for M.Sc. Course. Both theory and practical examinations are conducted by the Internal Examiners.

Thrust Areas

Molecular Oncology, Microbial Biotechnology, Plant Biotechnology.

DEPARTMENT OF MICROBIOLOGY

About the Department

The Department established in 1964, is one of the oldest and pioneer Department of Microbiology in the country. The department has made a steady progress in teaching and research since its establishment and has been recognized for research by various Government agencies : Department of Biotechnology (DBT), Department of Science & Technology (DST), Ministry of Science & Technology and for Special Assistance Programme by UGC. The department has bagged many research projects from these funding agencies. The graduates from this department are already employed in good positions in various academic, research and industrial organizations at national and international level.

The department has several R&D projects sponsored by various National funding agencies including DBT, DST, CSIR, UGC, and ICMR dealing with various aspects of General and applied Microbiology. The major equipments available in the department include UV-Visible Spectrophotometers, Ultra centrifuge, Refrigerated centrifuge, Ultra deep freezer, orbital shakers, water bath shakers, Protein purification system with fraction collector, electrophoresis equipment, BOD incubators, Gas chromatograph, laboratory Fermenter, Fluorescent Microscope, Sonicator, Transilluminator, Co2 incubators, Micro

centrifuge, Cold Room, PCR machine, Electroporator, ELISA reader, Lyophilizer, Millipore water purification system.

The Department of Biotechnology, Govt. of India, New Delhi has selected this department for assistance for enhancement of research and teaching in the field of Microbial Biotechnology. UGC has selected the Department for Special Assistance Programme (SAP).

Faculty

Professors	: Sanjay Chhibber	Gurinder Singh	Prince Sharma	Vijay Prabha (<i>Chairperson</i>)
Associate Professors	: R.P.Tiwari	S.K. Soni	Praveen Rishi	Kusum Harjai
Assistant Professors	: Geeta Shukla	D.K. Rahi		Naveen Gupta
Re-employed Professor	: R.P.Dikshit			

Courses Offered :

B.Sc. (Hons. School) :

B.Sc. (Hons. School) course is three years (six semesters) duration course that follows choice based credit system. During this period the students are imparted training in broad areas of Microbiology viz: General and Applied Microbiology Bacterial Systematic, Food, Microbiology, Industrial Microbiology, Environmental Microbiology, Mycology, Parasitology, Virology, Immunochemistry and Immunopathology, Medical Bacteriology, Microbial Physiology, Microbial and Molecular Genetics as a major subjects in Microbiology discipline. Besides this, the students are sent for learning subsidiary subjects in B.Sc. first year: English, Maths, Physics, Chemistry and in B.Sc.second year: Biophysics, Biochemistry, Statistics in respective departments.

In addition, the department offers one year (two semesters) subsidiary course: Introduction to General Microbiology and Introduction of Applied Microbiology to B.Sc. 2nd year students of other departments: Department of Biochemistry and Biophysics.

Admission to B.Sc. (H.S.) Ist year in Microbiology is for 29 open seats and 4 NRI seats. The admission will be on the basis of marks obtained in the Common Entrance Test (Plus admissible weightages, if any) as per University rules for all admissions conducted by the Panjab University in 2010. Only (10+2) medical group pass students with at least 50% marks are eligible for admission.

No direct admission is made to the 2nd or 3rd year of B.Sc. (H.S.).

M.Sc. (Hons. School)

M.Sc. course is of two years (four semesters) duration and follows choice based credit system. M.Sc. (H.S.) students are taught three major courses each in 1st & 2nd semesters and one course in Fundamentals of computer programming and applications in 3rd semester. Project training, Report & Presentation, Seminar presentation and a research project (Thesis) are undertaken in 3rd & 4th semesters.

All the students who have passed the Final B.Sc. III (Hons. School) examination in Microbiology of this University are eligible for admission to the M.Sc. I (Hons. School) course without taking entrance test. In addition the admission is granted against four NRI seats in M.Sc. (Hons. School) Ist year on the basis of entrance test conducted by the University (OCET). No seats are available in general and reserved categories unless the number of students falls below 15. In that case or NRI case students who have passed B.Sc. (Pass or Hons.) examination with 50% marks from Panjab University or a recognized University other than Panjab University with Microbiology as an elective subject for three years are eligible for admission on the basis of entrance test.

Regarding details of courses of study and their structure under Annual System, the syllabus published by the University/notified by the Department may be consulted.

Doctorate Degree :

Facilities exist in the department for research work leading to Ph.D. degree. Requirements for Ph.D. course are (i) M.Sc. (Hons. School) in Microbiology of Panjab University or an equivalent degree from any other University recognized by Panjab University (ii) NET or Panjab University, Microbiology Ph.D. entrance test cleared (iii) Financial support. Research facilities exist in of all branches of Microbiology including Medical Microbiology, Agricultural Microbiology, Food Microbiology, Industrial Microbiology, Medical, Microbiology, Immunology, Environmental Microbiology, Microbial Physiology and Biochemistry and Genetic Engineering and Biotechnology.

Scope

The microbes have vast range of activities from the production of exotic alcoholic beverages to causing deadliest diseases like AIDS, Cancer, tuberculosis, Microorganisms are also responsible for the production and destruction of crops. Micro-organisms are important part of food chain besides being good sources as SCP and probable alternate source of energy. With such wide variety of interaction of Microorganisms with man, animals, plants and food, the scope for a microbiologist is unlimited in teaching, research and industry.

Research Facilities

The major equipment in the laboratories of the department Shimadzu UV- Spectrophotometer, Beckman-Preparative Ultra centrifuge, Refrigerated centrifuge, Shakers, Fraction Collector, Electrophoresis equipment, BOD incubators, Gas Chromatograph and high performance liquid Chromatograph Chemap Fermenter, Fluorescence Microscope, Minibeta Counter, Sonicator, Transilluminator, Co2 incubator, eppendorf centrifuge, cold room facilities, PCR machine, Electroporator, ELISA reader.

Scholarships

The department's student is eligible on the basis of merit for scholarships offered by Panjab University. In addition, the Council for Scientific and Industrial Research, New Delhi and the UGC offer fellowships to students for Ph.D. Programme on the basis of CSIR/UGC NET. Also, ICMR offers fellowships.

The Department of Biotechnology, Govt. of India, New Delhi has selected this department for assistance for enhancement of research and teaching in the field of Microbial Biotechnology. UGC has selected the department for Special Assistance Program (SAP).

UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES

About the Institute

The University Institute of Pharmaceutical Sciences (formerly Department of Pharmaceutical Sciences) was established in the pre-independent India at Lahore in 1944 and got re-located on the campus of Panjab University, Chandigarh in 1959. The Institute is one of the prestigious academic organizations of our country, committed to excellence in all the domains of pharmaceutical sciences. More than 1600 research papers, 118 Ph.D's, 16 books, 35 patents, numerous national and international awards and meritorious recognitions to the faculty by professional bodies are some of the notable accomplishments of the Institute. Three of the faculty members have been elected as National Presidents of the prestigious Indian Pharmaceutical Congress. Also, some of the remarkable discoveries of new medicines have seen the reality of industrial commercialization after their successful technology transfers. The alumni of the Institute occupy highest positions in industry, research organizations and academia in India and abroad.

In recognition to its contributions in research and teaching, the University Grants Commission (UGC) has accorded the highest level of status to the Institute as **Centre of Advanced Studies (CAS)**. The University Institute of Pharmaceutical Sciences is the first University Institution in the country to be granted CAS Status in Pharmaceutical Sciences. In the year 2009, the Institute became one of the two centre's among all life sciences Institute of the country to serve as UGC Networking Resource Centre to impart training to pharmacy professional in frontier and thrust areas of pharmaceutical education and research.

Faculty

Professors Emeritus	: Harkishan Singh	S.K. Kulkarni		
Professors	: Karan Vasisht (Chairperson) A.R. Rao	O.P. Katare Bhupinder Singh Bhoop	V.R. Sinha Renu Chadha	
Associate Professors	: Kanwaljit Chopra Shishu Maninder Karan	Anupam Sharma Anil Kumar	Indu Pal Kaur Ranju Bansal	Manoj Kumar Poonam Piplani
Assistant Professors	: Alka Bali	Sanju Dhawan (on leave)	Naveen Ahuja (on leave)	Gaganpreet Kaur (on leave)

Courses Offered :

I Bachelor of Pharmacy (B. Pharm.)

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Bachelor of Pharmacy (B. Pharma.)	46+6NRI	4 years	50% Marks in 10+2 with English, Physics, Chemistry and one of the following subjects : Biology/Biotechnology/Computer Science/ Mathematics.

Admission : The admission to B.Pharm. Ist year is made on the basis of combined merit calculated from marks obtained in the 12th class (25% weightage) and Common Entrance Test (CET) (75% weightage) conducted by the Panjab University.

Note : Out of 46 seats, one seat is reserved for the nominee of Government of India from amongst the foreign students and the student from the States and Union Territories lacking facilities in this field and repatriates from Myanmar (Burma), Sri Lanka etc. Of the remaining seats, general reservation criteria of the University would be applied.

II. Master of Pharmacy (M. Pharm.)

Duration : 2 years

A. Regular Courses

1. Master of Pharmacy in Pharmaceutical Chemistry :

Seats : Category A : 06
Category B : 01

2. Master of Pharmacy in Pharmaceutics :

Seats : Category A : 06
Category B : 01

3. Master of Pharmacy in Pharmacognosy :

Seats : Category A : 02
Category B : 01

4. Master of Pharmacy in Pharmacology :

Seats : Category A : 02
Category B : 01

B. Self Finance Courses

5. Master of Pharmacy in Pharmaceutical Analysis and Quality Assurance

Seats : 10

6. Master of Pharmacy in Drug Discovery and Drug Development

Seats : 10

Category A : Panjab University candidates

Category B : Candidates from Institutes other than Panjab University

Note: 1. *Additional 15% seats only for NRI candidates are available in Courses 1 to 4.*

2. *The reservation for the other categories (SC, ST, etc.) in the mentioned number of seats will be as per the general guidelines of the University.*

3. *Admission Schedule : The Counselling for admission will be held in the month of July. No separate interview letter will be issued for the same. Date of Counselling will be notified on the P.U. Website.*

Eligibility : B. Pharm. from AICTE/PCI approved Institutions/Universities with valid GPAT score. For NRI seats only – B. Pharm. with valid GPAT/GRE (General).

Admission 1. Admission to all M.Pharm. Courses is made on the basis of combined merit calculated from aggregate marks obtained in B. Pharm. 4-year Course (30% weightage) and GPAT score (70% weightage).

2. Under Category A any seat(s) remaining unfilled will be transferred to Category B and Vice-versa.

3. The candidates who have graduated from the Panjab University will be awarded 10% weightage on B. Pharm. marks.

4. In Categories A and B, the students are eligible for a scholarship as per the UGC terms and conditions, for a period of two years. Scholarship will only be paid after the receipt of the funds from UGC. There is no provision of grant of any scholarship to candidates admitted under NRI Category.

III. Doctor of Philosophy (Ph.D.) : Students are admitted from time to time depending upon the availability of seats under different projects/schemes/fellowships sponsored by different Govt. agencies including industry. For more information refer to Rules & Regulations governing Ph.D. degree in Faculty of Pharmaceutical Sciences at page 319 of P.U. Calendar Vol. III of 2005 & at page 558 of P.U. Calendar Vol. II of 2007 respectively.

Facilities are available for advanced research in Pharmaceutical Chemistry, Pharmaceutics, Pharmacognosy and Pharmacology. Some of the thrust areas are search for new chemical entities (synthetic/semi-synthetic/natural), development and optimization of novel formulations and drug delivery systems, advanced pharmacological studies related to drug discovery and development, herbal drug standardization and development of novel herbal formulations.

DR. HARVANSH SINGH JUDGE INSTITUTE OF DENTAL SCIENCES & HOSPITAL

Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital was established in April, 2006. In view of lack of teaching and research related to field Oral Health, it was in year 2004, the foundation stone was laid by the then Hon'ble Union Minister of Health & Family Welfare, Govt. of India, Dr. Ambumani Ramdoss on 22nd September, 2004.

Institute of Dental Sciences has been established in six acres of land and apart from its own Dental Hospital, a 200 bedded hospital for adequate training and teaching of dental students in clinical medical subjects is in active stage of construction, foundation stone of which was laid by Hon'ble Shri Shiv Raj Patilji on 14-11-2008, then Union Minister for Home Affairs, Govt. of India.

This Institute is committed to impart dental education at undergraduate level initially and subsequently at postgraduate level. It has well equipped laboratories for basic medical and dental subjects and modern theatres. Dental Institute has 17 departments (out of which 9 are dental specialties and 8 medical specialties). It has 202 Dental Chairs & Units, placed in eight different specialty clinics. Four intra oral X-ray units, one OPG/Ceph Machine, two RVGs and one operating microscope are also functional in the Institute. In a short span of almost 5 years, 300-400 patients are being attended to in various specialty clinics every day. Institute has a well-equipped Library with over 2374 books and 30 national and international journals. The general ailments in patients from adjoining areas are also being attended to by faculty in the medical and surgical OPD. Dental Institute also conducts campus in various schools of Chandigarh and adjoining rural areas.

It is presently imparting under-graduate training to 500 BDS students by a dedicated and committed faculty of around 95 members. Institute is approved by Dental Council of India/Ministry of Health & Family Welfare, Govt. of India.

Faculty

Principal-cum-Professor : **S.P. Singh**
(Acting)

Additional Director/ : - do -
Vice-Principal

Professors	: Jagat Bhushan Manpreet Walia	Ashish Jain	Hemant Batra	Shally Gupta
Associate Professors	: Savita Prashar Anubha Gulati Arun K. Garg Sukant Garg Rashi Chaturvedi Maninder Pal Singh	Komal Sehgal Manjula Mehta M.K. Chhabra Sudhir Bhandari Shipra Gupta Rajesh Joshi	Shefali Singla Abha Sheth Komal Marwaha Sheeba Mohindra Rahul Sharma	Kitty Sidhu Divya Mahajan Vinay Kapoor Abhishek Mehta Satya Narain
Assistant Professors	: Urvashi Sharma Archana Agnihotri Ruchika Shaveta Sood Devinder Preet Singh Jyoti Gupta Leena Verma Vivek Kapoor Litesh Singla Rajdeep Brar	Mili Gupta Swaty Jhamb Rakhi Aulakh Renu Yadav Sharique Rehan Nandini Bhaskar Sujata Upadhyaya Prabhleen Brar Prabhjot Cheema Richa Singh	Tulika Gupta Suruchi Aditya Jyoti Sharma Lalit Kumar Puneet Kapoor Amandeep Singh Uppal Sukhwinder Singh Ruchi Singla Sumati Bhalla	Sidhi Passi Kavita Sekhri Sonia Bhardwaj Ruchit Uppal A.P.S. Sandhu Namrata C. Gill Neeraj Sharma Ikreet Singh Bal Tarun Das

Lecturers : Pradip Singh Harveen Kaur Virender Kumar Manjot Kaur
 (on study leave)
 Rajni Jain Rajeev Rattan Prabhjot Kaur Amandeep Kaur
 Amrita Rawla Monika Nagpal Navjot Kaur Vandana Gupta

Dental Surgeon : Preeti Kang

Demonstrators : Anupma Vijayvergia Vandana Harkirat Sethi Kalyani Deshpande
 Ravi Kant Gurpreet Singh

Sr. Administrative : M.P. Singh
 Officer

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA	FEES
B.D.S.	85+15 NRI	5 years	Based on CET-2011	As per University Rules

NATIONAL CENTRE FOR HUMAN GENOME STUDIES AND RESEARCH

About the Centre

National Centre for Human Genome Studies and Research is a newly established education Centre. The goal of this Centre is to provide the most advanced and comprehensive education possible related to human genome at the post graduate level. Research activities would be directed toward our understanding of human biology and disease and to develop solutions to societal health problems. Mission is to establish specific scientific programs that will be available to the public, to improve human health and well-being through education and research.

Faculty

Professor : **Tapas Mukhopadhyay** (*Director*)
 Assistant Professors : Ranvir Singh Shashi Chaudhary

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc. (Human Genomics)	17	2 years	(a) B.Sc. (Pass or Honours) under 10+2+3 pattern of Education in Physical, Chemical, Biological, Pharmaceutical Science or in medicine from any University/Institute recognised by P.U. with atleast 55% marks. (b) Common Entrance Test (O-CET).

Thrust Areas : Functional Genomics, Proteomics and Gene therapy.

7. SCHOOL OF BUSINESS MANAGEMENT

UNIVERSITY BUSINESS SCHOOL

About the School

University Business School (Formerly Department of Commerce and Business Management) was established in 1962 and has been imparting quality management education to develop dedicated, innovative and effective managers, researchers and teachers for more than 40 years.

In 1995, the Department of Commerce and Business Management was renamed as University Business School by the Panjab University in recognition of its completeness and maturity with a view to giving it a distinct identity.

The concept of a School symbolises a School of Thought. The philosophy of Management Education at University Business School is built on an integrative value system. It is motivated by duty-bound work ethics, humane approach and scientific temper. Modern attitude, practical wisdom, knowledge and skill, relevant for management are deeply ingrained in the serene Indian culture. This philosophy of the School is translated into mission of creating wholesome personality of human beings with a view to produce effective and efficient managers, researchers and teachers.

The School uses rigorous multi-faceted pedagogic approach with an effective interface with industry to translate the mission into action. It creates opportunity for its students to enhance their understanding of economic, social and political environment; to enlarge their ability not only to adjust to change but to become catalyst; and to develop their power to conceptualise, decide and communicate. The School, through its integrative approach, inculcates human values in addition to managerial attitude, knowledge and skill.

The thrust of M.B.A. and M.B.A. (Executive) is on producing managers for different functional areas; M.B.A. (IB) for International Business; M.B.A. (HR) for Human Resource Management and M.B.A. (Biotech) for Biotechnology.

M.Com. (Hons.) aims at producing Commerce Professionals and Teachers and Ph.D. aims at producing researchers in Management and Commerce.

Achievements and Programmes

The faculty of University Business School, trained in India and abroad, has earned international recognition in industry and academia. The students produced by the School have made a mark in the world of management, research and teaching all over the world. University Business School has been recognized by University Grants Commission under Special Assistance Programme for the following thrust areas:

Supply Chain Management and International Comparative Management, Social Responsibility and Human Resource Accounting, Investment Decision-making and Innovating Financing.

University Business School has also been awarded Assistance for Strengthening of the Infrastructure of the Humanities and Social Science (ASIHSS) programme by University Grants Commission in the following thrust areas: Supply Chain Management, Accounting & Business Finance-Social Responsibility and Human Resource Accounting, Investment Decision-making and Innovating Financing.

The School has been identified by University Grants Commission and All India Council for Technical Education for organizing Refresher Courses, Training Programmes and Induction programmes in Management for University and College teachers.

Management development, consultancy and research in all the areas of management is given high priority at the School.

Faculty

Professors	S.C. Vaidya <i>(Re-employed)</i>	Dinesh K. Gupta	Meenakshi Malhotra <i>(Chairperson)</i>
	A.K. Vashisht	S.K. Chadha	Anupam Bawa
	Deepak Kapur	Smriti Sood	
Associate Professors	B.B. Goyal	Sanjay Kaushik	Suveera Gill
	Karamjeet Singh	Parmjit Kaur	Meena Sharma
	Navdeep Kaur	Gunmala Suri	
Assistant Professors	Luxmi	Purva Kansal	Monica Bedi
	Tejinder Pal Singh	Vaneeta Aggarwal	Rupinder Bir Kaur

The University Business School offers Five Post-Graduate Courses in Management :

- | | | |
|-------|---|-----------------------------------|
| (i) | Master of Business Administration (MBA) | 2 yr. Full time (Seats 64+9*+1**) |
| (ii) | Master of Business Administration (International Business) (MBA-IB) | 2 yr. Full time (Seats 30+4*+3**) |
| (iii) | Master of Business Administration (Human Resource) (MBA-HR) | 2 yr. Full time (Seats 30+4*+3**) |
| (iv) | Master of Business Administration (Bio-technology) (MBA-Bio-tech.) | 2 yr. Full time (Seats 14+2*) |
| (v) | Master of Business Administration (Executive) (M.B.A.-Executive) | 3 yr. Evening Course (Seats 39) |

Post-graduate course in Commerce :

- | | | |
|------|----------------|----------------------------|
| (vi) | M.Com. (Hons.) | 2 yr. Full time (Seats 27) |
|------|----------------|----------------------------|

Doctoral Programme in Management and Commerce :

The Ph.D. Programme of the School in Management and Commerce has international reputation. A Large number of Indian and Foreign students are currently on the active rolls of the Ph.D. programme.

Admission Criteria :

The admission to MBA, MBA (IB), MBA (HR) and MBA (Biotech.) at Chandigarh is based on the merit of the students determined on the basis of national level written test through CAT conducted by IIMs, group discussion and personal interview of the eligible candidates. Minimum of 10% score (5% in case of SC/ST candidates) in each component of CAT has to be earned by the candidates to be eligible to

*Seats reserved for Foreign/NRI Candidates.

**Seats reserved for Defence Sponsored Officers (Sponsored by DGMT, New Delhi).

be called for Group discussion/Personal Interview. Some seats are reserved for Foreign/NRI candidates. The eligibility condition remaining same as for other categories of candidates. Foreign/NRI candidates not residing in India and thereby unable to avail of the above admission process will be required to submit valid score of GMAT, which will be treated at par with the combined score of Written Test (CAT) conducted by IIM, Group Discussion and personal interview conducted by University Business School, Panjab University Chandigarh. However, admission to MBA (Executive) course is made on the basis of the Entrance test (O.C.E.T.) conducted by Panjab University, group discussion and personal interview. Admission to M.Com. (Hons.) is based on the combined merit determined by Entrance Test (OCET) conducted by Panjab University and Group Discussion and Personal Interview of the eligible candidates. Admission to Ph.D. course is done through Entrance Test conducted by Panjab University, Chandigarh, alongwith Personal Interview.

Eligibility for Admission

1. Master of Business Administration (MBA) (Two-year full-time)
2. Master of Business Administration (International Business)-MBA (IB)(Two-year full-time)
3. Master of Business Administration (Human Resource-MBA (HR) (Two-year full-time)

The minimum qualifications for admission to the first semester of these courses are :

- (i) A Bachelor's Degree in any discipline of the University or a degree of any other University which has been recognised by the Syndicate as equivalent thereto with not less than 50% marks in the aggregate.

Provided that in the case of candidates having Bachelor's degree of the University through Modern Indian Languages [Hindi/Urdu/Punjabi (Gurmukhi script)] and/or in a Classical Language (Sanskrit/Persian/Arabic) or degree of any other University obtained in the same manner recognised by the Syndicate, 50% marks in the aggregate shall be calculated by taking into account full percentage of marks in all the papers in Language excluding the additional optional paper, English and the elective subject taken together.

OR

- (ii) A pass in the final examination conducted by the (a) Institute of Chartered Accountants of India or England, or (b) Institute of Cost and Works Accountants of India or England, and (c) Institute of Company Secretaries of India.

OR

- (iii) AMIE Examination with 50% marks or more after having passed the diploma examination with 60% marks or above and have at least 5 years research/teaching or professional experience.

4. Master of Business Administration (Biotechnology)

A Bachelor's degree in Biological Sciences, i.e. Biology, Botany, Microbiology, Zoology, Biochemistry, Biophysics, Genetics, Pharmacy, Biotechnology, Veterinary Sciences, B.E./B. Tech. (Biotechnology) B.Sc. (Bioinformatics), MBBS, BDS and B.E. (Informatics) of a University recognized by the Association of Indian Universities, with not less than 50% marks in the aggregate.

5. Master of Business Administration (Executive)- MBA (Executive) (Three years Evening Course)

The minimum qualifications for admission to first semester of the course are :-

- (i) A Bachelor's or Master's Degree in any discipline with not less than 50% marks in the aggregate or any one examination with 50% marks recognised by the University an equivalent thereto;

OR

Pass in final examination of the Institute of Chartered Accountants of India or the Institute of Cost and Works Accountants of India or the Institute of Company Secretaries of India.

OR

Diploma in Personnel Management and Labour Welfare or Diploma in Marketing management with not less than 60% marks in the aggregate, provided the candidate holds a Bachelor's degree.

- (ii) Two year's whole time executive experience in the Commercial or Industrial Establishment after passing the Qualifying examination as given above. Members of all India or State Administrative/Technical Services and Defence Personnel holding administrative posts with not less than 2 years executive experience will also be eligible. Organizational sponsorship is essential.

Note :-The cut of date for considering executive experience is July 31, 2011.

6. M.Com. (Hons.) (Two years full time)

The eligibility for Admission to M.Com. (Hons.)

- (a) B.Com./B.Com. (Hons.)/BBA with not less than 45% marks in the aggregate;

OR

- (b) B.Com. (Hons.) degree with not less than 45% marks in the aggregate;

OR

- (c) A Graduate with Honours in Economics or Mathematics or Statistics or Commerce with not less than 45% marks in the aggregate;

OR

- (d) A Graduate with 50% marks in the aggregate having offered either Economics, Mathematics, Statistics, Commerce, Computer Application, Information Technology or Computer Science as a subject in the examination. Provided that in case of candidates having Bachelors degree of the University through Modern Indian Languages [Hindi/Urdu/Punjabi (Gurmukhi Script)] and /or in a classical language (Sanskrit/Persian/Arabic) or degree of any other University obtained in the same manner recognised by the Syndicate; 50% marks in the aggregate shall be calculated by taking into account full percentage of marks in all the papers in Language excluding the additional optional papers, English and Elective subject taken together.

OR

- (e) A pass in the final examination conducted by the Institute of Chartered Accountants of India or England/Institute of Cost and Works Accountants of India or England/Institute of Company Secretaries of India;

OR

- (f) Any other qualification recognized by the Syndicate for this purpose.

Admission Criteria

The admission will be made on the basis of the Entrance Test (O-CET) (85% weightage), Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage).

Ph.D. Programme

1.1. The enrolment to the Doctor of Philosophy in the Faculty of Business Management & Commerce shall be open to a candidate who has obtained Master's degree with not less than 55% marks in the aggregate from the Panjab University or from any other University (approved by the Academic Council) in any one of the following subjects:-

- (i) Commerce or Management

OR

- (ii) Economics, Mathematics, Statistics, Sociology, Psychology, Public Administration, Operations Research, Social Work, Engineering & Laws.

OR

- (iii) Any subject other than those mentioned in (i) & (ii) above provided that the candidate has either not less than 5 years work experience at the managerial (including administrative service) level, or is a member of the Faculty in the University Business School, Panjab University, with not less than 5 years experience of teaching Post-graduate classes.

- (iv) MFC

(Provided further that candidates with qualifications mentioned in (ii) & (iii) above shall be eligible for enrolment only) if the area of research relates to the faculty of Business Management & Commerce. The following categories of candidates who are graduates and have either a minimum of 5 years standing in the profession (Practice or Service), or 5 years experience of teaching Post-graduate classes, shall be eligible for enrolment :

OR

- (a) A member (Associate or Fellow) of the Institute of Chartered Accountants of India.

- (b) A member (Associate or Fellow) of the Institute of Cost & Works Accountants of India.
- (c) A member (Associate or Fellow) of the Institute of Company Secretaries of India.

The normal duration of Ph.D. course shall be three academic years. It shall consist of prescribed courses and thesis. For candidates who are admitted under Regulation I.I (i) & (ii), the course will be spread over two semesters. For others, the duration of the prescribed course work shall be three semesters.

A candidate enrolled for Ph.D. shall pursue his research work in the University Business School. However, the Research Board may permit a candidate, after allocation of the subject of thesis and the appointment of supervisor, to pursue the research work at an approved centre. If the supervisor is not satisfied with the progress of the candidate, who is permitted to continue his research work at an approved centre, the supervisor may require the candidate to continue further work in the School.

UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES (UIAMS)

Mission of the Institute :

To offer management programmes in sectoral areas and streams so as to fulfill industry needs and requirements for specialized managerial skills.

Salient Features of the Institute :

- (a) Proposal is in furtherance of University's vision of developing emerging areas as nodal centres of Excellence in Applied Fields.
- (b) Cardinal Principle of Delivery System : 70:30 ratio of Management and Sectoral Inputs
- (c) Delivery and Evaluation amix of theory & Practie.
- (d) Association with Industry through guest faculty, evaluation projects.
- (e) Institute to be inter-disciplinary drawing from rich reservoir of talent available not only from University Business School (UBS) but also sectoral Departments like University Institute of Pharmaceutical Sciences (UIPS), Dr. H.S. Judge Institute of Dental Sciences & Hospital, University Institute of Engineering & Technology (UIET). Department of Economics, Deptt. of Statistics, Deptt. of Computer Sciences and University Institute of Chemical Engg. & Tech.

MASTER OF BUSINESS ADMINISTRATION PROGRAMMES

MBA (Retail Management)	45+5* (NRI)	=	50
MBA (Banking and Insurance Mgt)	45+5* (NRI)	=	50
MBA (I.T & Telecommunication Mgt)	22+3* (NRI)	=	25
MBA (Infrastructural Management)	22+3* (NRI)	=	25
MBA (Pharmaceutical Management)	22+3* (NRI)	=	25
MBA (Hospital Management)	22+3* (NRI)	=	25

**ELIGIBILITY CONDITION FOR ADMISSION
TO VARIOUS SECTORAL MBA PROGRAMMES AT UIAMS**

A. MBA (Retail Management) and MBA (Banking and Insurance Mgt) :

A Bachelor's Degree in any discipline of Panjab University or of any other university recognized by Panjab University as equivalent thereto with atleast 50% marks in aggregate

Or

Pass in final examination conducted by the Institute of Chartered Accountants of India or England /the Institute of Cost and Works Accountants of India or England /Institute of Company Secretaries of India.

Or

AMIE Examination with 50% marks or more after having passed the diploma examinations with 60% marks or above & have at least 5 years research/teaching or professional experience.

B. MBA (I.T. & Telecommunication Management) and MBA (Infrastructural Management)

Bachelor's degree in Engineering/Technology, i.e. B.E./B.Tech. (in any Branch) with minimum 50% marks in the aggregate.

Or

Bachelor's Degree in any Science subject with Physics and/or Mathematics with minimum 50% marks in the aggregate.

Or

Bachelor's in Computer Application (BCA) of Panjab University or of any other university recognised by the Panjab University as equivalent there to with at least 50% marks in the aggregate.

Or

AMIE Examination with 50% marks or more after having passed the diploma examinations with 60% marks or above & have at least 5 years research/teaching or professional experience.

C. MBA (Pharmaceutical Management)

Bachelor's degree in Pharmacy with minimum 50% marks in the aggregate

Or

M.B.B.S.

Or

Bachelor's Degree in any Science subject with 50% marks in the aggregate. And Diploma in Pharmacy with minimum 50% marks.

D. MBA (Hospital Management)

MBBS/BAMS/BHMS/BDS/B.Pharmacy/B.Sc. (Nursing)/Bachelor of Physiotherapy (BPT) of Panjab University or a degree of any other University which has been recognized by the Syndicate as equivalent thereto with not less than 50% marks in the aggregate.

Candidates appearing in the Final Degree Examination are eligible to apply and can take the test provisionally. Concession of 5% marks in the eligibility requirements for SC/ST candidates.

The admission will be made on the basis of the Entrance Test (85% weightage), Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage).

FEE STRUCTURE

The Tuition fee per year of each MBA Sectoral Programme is Rs. 2,00,000 (Rs. Two Lakhs only). In addition, other university charges are being levied as per university rules and regulations. Another Rs. 10,000/- (Rs. Ten Thousands only) is also charged for Summer Placement, Teaching Materials, Business Club and Computer Charges etc. For tuition fee and university charges, the demand draft should be in the favour of Registrar, Panjab University, Chandigarh whereas the draft of Rs. 10,000 will be in favour of Director, UIAMS, Panjab University, Chandigarh.

For Foreign/NRI candidates, tuition fee is equivalent to Rs. 5 Lakhs per year. Registration fee US\$ 550 is charged from those who have passed the qualifying examination from a University/Institution other than Panjab University.

Board of Control UIAMS

1. Prof. R.C. Sobti, Chairperson
2. Prof. Sanjeev Kumar Sharma, Director, UIAMS.
3. Prof. Deepak Kapur, Dean Faculty of Business Management & Commerce P.U.
4. Prof. Renu Vij, Programme Coordinator, MBA (IT & Telecom Mgt)
Director, University Institute of Engg. & Technology, Panjab University.
5. Programme Coordinator-MBA (Hospital Management)
Director Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Panjab University.
6. Prof. S.K. Chadha, Programme Coordinator MBA (Retail Management)
Prof. of Marketing, University Business School, P.U.
7. Prof. L.K. Bansal, Programme Coordinator-MBA (Banking & Insurance Mgt.)
Professor of Financial Management, University School of Open Learning, P.U.
and Director, University Institute of Hostel Management and Tourism, P.U.
8. Prof. V.K. Rattan, Programme Coordinator-MBA (Infrastructural Mgt.)
Chairman, University Institute of Chemical Engineering & Technology, P.U.
9. Prof. V.R. Sinha, Programme Coordinator-MBA (Pharmaceutical Mgt.)
Professor, University Institute of Pharmaceutical Sciences, Panjab University.
10. Mr. Pardeep Kumar Sharma, Chief Coordinator Exams, UIAMS
11. Ms. Pooja Garg, Assistant Professor, UIAMS, P.U.
12. Dr. Arunachal Khosla, Assistant Professor, UIAMS, P.U.

UNIVERSITY INSTITUTE OF HOTEL MANAGEMENT AND TOURISM (UIHMT)

About the Institute

UIHMT is a venture of Panjab University to offer market driven professional courses in the domain of Hospitality and Tourism. It is offering two courses :

- (a) B.Sc. (Hospitality and Hotel Administration)
- (a) B.Sc. (Tourism Management)

These six semester programmes incorporate both subject-specific and generic business modules and have been designed to reflect industry practices and academic developments. Each of the existing programmes touches hospitality and tourism as a business activity—the organization, dimensions, social significance and impact of core areas.

The main goal of the above programmes is to support the employability and professional success of our graduates. These programmes prepare students for immediate absorption in the relevant functional area in industry/take-up entrepreneurship individually as against the traditional model that provides just a degree. Further nurturing of professionals is achieved by providing an overall exposure to the tourism and hospitality industry through extensive academic and industry interactions.

Faculty

Professor	:	Lalit K. Bansal (<i>Director-Incharge</i>)		
Asstt. Professors	:	Prashant Gautam	Anish Slath	
Ad-hoc faculty	:	Arun Singh Thakur Nickita Khera	Himanshu Malik Ashish Bansal	Jaswinder Singh

In addition to these faculty members for hard core curriculum, UIHMT is utilising the expert knowledge of Senior faculty of other departments of Panjab University.

Courses Offered :

COURSE	NUMBER OF SEATS	DURATION
1. B.Sc. in Hospitality and Hotel Administration	60 Seats	3 years (6 semesters)
2. B.Sc. in Tourism Management	30 Seats	3 years (6 semesters)

Admission Criteria – Admission to both the courses will be on the basis of :

The Merit of CET Test to be conducted by Panjab University.

Eligibility

The minimum qualification for admission to the first semester of the courses shall be :

A pass in 10+2 examination from the CBSE or from any other recognised board with not less than 50% marks in the aggregate.

Fee Structure :

(i) For B.Sc. in Hospitality and Hotel Administration

Admission Fee	:	Rs. 50,000 (p.a.)
+ Student Welfare Activities Fund	:	Rs. 3,000 (p.a.)
+ Usual University Charges	:	As per rules

(ii) For B.Sc. in Tourism Management

Admission Fee	:	Rs. 30,000 (p.a.)
+ Student Welfare Activities Fund	:	Rs. 3,000 (p.a.)
+ Usual University Charges	:	As per rules

Dress Code : Students are to adhere to Dress Code as specified by UIHMT for both the courses.

Activities :

UIHMT organises from time to time Seminars/Workshops in different domains of hospitality Industry.

Student Committees :

To inculcate professionalism amongst the students different Committees have been operating in UIHMT. These Committees provide the students opportunities for decision making and handling real life situations. Some of the important Committees are as under :

- | | | |
|-----------------------|-------------------------------|-------------------------|
| – Placement Committee | – Event Management Committee | – Field Visit Committee |
| – House keeping Club | – Academic Activity Committee | |
| – Kitchen club | – F&B Club | |
| – Front Office Club | – Notice Board Committee | |

8. SCHOOL OF ENGINEERING SCIENCES

UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY

(Formerly known as Deptt. of Chemical Engg. & Technology)

About the Institute

The University Institute of Chemical Engineering and Technology, Panjab University, (<http://www.pu.ac.in/cet>) is a premier Institute in Northern India imparting quality education in Chemical Engineering, Food Technology, Polymer Technology and Industrial Chemistry; the programmes in polymer technology and industrial chemistry are offered at the post graduate level only. The Institute was set up in 1958 in collaboration with the Illinois of Technology Chicago, USA, and continues to maintain global standards of excellence in education and research. The Institute has attained a status of eminence academia, R & D, consultancy – in India and around the world. The faculty members maintain close interaction with the industry, government, statutory organizations etc. and contribute extensively to research, industrial consultancy and public policy.

Faculty

Professors	: R.K. Wanchoo	V.K. Rattan (Chairperson)	R.K. Chhabra
	U.S. Shivhare	Meenakshi Goyal	R.C. Katyal (Re-employed)
	Sukhmehar Singh (Re-employed)		
Associate Professors	: S.K. Aggarwal	Sanchita Chauhan	Neeta Sharma
	Anupama Sharma	Seema Kapoor	Ritu Gupta
	Amritpal Toor	Urvashi Gupta	Sushil Kumar Kansal
Assistant Professors	: Anupama Thakur	Santanu Basu	Gargi Ghoshal
	Maninder Kaur	Gaurav Verma	Amit Sobti

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.E. (Chemical)	85+11 NRI	4 years	Admission on the basis of Entrance Test conducted by C.B.S.E. (AIEEE) with a minimum score of 15%. Relaxation of 5% marks for SC/ST/PH students. Minimum percentage of 60% marks in the

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
			qualifying examination, i.e. +2, for all categories is essential for admission to first year B.E. courses in the Institute except in the case of SC/ST/PH categories for which the percentile be 55 % for admission to engineering courses from the academic session of 2011-2012. Detailed information will be available on the website of PEC University of Technology for Joint Admissions in all university engg. courses.
B.E. (Food Technology)	29	4 years	-do-
Five Year Integrated B.E. (Chemical) with MBA	34+5NRI	5 years	-do-
M.E. (Chemical)	20	2 years	B.E. (Chemical) or an equivalent examination with at least 50% marks in the aggregate from Panjab University or any other university recognized by Panjab University as equivalent thereto. Admission is on the basis of Entrance Test (OCET) to be conducted by the Panjab University and interview. The merit list of eligible OCET qualified candidates shall be as per the following criteria : B.E. degree weightage : 50% OCET weightage : 50% GATE qualified candidates will be exempted from the OCET Test. However, in case of eligible GATE qualified candidates the merit list will be as per the Percentile obtained and shall be offered the seat at the first instance.
M.Tech. (Polymer)	15+5 (Part-time)	2 years	Bachelor's degree in Chemical Engineering Chemical Technology/Polymer Science/Polymer Engineering/Polymer Technology/Plastic Technology or an equivalent examination with at least 50% marks in the aggregate from Panjab University or any other university recognized by Panjab University as equivalent thereto.

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
			<p>OR</p> <p>Master's degree in Technical Chemistry/Applied Chemistry/Industrial Chemistry/Chemistry (with Mathematics upto Graduation) Or an equivalent examination with at least 55% marks in the aggregate from Panjab University or any other university recognized by Panjab University as equivalent thereto.</p> <p>Admission is on the basis of Entrance Test (OCET) to be conducted by the Panjab University and interview. The merit list of eligible OCET qualified candidates shall be as per the following criteria :</p> <p>B.Sc. Degree weightage : 50% OCET weightage : 50%</p> <p>GATE qualified candidates will be exempted from the OCET Test. However, in case of eligible GATE qualified candidates the merit list will be as per the Percentile obtained and shall be offered the seat at the first instance.</p>
M.Sc. (Industrial Chemistry)	17	2 years	<p>B.Sc. (Hons.) in Chemistry or B.Sc. (Non-Medical) or B.Sc. (Industrial Chemistry) or an equivalent examination with at least 55% marks in the aggregate from Panjab University or any other university recognized by Panjab University as equivalent thereto.</p> <p>Admission is on the basis of Entrance Test (OCET) to be conducted by the Panjab University and interview according to the following criteria :</p> <p>Degree Marks : 50% Entrance Test : 50%</p>
Ph.D.	Subject to availability	3-4 years	As per P.U. guidelines applicable to Ph.D. admission

Ph.D.

The Institute is well equipped for research work leading to Ph.D. degree. Facilities exist particularly in areas like : Thermodynamic and Thermo Physical Properties; Heat and Mass Transfer; Reaction Kinetics, Multiphase Complex Flow Hydrodynamics; Carbon Technology; Polymer Science and Engineering; Non-Conventional Separation Techniques; Environmental Engineering; Non-Conventional Energy sources; Agro-residues; Food Processing, Nanofluids.

UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY

About the Institute

Started in 2002, measuring up to high standards of university, the institute has set quality standards in technical education. The highly qualified faculty is the backbone of institute. The institute is currently running six BE and four ME/M.Tech. courses with an overall strength of about 2500 students. BE courses include Computer Science & Engineering, Electronics and Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Information Technology and Biotechnology. In addition, 5-years Integrated degree in BE with MBA has also been started from 2008-2009. ME/M.Tech. courses are conducted in ECE, IT, CSE, and Micro electronics, Part-time Ph.D. facility provides opportunity to Research Scholars in Engineering & Technology. Well equipped laboratories provide the exposure to the students in practicals. State of art computer facilities, independent broad band internet connectivity provide ample scope for students to learn round the clock. Dedicated 2 mbps Internet connectivity and Wi-Fi connectivity apart from university connectivity has reduced locational dependence of the students. In fact students with laptops avail the facility in the institute as well as in the hostels. With the updation/revision of syllabi, more practical activities have been made computer based. Engineering Drawing using AUTOCAD has been made compulsory for students of all branches in the first year.

Being the part of the University, Research and Development is the focus of the institute. Faculty members carry out R & D activities that result in the published research work at the national and international level. The faculty is working on various sponsored research projects with a financial support of around Rs. 100 lacs from various agencies like DIT, AICTE, DST and Department of Biotechnology etc. Conferences, seminars and workshops are continuous process of interaction at various levels among the students, faculty and the experts from industry as well as organizations. Integrated development of the students as professionals with soft skills is emphasized upon.

The placement of the institute has been excellent, achieving 100% placements for the last four years. The response from the top industrial houses has been overwhelming to prove that the institute is producing the quality engineerings. The MOUs signed with industrial houses like Infosys, IBM, Sun Microsystems etc., institutes of national importance and organizations have brought the students and faculty closer to the real world of work in the industry.

Faculty

Professors	:	Renu Vig (<i>Director</i>)	Savita Gupta	Sukhwinder Singh
Associate Professors	:	J.K. Goswamy Manu Sharma Harish Kumar Sakshi Kaushal	Gurdeep Singh Harmesh Kumar Sarbjeeet Singh	Sanjeev Puri Sanjay Vohra Vinay Kanwar

Assistant Professors	Monika Randhawa	Roopali Garg	Meenu
	Kawaljit	Inderdeep Kaur	Y.P. Verma
	Arvind Kumar	Saurabh Bhatia	Sharmelee Thangjam
	Deepak Kumar	Veenu Mangat	Kalpna Dahiya
	Naveen Aggarwal	Naresh Kumar	Amrinder Pal Singh
	M. K. Sharma	Vishal Sharma	Jaget Singh
	Sumit Budhiraja	Sunil Agrawal	Mukesh Kumar
	Shankar Sehgal	Mandeep Kaur	Jaspreet Kaur
	Hema Setia	Anupreet Kaur	Makhan Singh
	Puneet Jai Kaur	S. K. Arya	Nisha Tayal
	Shuchi Gupta	Damanjeet Kaur	Harbhinder Singh
	Surjit Singh	Poonam Sood	Vishal Gupta
	Amandeep Verma	Amandeep S. Wadhwa	Jaswinder Singh Mehta
	Amit Chauhan	Prashant Jindal	Rajesh Kumar
	Preetika Sharma	Sarpreet Kaur	Preeti Gupta
	Neeraj Sharma	Charu Madhu	Nidhi
	Puneet Kaur	Preeti	Amit Chaudhry
	Praveen Goyal	Anjali Gupta	Gaurav Sapra
	Parul Gaur	Raj Kumari	Suksha
	Monika		

Faculty on Contract :

Assistant Professors	Preeti Chopra	Minakshi Garg	Pardeep Kaur
	Mala Kalra	Sarvjit Singh	Priya Mittal
	Parminder Kaur	Preeti Aggarwal	Jyoti Sood
	Surbhi	Renu Thapar	Geetu
	Garima Joshi	Supriya	Kamaljit Kaur
	Jyoti Sharma	Hitesh Kapoor	Anu Jhamb
	Puneeta	Daljit Kaur	Rajni Sobti
	Sukhbir Singh	Renuka Rai	Aditi Gupta
	Tanushree Agarwal	Ranjana Bhatia	Sabhyata Soni
	Prabhjot Kaur		

Guest Faculty :

In addition to the regular faculty, UIET is utilizing the expert knowledge of senior faculty of other departments of Panjab University and from professional institutes like Punjab Engg. College (PEC), National Institute of Pharmaceutical Education & Research (NIPER), Institute of Microbial Technology (IMTECH) and NITTR, Chandigarh College of Engineering & Technology etc.

Courses Offered :

Bachelor in Engineering (B.E.)

SUBJECT	SEATS	DURATION	ELIGIBILITY/CRITERIA
Computer Science & Engineering	103+5 NRI	4 years	10+2 examination with a minimum of 60% marks in the qualifying exam. (55% for Scheduled Caste/Scheduled Tribe/Physically Handicap categories) with Physics and Mathematics as compulsory subjects along with one of the following subjects : Chemistry, Bio-Technology, Computer Science or Biology; and Qualified in A.I.E.E.E. Conducted by C.B.S.E., New Delhi.
Information Technology	103+5 NRI	4 years	- do -
Electronics & Communication	103+5 NRI	4 years	- do -
Bio-Technology	74+3 NRI	4 years	- do -
Electrical and Electronics	74+3 NRI	4 years	- do -
Mechanical	74+3 NRI	4 years	- do -

Notes : 1. A candidate must secure a minimum of 15% marks in the All India Engineering Entrance Examination (AIEEE 2011) to qualify for admission.

However, candidate belonging to Scheduled Castes/Tribes and Physically Handicapped categories shall be eligible if they secure a minimum of 10 per cent of the maximum marks of AIEEE 2011.

2. Candidates who have passed the 10+2 examination of Mahila Gram Vidyapith, Allahabad or any other Institute not recognized by the Panjab University, will not be considered for admission.

5 Years Integrated Bachelor in Engineering (B.E.) with MBA

SUBJECT	SEATS	DURATION	ELIGIBILITY/CRITERIA
Computer Science & Engineering	10	5 years	10+2 examination with a minimum of 60% marks in the qualifying exam. (55% for Scheduled Caste/Scheduled Tribe/Physically Handicap categories) with Physics and Mathematics as compulsory subjects along with one of the following subjects : Chemistry, Bio-Technology, Computer Science or Biology; and Qualified in A.I.E.E.E. Conducted by C.B.S.E., New Delhi.
Information Technology	10	5 years	- do -
Electronics & Communication	10	5 years	- do -
Bio-Technology	10	5 years	- do -
Electrical and Electronics	10	5 years	- do -
Mechanical	10	5 years	- do -

Notes : 1. A candidate must secure a minimum of 15% marks in the All India Engineering Entrance Examination (AIEEE 2011) to qualify for admission.

However, candidate belonging to Scheduled Castes/Tribes and Physically Handicapped categories shall be eligible if they secure a minimum of 10 per cent of the maximum marks of AIEEE 2011.

2. Candidates who have passed the 10+2 examination of Mahila Gram Vidyapith, Allahabad or any other Institute not recognized by the Panjab University, will not be considered for admission.

Master in Engineering

SUBJECT	SEATS	DURATION	ELIGIBILITY/CRITERIA
Computer Science & Engineering	20+2NRI	2 years	<p>B.E. or B.Tech. in Computer Science & Engg./ Information Technology with at least 50% marks in the aggregate from recognized university.</p> <p>Admission is on the basis of entrance test (OCET) to be conducted by the Panjab University and interview according to the following criteria :</p> <p>Academic Weightage : 50%</p> <p>Entrance Test : 50%</p>
Information Technology	20+2NRI	2 years	<p>B.E. or B.Tech. or equivalent in Information Technology with at least 50% marks in the aggregate from recognized university.</p> <p>Admission is on the basis of entrance test (OCET) to be conducted by the Panjab University and interview according to the following criteria :</p> <p>Academic Weightage : 50%</p> <p>Entrance Test : 50%</p>
Electronics & Communication Engg.	20+2NRI	2 years	<p>B.E. or B.Tech. or equivalent in Electronics/ Electronics & Communication Engg./Electronic and Telecommunication Engg. with at least 50% marks in the aggregate from recognized university.</p> <p>Admission is on the basis of entrance test (OCET) to be conducted by the Panjab University and interview according to the following criteria :</p> <p>Academic Weightage : 50%</p> <p>Entrance Test : 50%</p>

M. Tech. Microelectronics

Two Years Master Course with 12+3 SC/ST+2 NRI seats in UIET.

ELIGIBILITY/CRITERIA

B.E./B.Tech. or equivalent degree in Computer

Science and Engineering/Electrical/ Electronics/Microelectronics/Electronics & Electrical Communications/Electronics & Telecommunications/ Information Technology/ Instrumentation Engineering/ M.Sc. Applied Physics/M.Sc. Physics with specialization in Electronics or M.Sc. in Electronics (as approved by AICTE) with minimum 50% marks in aggregate from a recognized University.

Admission is made on the basis of entrance test (OCET) to be conducted by the Panjab University and interview according to the following criteria. GATE qualified candidates will be given preference and they will be exempted from the OCET Test.

Academic Weightage : 50%

Entrance Test : 50%

UNIVERSITY CENTRE OF INSTRUMENTATION & MICROELECTRONICS

About the Centre

The University Centre of Instrumentation and Microelectronics (UCIM) was established in 1995 and offers M.Tech. (Instrumentation) and M.Tech. (Microelectronics) Courses, each of 2 years (4 semesters) duration. *The objective of the centre is to generate trained manpower for Modern Sophisticated Instrumentation and for Microelectronics applications.* The facilities available have been supplemented by combining with it the DST funded Sophisticated Analytical Instrumentation Facility (SAIF), Central Instrumentation Laboratory (CIL) and University Science Instrumentation Centre (USIC) which are housed in the same building.

Instrumentation Infrastructure

The centre houses the following Sophisticated Instruments and facilities under SAIF :

Transmission Electron Microscope, HITACHI H 7500

Scanning Electron Microscope, Jeol JSM 6100

NMR Spectrometer 400 MHz. Bruker Avance II

LC MS/MS-Q-ToF micro-mass

X-Ray Diffractometer for (Powder) PANALYTICAL-Xpert Pro

Elemental Analyser for CHN, Perkin Elmer 2400

High Performance Liquid Chromatograph (HPLC), Shimadzu LC 10

Amino Acid Analyser, Shimadzu LC 10

UV-VIS-NIR Spectrometer, Hitachi 330

UV-VIS-NIR Spectrometer, Lambda 750, Perkin Elmer

FTIR Spectrometer, Perkin Elmer PE-RX1
 FTIR Spectrometer – Spectrum-400, Perkin Elmer
 Atomic Absorption Spectrometer EC4100
 Ultra Centrifuge, Beckman L 8-80
 Liquid Nitrogen Plant, Sulzer Linit-10
 Photography Laboratory
 Workshops : Electronics, Mechanical, Wood, Glass Blowing.

The SAIF has undergone a rejuvenation phase by replacing some key instruments which are about two decades old. 400MHz NMR and 120kV TEM have been installed in November 2005. XRD (powder) is replaced by a state-of-the art counterpart. The GCMS is replaced by an LCMS/MS. Liquid Nitrogen plant has been purchased for which Rs. 1.00 crore has been sanctioned by the DST. Photography Lab. is upgraded with the addition of an optical microscope with dedicated digital camera (Leica/Carl Zeiss).

The facilities of this Centre go a long way in improving the quality of research being carried out in the Research Institutes and Universities in the entire region comprising the States of Punjab, Haryana, H.P., U.P., Rajasthan and even Eastern Western and Southern parts of the country. These facilities are also made available to the industries. The centre also undertakes the design, fabrication and repair of electronic instruments required by students and teachers from the University and the colleges around. It also runs training programmes in technical skills for the benefit of scientific community and associated laboratory staff from different institutions.

Facilities under UCIM

Name of the Laboratory	Major Facilities
Photonics	Photonics kits
Analog & Digital Electronics	CAD tool make ORCAD-9
Signal processing	Workstation (06)
Transducers	Various makes
Microprocessor in Instrumentation	Micro controller development system make ADM
Automatic Control System	MATLAB tool
Analytical Instrumentation	Various sophisticated analytical Instrumentation
Medical Instrumentation	Virtual Instrumentation Work bench make National Instruments
Virtual Instrumentation	
CAD/CAM	Workstation (06)
Instrumentation for special applications	Contact less smart card kit make SCL DSP Processors Kits

Other facilities include a Departmental library (with more than 2100 books) and 24 hour internet facility (six computers) for the students.

Faculty

Professor : **J.B. Singh**
(Director)

Assistant Professors : H.P.S. Kang Poonam Kumari Naresh Agnihotri
Ramesh K. Sharma Anil K. Sharma

Courses Offered :

COURSE	SEATS	DURATION
M.Tech. (Instrumentation)	10+3 SC/ST+2 NRI	2 years (4 Semesters)
M.Sc. (Instrumentation)	20	2 years 4 (Semesters)

ELIGIBILITY/CRITERIA

Course Name	Eligibility	Mode of admission
M. Tech. (Instrumentation)	B.E./B. Tech. or equivalent Degree in Chemical/Computer/Electrical/Electronics/Mechanical/Production/Instrumentation/Biomedical Engineering/M.Sc. in Physics or Electronics or Instrumentation as approved by AICTE), with Minimum 50% marks in aggregate.	<p>I. Admission to M.Tech. (Instrumentation) will be made by admitting GATE Qualified candidates. The merit list will be prepared according to the following criteria :</p> <p>GATE Score* : 50% Academic Weightage : 50% Academic Weightage will be based on the percentage of marks obtained by the eligible candidates in the qualifying examination (B.E./ B.Tech./M.Sc.).</p> <p>II. If any seat(s) remain unfilled, the same will be filled by admitting candidates on the basis of OCET merit. The merit list will be prepared according to the following criteria :</p> <p>Entrance Test (OCET) : 50% Academic Weightage : 50% Academic weightage will be based on the percentage of marks obtained by the eligible candidates in the qualifying examination (B.E./ B. Tech./ M.Sc.) *The GATE qualified Candidates need not to appear in the OCET- 2011.</p>
M.Sc. (Instrumentation)	B.Sc. Physics/Electronics/Instrumentation Science/Computer Science/Vocational Physics/Electronics or B.E. (E & TC) Instrumentation/Electrical & Electronics/Electrical/Electronics & Electrical Communications, with minimum 50% marks in aggregate.	The merit list will be made on the basis of academic weightage of the eligibility qualification.

MOU with Premier Institutions : Memorandum of understanding have been signed with CSIO (Chandigarh) which enables the M.Tech. students to have access to the facilities in these institution and provides for two way interaction between the faculties.

Internal evaluation : Internal and transparent evaluation of answer books has been adopted with effect from December 2005 examination. Evaluated answer books are shown to the students and the results compiled in the department itself. This leads to the speedy declaration of results as well as instill the confidence of the students in the evaluation system.

Speedy Project Viva Voce : A single panel system to conduct the Project viva-voce of M.Tech. IV semester students of each stream has been implemented w.e.f. 2005. This has drastically cut down the paper work at various levels and resulted in the speedy conduct of viva-voce and declaration of result which benefits the students towards their timely placements.

Job Placement : M.Tech. (Instrumentation) students have been placed in various industries pro organisations and academic institution.

Seminars/Workshops : Seminars by Faculty, SAIF staff and Guest speakers have been introduced for the benefit of students and staff. These Workshops are held and planned under IMS (Indian Microelectronics Society)and also as a SAIF programme.

Activities of the Centre can be accessed through the P.U. website **puchd.ac.in** under “*Instrumentations Facility*” on the main page or with the link to *Department/Engineering and Technology/UCIM*.

SWAMI SARVANAND GIRI PANJAB UNIVERSITY REGIONAL CENTRE BAJWARA (HOSHIARPUR)

About the Centre

The Panjab University, Chandigarh started its 2nd Technical Institute as an off-campus establishment in Kandi Area of Punjab at Hoshiarpur from the session 2006-2007. The campus has been started keeping in mind objective of upliftment of rural students through technical education, quality training program in need based modern technology, inculcation of moral, ethical and spiritual values in education at all levels. The campus has been established in a beautiful lush green environment with State of Art Infrastructure.

The institute offers B.E. Course in Computer Science, Engineering, Electronics & Communication, Engineering, Mechanical Engineering and Information Technology. In addition the LL.B. 3 years course, B.A. LL.B. 5 years course and M.C.A. have also started w.e.f. Session 2007-08.

The centre has well equipped Computer Science, Electronics, Mechanical, Electrical, Physics and Chemistry Laboratories to train the students. Along with other infrastructure the centre has workshop facilities, Library, Health Centre and student bus facility. State-of-the-art Computer facilities, independent Broad Band internet connectivity and Wi-Fi helps students to access the internet services beyond location barriers. The students undergoing the course are able to study in the conducive environment and infrastructure befitting to the level of the Panjab University under the able guidance of well qualified

faculty. The institute has research oriented faculty having Govt. funded research projects. The campus is also connected with the Hot-Line i.e. 24 hours uninterrupted power supply. With first batch of institute passing out in 2010, around 70% of the students have been placed in reputed companies with good packages. A separate Training and Placement cell has been created at the centre for training the students and searching better job opportunities for them. The placement campaign for 2011 batch has yielded success with reputed companies like Infosys Technologies, Tech Mahindra, Infogain, Tata Motors etc recruiting students in good numbers. Technical alliance with IBM for Centre of Excellence has matured and certain programs with Infosys Technologies and Sonalika International are in way. There are two Hostel one each for Boys & Girls. Efforts are also being made for the placement of MCA and law students along with B.E. which are quite encouraging.

Faculty of Engineering

Associate Professor	:	J.K. Goswamy (Director)		
Assistant Professors	:	Meenu Bhagat Neeraj Sharma Harkamalpreet Singh Naveen Dogra Prabha Sharma Aman Kaura Ankur Singh Kang	Manu Dogra Gurinder Singh Gurpreet Singh Jaspal Singh Suman Navneet Kaur Bindya	Jaswinder Singh Vinay Arora Suresh Kumar Mandeep Singh Walia Satish Kumar Ravinder K. Pal
Contractual Faculty	:	Jodh Singh	Kanwal Preet Singh	

Admission

The admission to B.E. courses at the Swami Sarvanand Giri Panjab University Regional Centre at Bajwara, Hoshiarpur, will be made on the merit of A.I.E.E.E. examination along with Joint Admission of other Engineering Institutes of Panjab University and Chandigarh.

Courses Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.E. in Electronics & Communication Engg.	50	4 years	10+2 examination with a minimum Percentage of 60% marks in the qualifying Exam. (55% for SC/ST & PH categories) with Physics and Mathematics as compulsory subjects along with one of the following subjects : Chemistry, Bio-Technology, Computer Science or Biology and Qualified in A.I.E.E.E. conducted by C.B.S.E. New Delhi.
Computer Science & Engineering	50	4 years	-do-
Mechanical Engineering	50	4 years	-do-
Electrical & Electronics Engineering	50	4 years	-do-

Notes: 1. A candidate must secure a Minimum of 15 percent marks in the All India Engineering Entrance Examination (AIEEE-2011) to qualify for admission.

However, candidates belonging to Scheduled Castes/Tribes and Physically Handicapped categories shall be eligible if they secure a minimum of 10 percent of the maximum marks of AIEEE-2011.

2. Candidates who have passed the 10+2 examinations from any other not recognized by the Panjab University will not be considered for admission.

LL.B. Course

Faculty of Law

Professor	:	Vacant (Director)		
Assistant Professors	:	Kumari Monika Vinay Sharma	Sukhbir Kaur Virender Negi	Pooja Sood
Contractual Faculty	:	Bawa Singh Sunil Kumar	Megha Dua Sandeep Saini	Rajni Nanda Surinder Kumar

Admission

The admission to B.A.LL.B (Hons.) 5 year Integrated Course and LL.B at Swami Sarvanand Giri Regional Centre, Bajwara, Hoshiarpur will be made on the merit of CET and O-CET conducted by Panjab University.

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.A.LL.B (Hons.) 5 year Integrated Course	50	5 years	Admission based on CET-2011 conducted by P. U.
LLB	50	3 years	(a) Those candidate who have passed/appeared Final year of Bachelor Degree in any faculty of P.U. with at least 45%marks (40%for SC/ST Student)

OR

(b) A Bachelors degree in any faculty of any University recognized as equivalent to corresponding degree of Panjab University with at least 45% of the aggregate marks (40% of SC/ST Student)

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
			<p>Provided that in case of candidates having Bachelor's degree of the Panjab University or any other University recognised by the Syndicate, through Modern Indian Languages (Hindi or Urdu or Punjabi) (Gurmukhi script) and /or in a Classical Languages (Sanskrit or Persian or Arabic), the aggregate of 45% marks (40% for SC/ST candidates) shall be calculated by taking into account the percentage of aggregate marks that he/she had secured at the language examination, excluding the marks for the additional optional paper English and the elective subject taken together.</p> <p style="text-align: center;">Or</p> <p>(c) Master's Degree in any subject from the Panjab University.</p> <p style="text-align: center;">Or</p> <p>(d) A Master's degree from any other university recognised as equivalent to the corresponding degree of the Panjab University.</p> <p>Note : The applicant who have obtained 10+2 or graduation/post graduation through open universities system directly without having any basic qualifications for prosecuting such studies are not eligible for admission in LL.B. course.</p> <p style="text-align: center;">Admission based on OCET.</p>

MCA Course

The MCA course has been started by the University at SSGPURC, Hoshiarpur in the session 2007-2008.

Faculty of MCA

Professor	:	R.K. Singla (<i>Co-ordinator</i>)		
Associate Professor	:	Satish Kumar		
Assistant Professors	:	Rajinder Singh	Rahul Jassal	
Faculty on Contract	:	Gurjit Singh	Vivek Sood	Samriti Mehta

Admission

The admission to MCA Course at Swami Sarvanand Giri Panjab University Regional Centre, Bajwara, Hoshiarpur will be made on the merit of O-CET conducted by Panjab University.

Course Offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
MCA	50	3 years (Semester System)	<p>The minimum qualification for admission to the first year of the Course shall be :</p> <p>(i) A recognized first degree of minimum three years duration in any discipline from P.U. with at least 50% marks and with Mathematics at 10+2 or graduation level (all three years);</p> <p style="text-align: center;">OR</p> <p>(ii) B.C.A. from Panjab University with 50% marks</p> <p style="text-align: center;">OR</p> <p>(iii) Any examination recognized by the Panjab University as equivalent to any of above examinations (i) or (ii)</p>

9. SCHOOL OF LEGAL STUDIES

DEPARTMENT OF LAWS

About the Department

The Department of Laws, originally established at Lahore in 1889, was re-established at Shimla in 1948, shifted to Jalandhar in 1950 and finally re-located at the University Campus at Chandigarh in 1959. Its Alumni include Judges of the Supreme Court and High Courts, Union Cabinet Ministers, State Chief Ministers, Cabinet Ministers, Ambassadors, Senior Bureaucrats, Police Officers and other legal luminaries.

The Department provides practical training to LL.B. students. One full paper of 6th Semester includes compulsory participation in two Moots, attachment with advocates in District Courts for 7 to 10 days, and special lectures by eminent Academicians, Judges and Senior Advocates which are compulsory as a part of curriculum. Every year the students of the department are sent to the Supreme Court of India as a part of the practical training programme.

It has established a Legal Aid Clinic-cum-Arbitration Centre as well as a Placement Cell. It is the only Department which has students Exchange Programme with ELSA under which various groups of students have gone from Chandigarh to Stockholm and vice-versa. The Department has provision for special lectures in memory of Justice Mehr Chand Mahajan and S. Ajit Singh Sarhadi. These lectures have been delivered over the years by eminent persons such as Justice V.K. Krishna Iyer, Justice V.S. Deshpande, Professor Upendra Bakshi, Dr. L.M. Singhvi, Professor Mool Chand Sharma, Justice J.S. Verma, Mr. Soli J. Sorabjee and Prof. M.R. Madhava Menon. It has a good library with more than 51,000 books and 52 regularly subscribed Indian and foreign journals. The Department has also the distinction of having Depository Library for United Nations Documents which is the only library with more than 8000 documents North of India. The Department regularly publishes a Law Journal (Panjab University Law Review).

ALSA : The Department has established Asian Law Students Association.

Dress Code : Black pant and coat, white shirt along with tie/scarf (prescribed) on Mondays, Wednesdays and on all formal occasions/functions i.e. moot courts, court visits, presentations, special lectures etc. The girl students have option to wear this dress or white salwar kameez with white dupatta and black coat.

Placement Cell : The Department has its own Placement Cell which encourages the students to undertake their internship after the class hours. The cell arranges internships to the interested students with leading lawyers, NGOs, Commissions etc. The Department has also started inviting the potential employers in the Corporate Sector for the purpose of recruitment of students in the Final year of their studies.

Faculty

Professors	: Shashi K. Sharma	P. S. Jaswal (on leave)	Nishtha Jaswal (<i>Chairperson</i>)
	Bhajan Kaur	Ranbir Kaur	Vijay Nagpal
	Shalini Marwaha		

Associate Professors	: Maninder Kaur Paramjit Kaur	Daya Nand Garg Devinder Singh	Meenu Paul Anupama Goel
Assistant Professors	: Vandana A. Kumar Babita Devi Shipra Kaushal	Geeta Joshi (on leave) Anil Kumar Thakur	Jyoti Rattan Dinesh Kumar

Courses offered :

LL.B. 3 years course (6 - semesters) (seats 202 + 27 NRI (Morning), + 202 (Evening))

A person who has passed one of the following examinations shall be eligible to join LL.B. course :

- (a) Bachelor's Degree in any faculty of Panjab University with at least 45% marks in the aggregate; (40% for SC/ST candidates).

OR

- (b) Bachelor's Degree in any Faculty of another University recognized by the Panjab University and the Bar Council of India securing at least 45% marks (40% for SC/ST Candidates) in the aggregate.

Provided that in case of a candidate having a Bachelor's degree of this University or any other University recognized by the Syndicate, through Modern Indian Languages [Hindi or Urdu or Punjabi (Gurmukhi Script)] and/or in a Classical Language (Sanskrit or Persian or Arabic) the aggregate of 45% marks shall be calculated by taking into account the percentage of aggregate marks that he had secured at the language examination, excluding the marks for additional optional paper, English and the elective subject taken together.

OR

- (c) A Master's Degree from the Panjab University.

OR

- (d) A Master's Degree from any other University recognized by the Panjab University and the Bar Council of India as equivalent to the corresponding Post-graduate degree of the Panjab University.

Note : The applicants who have obtained 10+2 or graduation/post graduation through open universities system directly without having any basic qualifications for prosecuting such studies be not admitted in law courses. No candidate will be admitted to the LL.B. course having any Degree in consistent with the University Grants Commission Regulations and also Bar Council of India, Rules of Legal Education 2008.

Admission to LL.B. Course shall be on the basis of an Entrance Test (OCET). Total marks for determining merit would be 200.

50% of 200 (100 marks for the entrance test)

50% of 200 (100 marks for the qualifying exam.)

The applicants having a compartment in their qualifying examination shall not be eligible to join LL.B. course irrespective of their clearing the entrance test.

Apart from the relevant Rules and Regulations in the Panjab University Calendars etc. applicable to various Law courses, the following provisions be noted specifically by the students with regard to their attendance, condonation of lectures, eligibility, promotion to next higher classes.

The Senate at its meeting held on 20.9.2001, Para XIII (o) has decided as under :-

“That w.e.f. the session 2002-03, the requirement of attending 75% (notwithstanding 66% as mentioned in the Regulation 3 of P.U. Cal. Vol. II, 2007 at 387) of the total number of lectures, tutorials, seminars, practicals stipulated in the UGC letter No. F.C.A. (CPP II) dated 26.7.2001 be made applicable from the academic session 2002-03”.

Note : Lectures shall be counted upto the last working day before lectures cease and the college/department closes for preparatory holidays.

The days spent by a student for competing examination conducted by Government for Public Services (from the first day to the last day of the examination as also the days of travelling connected with the examination) shall be counted on production of satisfactory evidence as attendance at lectures delivered to his class during the period of such absence.

A student who participates in Inter-University or University or Inter-Collegiate Tournaments or Youth Festivals or National and International Tournaments or similar other activities or NCC or University educational excursions or NSS etc. be allowed credit for an equal number of lectures delivered and tutorial, practical classes etc. held during the period he was away to participate in such an activity provided the student proceeds with prior permission of the Head/Chairman/Principal concerned.

Deficiency of lectures under Regulations shall be counted after giving the credit for attendance/participation in various activities as contemplated above.

For exhaustive information on condonation the Panjab University Calendars Vol. II (2007) and Vol. III (2009) may be consulted.

Rules for Condoning Deficiency in Lectures

The deficiency may be condoned by the Chairperson/Head of the Department of Laws as under :-

- (a) Up to 30 lectures in various paper/s to the best advantage of the candidate; and
- (b) Up to 8 lectures in the Law Moots, Tutorials, Visits to the Courts.

Provided that no condonation shall be allowed in regard to lectures delivered by experts.

Provided further that no condonation shall be allowed in case a candidate has attended less than 33% lectures for each paper/subject/tutorial moots.

Further, the Senate in its meeting held on 12.10.2003 Para XXIII decided as under :-

1. The Vice-Chancellor, on the recommendation of the Board of Control and for reasons to be recorded, be authorized to condone shortage of lectures up to another 10 lectures delivered in various paper(s) to the best advantage of the candidate in addition to the authority vested in the Chairperson/Head of the Department.
2. The Syndicate may, for reasons to be recorded, make further relaxation up to 10 lectures delivered in various paper(s) in cases of extreme hardship beyond the limit/s stipulated in (I) above.

Note : For condonation of lectures on the ground of extreme hardship cases, information to the effect along with supporting documents, if any, should be sent to the Department within seven days after the hardship is over.

Regulation 6.1 (a) of Panjab University Calendar Vol. II, 2007, page 388 provides that :-

“Promotion from 1st to 2nd, 3rd to 4th and 5th to 6th semesters shall be allowed to a student who fulfils the attendance and other requirements under the rules, even if he fails to appear or qualify in the papers prescribed for 1st, 3rd or 5th semesters as the case may be”.

As per the above decision, a student who fails to attend minimum of 75% of the total delivered lectures, practicals etc. will not be eligible to sit in the examinations. A student of 1st semester who fails to fulfill the required attendance as per rules will not be eligible to be re-admitted in the Department except by qualifying the entrance test afresh.

Regulation 6.1 (b) of the Panjab University Cal. Vol. II, 2007, page 388 provides that :-

“Promotion/admission to 2nd year (3rd Semester) or 3rd year (5th Semester) shall be allowed to a student provided he has passed in 5 out of 10 papers prescribed for 1st year (1st and 2nd Semesters) and 10 out of 20 papers prescribed for 1st and 2nd years (1st, 2nd, 3rd, 4th Semesters) as the case may be’.

The Rules for Inter-University and Intra-University migration are the same except the criterion for the determination of merit. Depending upon the availability of seats, migration is permissible in the 3rd and 5th semester evening classes only provided the candidate is already a student of 3rd/5th semester in some other University/Regional Centre/Institution constituent/affiliated to Panjab University.

LL.M. 2 years (4 Semester) (Seats 42 + 4 NRI)

A person who has passed one of the following examinations shall be eligible to join the first semester class of the LL.M. Course :-

- (a) LL.B. degree examination of this University; or
- (b) B.A. LL.B. (Hons.) 5 year Integrated course of Panjab University; or
- (c) Any equivalent examination of another University recognised by the Syndicate for this purpose.

Admission to LL.M. Semester-I shall be on the basis of an Entrance Test (OCET). Total marks for determining merit would be 200 :-

50% of 200 (100 marks for the entrance test)

50% of 200 (100 marks for the qualifying exam.)

Provisions are there for Ph.D. & LL.D. in Law. Details in this regard are contained in the Panjab University Calendar Vol. II, 2007, pages 402-409.

Ph.D.

The Department has the facility for enrolling candidates for the Ph.D. Degree in the Faculty of Law. The University Grants Commission has laid down the new guidelines **vide letter No. 1-1/2002(PS)Pt file-III, dated August 2009** which have come into force w.e.f. **11th July, 2009** and the same have been adopted by the Syndicate and are applicable to the Department of Laws as well. The enrolment of Ph.D. students shall be as per the new guidelines of UGC.

The enrolment form along with Booklet containing relevant rules and regulations on the subject may be obtained on payment from the Cash Counter, S.B.I. near Administrative Block, Panjab University, Chandigarh.

For eligibility and submission of thesis for the degree of LL.D., see Regulations on pages 408-409 P.U. Cal. Vol. II, 2007.

Thrust Areas

The Department of Laws, Panjab University is actively involved in teaching and research in the field of Law. Besides teaching about 1000 students of LL.B., and 30-40 students of LL.M., the teachers of the Department actively involve themselves in guiding research as well as doing their own research work. Every student of LL.M. is required to submit a dissertation as a part of syllabi. A number of Ph.D. scholars are also registered under the teachers of the Department. The major areas of research are Constitutional Law, Human Rights, Family Law, International Law, Administrative Law, Law of Taxation, Criminal Law, Law of Property, Labour Law and Environmental Law etc. In the field of Human Rights, the research is being conducted both at the LL.M. and Doctorate Level. Some of the teachers have also authored books on topics on Human Rights and related subjects. The teachers of the Department have also been participating in various international and national Seminars/Conferences both in India and abroad. Four teachers of the Department have also successfully completed the Course in Human Rights conducted by the International Institute of Human Rights at Strasbourg (France), and subsequent to the completion of this Course, the said teachers completed their internship in various International Institutions at Geneva such as U.N. Division of Human Rights, High Commission for Refugees, International Labour Organisation and ICRC. During the session 1999-2000, the Department conducted Special Course on Human Rights in which 18 students of LL.M. presented research papers on different aspects of the Human Rights. The Department organized a three day seminar 'Outreach Training Programme on Disability & Human Rights' from 23rd to 25th March, 2005. A national conference sponsored by UGC on Human Rights Education : A Futuristic Approach was organized by the Department on 3rd and 4th February, 2007. A seminar on 'NRI Abandoned Brides : A Challenge to Meet' was held on 13th February, 2007. A Special Lecture was delivered by Dr. Hassan Fancy from Canada on "*Demonstrative Advocacy*" on 24.2.2009. "Shri Dip Chand Memorial National Moot Court Competition" was organized on 28th February and 1st March, 2009. A Panel discussion on "Surrogacy : Bane or Boon" was organized on 4.3.2009. A Seminar on "Protection and Promotion of Human Rights in India : Reality and Challenges in N.W Region" was organized on 20-21 March, 2009. The Department organized a National Seminar on "New Dimensions of Prison Reforms" in collaboration with Institute of Correctional Administration, Chandigarh Administration on 18th and 19th September, 2009. The Department organized a Seminar on "De-Mystifying Competition Law : Aspiration of Indian Industry" in collaboration with Rajiv Gandhi Foundation on 6.11.2009. The department organized All India Law Congress 2010 on the topic "Law as a Facilitator of Socio-Economics Reforms in the Present Decade" on 27-28 March, 2010. The department in collaboration with Association of British Scholars, Chandigarh Chapter organized a Seminar on Judicial Accountability on 18.9.2010. The department in collaboration with Rajiv Gandhi Institute of Contemporary Studies (Rajiv Gandhi Foundation, New Delhi) and Friedrich Naumann Stiftung Fur Die Freiheit, New Delhi organized one day Seminar on "Rule of Law" on 12.11.2010. The Department and UILS in collaboration with Sarin Memorial Legal Aid Foundation organized Second Leiden-Sarin International Air Law Moot Court Competition on 29.1.2011.

The Department also undertakes social activities and every year organizes Blood Donation Camp where a large number of students, employees and faculty members donate blood.

UNIVERSITY INSTITUTE OF LEGAL STUDIES

About the Institute

University Institute of Legal Studies (UILS) was established as constituent department of Panjab University, in the session 2004-05. During a short span, it has emerged as one of the premier legal education institute with a unique combination of tradition and modernity. Its mission is to equip students with the expertise to diagnose and plan for problems through legal analysis and reasoning. To hone up their

‘DRAIN’ skills –Drafting, Research, Advocacy, Interviewing and Negotiation- the Institute arranges a number of curricular and extra-curricular activities. Students are trained in techniques of procedural laws, essence of the substantive laws, methods of client counseling and skills of library and computer research etc. The Moot Court Competitions, Client Counseling Sessions, Quiz Contests, Seminars, Group Discussions and Extension Lectures etc. are a regular feature of the academic calendar of the Institute. Besides, to update the students about the contemporary issues and developments, the Institute brings out a refereed research journal annually and a bi-annual student magazine ‘Legal-eagle’. Our student Journal - ‘UILS Law Review’ is also in the pipeline. In addition, students get an insight into the ‘law in action’ through compulsory internships with Hon’ble Judges of Supreme Court, Punjab and Haryana High Court, Eminent Lawyers, Legal Firms, NGOs, etc. This action ‘process’ together with discussions on sociological, linguistic, economical and political developments compels the students to understand that lawyers play an important role as ‘facilitators’ of a wide range of personal, social, political, economic and legal transactions.

Infrastructure

The strong infrastructure of UILS significantly boosts its efforts to become a center of excellence. It has an independent four storeyed building consisting of 18 spacious classrooms and other modern facilities. Besides, the institute houses one of the richest law libraries of the region. It stocks about 10,000 text and reference books (authored by Indian and foreign authors) along with a treasure of encyclopedias, dictionaries, e-sources and other reference material. The library subscribes to over 60 international and national legal and other journals. It has a well-equipped ‘Computer Lab’ with about 50 computers backed by free internet connectivity and Wi-Fi facility. Further the Institute is in the process of establishing a world class ‘Legal Skills Clinic’ and well furnished separate common rooms for boys and girls, Conference Room and Seminar Hall.

Faculty

The credit for escalation and expansion of UILS goes to its following brilliant and dedicated faculty members, who have been relentlessly engaged in generating quality teaching and research.

Professor : **Sangita Bhalla**
(Director)

Asstt. Professors :	Sasha	Navneet	Chanchal Narang
	Pushpinder Gill	Shruti Bedi	Jasmeet Kaur
	Sarabjit Kaur	Meenu Kaushik	Sabina Salim
	Stellina Jolly	Amita Verma	Jai Mala
	Jasneet Kaur	Karan Jawanda	Anju Berwal
	Bharat	Ajay Ranga	

Course Offered :

B.A. LL.B (Hons.) 5 years Integrated Course & B.Com LL.B. (Hons.) 5 years Integrated Course

SEATS : 180 (Sanctioned by Bar Council of India vide letter No. BCI:D:1417, 2009 (LE.Mtg) dated 15.9.2009. (These seats are subject to reservation as per Panjab University Rules and Regulations).

Subject to the approval of Bar Council of India, 60 seats out of 180 seats could be reserved for B.Com. LL.B. (Hons) 5 years Integrated Course. Otherwise, all 180 seats will be treated as seats for B.A. LL.B. (Hons.) 5 years Integrated Course.

Eligibility Criteria :

- (a) **B.A. LL.B (Hons.) 5 years Integrated Course :** Candidates should have passed 10+2 examination in any stream from any recognized Board/University except “through Open Universities system **directly without having any basic qualification for prosecuting such studies are not eligible for admission in the law courses....**” (Bar Council of India communication No. Le:Cir: 02//2010 dated 20.12.2010).
- (a) (i) **B.Com. LL.B (Hons.) 5 years Integrated Course :** Candidates should have passed 10+2 examination **in commerce stream** from any recognized Board/University except “through Open Universities system **directly without having any basic qualification for prosecuting such studies are not eligible for admission in the law courses....**” (Bar Council of India communication No. Le:Cir: 02//2010 dated 20.12.2010).
- (b) The candidate must not be above 20 (22 in case of SC/ST candidates) years of age on 1st November of the year in which admission is sought to 1st semester of B.A./ B.Com LL.B. (Hons.) 5 years Integrated Course.
- (c) The admission shall be on the basis of (academic merit or entrance test or both) as may be prescribed by the Syndicate from time to time.

Admission :

For admission to 1st Semester of B.A./B.Com. LL.B (Hons.) 5 years Integrated Course, Panjab University conducts an entrance test. The merit list for admission is prepared out of 200 marks, based on cumulative score of the candidate in entrance test and qualifying examination as per the details given below :

50% of 200 (100 marks for Entrance Test)

50% of 200 (100 marks for the Qualifying Examination)

RULES REGULATING ADMISSION AND PROMOTION TO B.A./B.COM. LL.B (HONS.) 5 YEARS INTEGRATED COURSE (1-10 SEMESTERS)

1. B.A./B.Com. LL.B (Hons.) is a 5 year integrated course consisting of 10 semesters. Each academic year is divided into two semesters.
 - (i) July to December
 - (ii) January to May
2. A candidate admitted to any of the courses shall be eligible to appear in the semester examinations, if he has attended at least 75% of the lectures/special lectures/tutorials/moots/visits to court or other institutions etc. as may be delivered or arranged during the semester.

Provided that the deficiency in this attendance requirement may be condoned as follows :

- (a) Upto 30 lectures in a paper/(s) in total to the best advantage of the student and upto 10 lectures in special lectures/moots/visits to Courts or other institutions by the Academic Committee & Board of Control of the UILS.
- (b) In exceptional cases, the Vice-Chancellor, on the recommendation of the Academic Committee & Board of Control of the UILS, may condone upto 10 lectures in a paper/(s) to the best advantage of the student beyond the condonation done by the Academic Committee and Board of Control of the UILS.
- (c) The Syndicate may, for reasons to be recorded, make further relaxation up to 10 lectures delivered in various paper(s) in cases of extreme hardship beyond the limits stipulated above (vide Para 33 (6) Syndicate meeting held on 29.11.2004). (These provisions relating to condonation of lectures have been approved for UILS vide Para 37 (iii) of Syndicate meeting held on 3.12.2007).

Explanation : A student who falls short of lectures in the 1st Semester will seek admission again in the 1st semester through entrance test provided s/he fulfills all other eligibility conditions.

- 3. To be declared pass in a semester examination, a student, must have obtained at least 45% marks in each paper respectively.

“Explanation : A student shall be considered as pass in a paper only if s/he has secured 45% marks in internal assessment and theory paper separately.”

- 4..(i) Promotion from 1st to 2nd, 3rd to 4th, 5th to 6th, 7th to 8th & 9th to 10th semesters shall be allowed, if a student has fulfilled the attendance and other requirements, even though he has failed to appear in the examination for the semester respectively from which he is being promoted.
- (ii) Promotion from 2nd to 3rd, 4th to 5th, 6th to 7th, 8th to 9th semesters shall be allowed only if a student has passed at least 50% of the papers of the 1st & 2nd, 3rd & 4th, 5th & 6th, 7th & 8th semesters respectively as the case may be.
- (iii) xxxxxxxx (*deleted, as per Para 30 of the Syndicate meeting held on 29.6.2010*)
- (iv) All the papers of the 10 semesters must be passed by a student within 8 years from the year of admission to the 1st semester of the concerned course.
- (v) The aggregate percentage of marks of all 10 semesters obtained shall be entered in the B.A./ B.Com. LL.B (Hons.) 5 years Integrated Course degree to be awarded by the University.
- (vi) On passing, all the 10 semester examinations a candidate will be placed on the basis of aggregate marks of all 10 semesters as under.

50% or above but below 60% marks-2nd Division
60% or above but below 75% marks-1st Division
75% or above marks-1st Division with Distinction

(Syndicate Para 39, dated 24.1.2004)

5. Every candidate shall pay such examination fee for each semester/re-appear examination as may be prescribed by the Syndicate from time to time. S/he must submit the examination form along with the prescribed fee for the semester/re-appear examination before the last date through the Director, UILS.
6. The medium of instructions and examination for B.A. LL.B (Hons.)/B.Com LL.B. (Hons.) 5 years Integrated Course shall be English.
7. **Five percent freeships are available for meritorious students belonging to economically weaker sections of the society in UILS. (vide Syndicate decision dated 28.2.2003).**

For purpose of the above concession, the student must have passed 10+2 examination with minimum of 50% marks (proof to be added) and her/his total family income from all sources should not exceed Rs. One lac per year. For proof of family income from all sources, the student shall submit an income certificate issued by the Deputy Commissioner/Tehsildar/SDM of her/his area or the employer of the earning member of the family as the case may be. In addition to this, the student must submit an affidavit duly attested by 1st Class Judicial Magistrate, giving full details of total family income. Such a student shall be exempted from payment of tuition fee only. However, s/he shall be required to pay all other University/institutional funds being paid by other students. For award of freeship, in case of the students having the same merit position, the student holding yellow card/yellow ration card would be given preference over the other/(s).

8. Rules/Regulations of Bar Council of India (as approved and adopted by the Panjab University from time to time) shall be applicable to the B.A./B.Com LL.B (Hons.) 5 years Integrated course.
9. **RULES FOR MIGRATION TO B.A.LL.B (HONS.) 5 YEARS INTEGRATED COURSE.**
 - (a) Migration cannot be claimed as a matter of right.
 - (b) No migration will be allowed in 1st, 2nd, 4th, 6th, 8th, 9th and 10th semesters.
 - (c) Migration can be allowed only in 3rd, 5th, and 7th semester of B.A./B.Com. LL.B (Hons.) 5 years integrated course.
 - (d) Migration can be allowed to a student studying in B.A.LL.B (Hons.) 5 years Integrated Course of any other Institution which is recognized as equivalent to the B.A.LL.B (Hons.)/B.Com. LL.B. (Hons.) 5 years Integrated Course of Panjab University.
 - (e) A student migrating from another University/institute must have secured atleast 45% marks in the aggregate in the preceding year/(s).
 - (f) Only those students may be considered eligible to seek migration, who have cleared all the papers of the examinations in which they had appeared from the Institution from which migration is to be sought.
 - (g) (i) Migration will be done according to inter se merit.
 - (ii) For students of any other University seeking migration to UILS, the maximum marks obtained by the top student of that University will be normalized against the maximum marks obtained by the top student of Panjab University in order to prepare the merit list.

- (h) No migration shall be allowed if there is difference of more than 2 papers (not subjects) of the course content taught in the Panjab University and in the Institution from which the student is seeking migration, in the examinations of the semesters passed by the students. The deficient papers have to be cleared within 2 consecutive attempts, failing which the student will not be promoted to the next semester.
- (i) Migrated student shall pay the amount of fee which s/he was required to pay in the University/College/Centre from which s/he is migrating i.e. the sum of rupees equivalent to the annual dues, tuition fee, admission fee, NRI fee etc. Or the fee applicable at the University Institute of Legal Studies, whichever is higher, for the remaining period of the study at the University Institute of Legal Studies, Panjab University, Chandigarh.
- (j) A student seeking migration shall have to apply on the prescribed proforma by 31st July to the Director, UILS. Migration will be allowed only on the basis of merit as defined in Clause (g) above.
- (k) Migration shall not be allowed unless a student produces the following documents/certificates issued by the University/College/Centre from which s/he intends to migrate:
 - (a) 'No Dues Certificate' along with the amount of fee being paid by her/him to the said University/College/Centre;
 - (b) The lower examinations pass certificates;
 - (c) The 'Lecture Statement' and 'Character Certificate' from the University/College/Centre from where s/he intends to migrate; and
- (l) Migration may be allowed only if there is (are) vacancy (ies) in the Semester in which migration is being sought.
- (m) For Migration, the fee of Rs. 40,000 or as prescribed by the Syndicate from time to time shall be charged.

(approved in Syndicate meeting held on 27.2.2010 Para 11)

- 10 A student of B.A./B.Com. LL.B (Hons.) 5 years Integrated course be awarded the degree of B.A./B.Com after successful completion of the first three years of the course. However, if s/he completes all the 5 years, then s/he shall be awarded B.A./B.Com LL.B (Hons.) 5 years Integrated Course Degree on surrendering the first degree of B.A./B.Com.
- 11. Each paper of the 10 semesters is of 100 marks. Out of which 80 marks shall be for theory paper and 20 marks shall be for internal assessment.

The split-up of 20 marks of Internal Assessment is as follows :

Project Report/Moot/Term paper	8 marks
Presentation/Viva-Voce/GD	8 marks
Attendance/Punctuality & Conduct	4 marks
Total	20 marks

**FEE STRUCTURE FOR B.A.LL.B (HONS.) 5 YEARS INTEGRATED COURSE AT P.U.,
CHANDIGARH.**

Admission fee	Rs. 1000 p.a.
Tuition fee	Rs. 25,000 per semester
Library & Computer Fund	Rs. 3000 p.a.
Practical Training Fund/ Moot Fund	Rs. 2000 p.a.
Law Review/ magazine Fund	Rs. 200 p.a.
Placement Fund	Rs. 500 p.a.
Social Function Fund	Rs. 500 p.a.
Visit to other Educational/Justice/Legal Institutions fund	Rs. 500 p.a.
Development Fund	Rs. 5000 p.a.
Water & Electricity Fund	Rs. 1200 p.a.
Identify Card fee	Rs. 50 p.a.
Special Lecture Fee	Rs. 500 p.a.
Educational & Cultural exchange Fund & Alumni Membership fee	Rs. 600p.a.
Upkeeping of Institution Fund	Rs. 1500 p.a.
Library Security FeeRs.	230 for 1 st semester students only

Important Notes :

1. In addition to above, other miscellaneous fee/funds/charges (not covered above) are required to be paid by the students as the case may be as per University Rules and Rules of Bar Council of India as approved by Panjab University from time to time.
2. The fee for Foreign Nationals/PIO/NRI candidates be fixed as US \$2350 p.a. NRI (Registration) Fee of US \$ 650 or US \$ 440 as the case may be payable by the NRI etc. as per Univ. Rules + other usual charges. Out of US \$2350 p.a., US \$ 2120 would be Tuition Fee and US \$230 would be credited to the University Development Fund.

PANJAB UNIVERSITY REGIONAL CENTRE, LUDHIANA

Panjab University Regional Centre, Ludhiana was established on the campus of P.U. Extension Library Ludhiana in the year 2003 on 2.75 Acres of land situated in the Civil Lines areas of Ludhiana. The then Vice-Chancellor took keen interest and fulfilled the long standing demand of the residents of Ludhiana,

for quality professional (legal and management), education by setting up this Regional Centre. A sum of Rs. 100 lacs for the construction of the new building was arranged with the personal influence of then Vice-Chancellor from Sh. Lala Lajpat Rai, M.P. out of the M.P. Local Area Development Fund Scheme and the Institute was formally inaugurated by his Excellency the Governor of Punjab, Justice O.P. Verma on 05th October, 2003.

Faculty

University Business School, Ludhiana

Professor	:	Deepak Kapur (Director)		
Associate Professor	:	Ravi Inder Singh (Resident Coordinator)		
Assistant Professors	:	Taranjeet Singh Shashi Kapoor	Monika Kansal Tarun Kumar Vashisth	Ashish Saihpal

Course offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA	
M.B.A.	57+9NRI	2 Years (4 Semesters)	Admission based on CAT	
Assistant Professors (Laws) :		Arti Puri Aditi Sharma Vaishali Thakur	Supinder Kaur Ashish Virk Neelam Batra	Aman A. Cheema Shiv Kumar Dogra Harpreet Kaur Vohra
Guest Faculty (Laws) :		Rajnish Saryal Pooja Sikka	Jasbir Singh Jaspreet Kaur	Ruchika

Courses offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
B.A., LL.B. (Hons.) 5 Years Integrated Course (Self Finance)	87+8NRI	5 years (10 Semesters)	Admission based on CET
LL.B. (Self Finance)	72+09NRI	3 years (6 Semesters)	Admission based on O-CET

10. SCHOOL OF LANGUAGES

DEPARTMENT OF CHINESE AND TIBETAN LANGUAGES

About the Department

The Department of Chinese and Tibetan Languages was established in 1964 under the name of Central Asian Studies with the aim to provide language support for the research work undertaken in Central Asian regions. The department got its present name as Department of Chinese and Tibetan Languages in 2003. Presently department is running language courses in Tibetan and Chinese. Beside this, Post Graduate Diploma in Buddhist Studies was introduced in 2006. The research guidance is also being provided in the field of Tibetan and Buddhist Studies.

Dr. V.K. Singh, Associate Professor in Tibetan is at present the Chairperson. He joined the Department in 1994. He has the experience of working in University of Delhi as JRF under the Tibetan lama teacher, Late Professor Geshe Gelek Gyatso. Dr. Singh is also incharge of Arts Block-5. He has authored one book which has been included in the Universities in curriculum. Dr. Singh has also contributed several research articles to his credit and also participated in many National and International conferences. Professor Damodar Panda is teaching Chinese Language courses.

Location : Department is situated mainly at the Ground Floor of Arts Block-5 which is between Arts Block 1 and 2.

Rooms/Classrooms/Office : Five Rooms from No. 108 to 112 including library and one Lecture Hall (Room No. 115). Also one Room is at First Floor for computer lab.

Computer Lab. : Departmental Computer Lab is under process of establishment.

Departmental Library : Departmental Library is situated in Room No. 108 and Room No. 109. It consist of more than 500 books and journals in Tibetan Language, Tibetan Studies, Buddhist Studies, Chinese Language and Studies.

Faculty

Professor : Damodar Panda

Associate Professor : **Vijay Kumar Singh**
(Chairperson)

Assistant Professor : Vacant-1

Courses offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Certificate in Tibetan	57	One Year	Intermediate/Hr. Sec./Pre-Univ./Plus 2.
Diploma in Tibetan	17	One Year	Certificate in Tibetan from P.U./other Board/University.

Diploma of Proficiency for Interpretership in Tibetan	11	One Year	Diploma Course in Tibetan from P.U./other Board/University.
Certificate in Chinese	57	One Year	Intermediate/Hr. Sec./Pre-Univ./Plus 2.
Diploma in Chinese	11	One Year	Certificate in Chinese.
Advance Diploma in Chinese	11	One Year	Diploma in Chinese.
P.G. Diploma in Buddhist Studies	20	One Year	Graduation from any recognised Univ.

Ph.D.

The Department provides the supervisory facility to the eligible candidates for research leading to Ph.D. Degree in interdisciplinary subject in the under mentioned areas :

Tibetan Studies, Buddhist Studies, Chinese Studies.

The student seeking admission to entry level i.e. Certificate course should possess +2 certificate/degree or equivalent from any recognised University/Board.

The student seeking admission to P.G. Diploma in Buddhist Studies should be Graduate in any discipline from any recognized University.

Class Timings : The classes were held usually in evening although teachers are available whole day for consultation and tutorials.

Thrust Areas : Tibetan Language, Buddhist Studies, Chinese Language.

DAYANAND CHAIR FOR VEDIC STUDIES

About the Chair

The Chair was established in 1975. The aims and objectives of the Chair include the study of the life, works and ideas of Swami Dayanand in the field of Vedic Literature, Religion and Culture, with special reference to his interpretation of the Vedas and his other writings.

Faculty

Professor	:	Vikram Kumar (Acting Chairperson)
Assistant Professor	:	1 Vacant
Research Fellow	:	1 Vacant

Ph.D.

The department admits students for research leading to Ph.D. degree in Vedas, Vedic Literature, Religion, Culture and Philosophy. One Research Fellowship of the University is attached to the department.

Reference Library on Vedic Literature and Swami Dayanand

The Chair maintains a specialized library containing appx. 2,500 books on the Vedas, Vedic Literature, Arya Samaj, Swami Dayanand and the relevant field of Studies.

Seminar/Symposia

The Chair organises from time to time Seminars/Symposia to discuss and evaluate Swami Dayananda's Religious, Social, Economic, Educational, Political and Philosophical thoughts and his unique contribution to the study of Vedas and Vedic Literature. These Seminars draw the attention of Vedic Scholars to the relevance of the Vedas in the Modern times.

DEPARTMENT OF ENGLISH & CULTURAL STUDIES

The Department of English is one of the Premier Centres of English in the country. It offers subjects ranging from Contemporary British Literature to Indian Writing in English, from World Literature to Contemporary Critical Approaches. It has a Language Lab. with multi-media facilities. In addition, there is a Library which stocks relevant books on Literature & Language. Apart from imparting instruction at the Master's and Under-graduate (B.Sc. Hons.) levels, research work on a large scale in new and challenging areas is being conducted by the Faculty as well as students.

The department organizes and extra-curricular activities : Quiz Contests, Seminars, Declamation Contents, Group Discussions and Annual Play Productions. In addition, the Department brings out a refereed research journal annually. The faculty of the Department is actively engaged in research pursuits and each member has authored several books/research papers. The faculty includes several highly visible academics who have traveled extensively for academic purposes.

Faculty

Professors	:	Pushpinder Syal Anil Raina Pratibha Nagpal Akshaya Kumar	Shelley Walia Rana Nayar (<i>Chairperson</i>) Rumina Sethi	Manju Jaidka Harpreet Pruthi Lovelina P. Singh Deepti Gupta
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Associate Professor : Tania Mehta

Assistant Professors : Surbhi Goel Meenu Gupta

Teacher Fellow : Renuka Thapliyal

UGCJRF : Ramanpreet Kaur Nwedita Gupta

Courses offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	143+15 NRI+6* *Functional Eng.	2 years	Entrance Test (OCET) + Bachelor Degree in any stream with 50% marks
M.Phil.	20+2NRI	1 year	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3 –5 years	Entrance Test+ 55% marks in M.A.
EPC (English Proficiency Course)	30	3 months	Graduation in any discipline

Thrust Areas :

The department concentrates on a wide range of subjects which includes : British Literature (Poetry, Prose, Fiction and Drama), American Literature, World Literature, Post Colonial Writings, Critical Theory, Australian Literature, Linguistics & Communication Skills, Feminism (Theory & Practice), Film & Media Discourse.

DEPARTMENT OF FRENCH & FRANCOPHONE STUDIES**About the Department**

The Department of French was established in 1957. Though it started with elementary courses, it has come a long way. The Department now offers six different courses to a strength of more than 200 students and is one of the best in the Northern India.

Under the auspices of the French Literary Society, various academic and cultural activities are conducted throughout the year. Lectures by eminent scholars are also arranged. It is compulsory for all students of the Department to enroll themselves as members of the Society at the time of admission. The Department uses audio-visual aids including computer for the teaching of French. The Department's Library provides a rich collection of books in French.

Faculty

Professor	:	Cecilia Antony (<i>Chairperson</i>)	
Associate Professors	:	Manoranjan Gurbax Singh	Gunita Randhawa
Assistant Professors	:	Arun Rashmi Tickoo	Ramnik Aurora

Courses offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Certificate Course	286+38 NRI	1 year	Graduate/Undergraduate candidates/Hr. Sec./Plus 2.
Diploma Course	29	1 year	Certificate Course in French/B.A. I with French elective. A2 de 1 ^{re} Alliance Francaise
Advanced Diploma Course	17	1 year	Diploma Course in French/B.A. II with French Elective/equivalent exam. recognised by P.U/BI de 1 ^{re} Alliance Francaise.
M.A.	17	2 years	B.A./B.A. (Hons.) + Adv. Diploma in French with 45% min. or B.A. with 45% in Fr. Elective or B.A. (Hons.) with French.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

The Department offers a programme of research leading to a Ph.D. degree. Major areas of research are : French language, literature including comparative literature and translations.

Thrust Area

The Department undertakes various translation projects.

DEPARTMENT OF GERMAN

About the Department

The Department of German was established in 1960. Starting with the elementary courses in the evening, the Department today offers Ph.D. Programme as well. It is the biggest and the only Department in the universities of Punjab, Haryana, Himachal, J & K and Uttaranchal having the facility of conducting Ph.D. Programmes in German.

Many students of the Department have received Scholarships for higher studies in Germany in various fields. Through translation work for the CIIPP Cell of the University, the Department is actively providing support for the University's endeavour to serve the larger community. The faculty has been engaged in the exchange of scholarship in the International sphere.

Faculty

Professor : Man Mohan Singh Chauhan

Associate Professor : **Jeewan Kumar Sharma**
(*Chairperson*)

Assistant Professor : Arijit Dakshi

Courses offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Certificate Course	136	1 year	Hr. Sec.Part-II/Pre-Uni./ +2 or equivalent or 3 years Diploma from Indo-Swiss Trg. Centre.
Diploma Course	34	1 year	Cert. Course in German/B.A.-I with German elective/equivalent exam. recognised by P.U.
Advance Diploma	23	1 year	Diploma Course in German/equivalent exam. recognised by P.U.

Ph.D.

Admission to Ph.D. in German will be made as per University rules.

Class-timings

Classes for all the courses are normally held in the evening. However, morning/afternoon groups can be arranged if sufficient number of students opt for the same.

Thrust area

German Language and Literature/Translation.

GURU RAVI DASS CHAIR**Faculty**

Professor : Vacant
(Charge with the DUI)

Guru Ravi Dass Chair is Committed to encourage the study and research on various aspects of the life, works and teachings of the great Saint-Poet, Sri Guru Ravi Dass Ji. Special emphasis is laid on the study and research of Medieval Indian Sant Sahitya.

The Chair is engaged in collection of Sant Vani especially the Vani of Saint-poets of Punjab. Some rare important manuscripts have been procured for our Departmental Library.

So far 35 students have been awarded Ph.D. degrees. The Chair enrolled 2 Research Scholars for the Degree of Doctor of Philosophy.

DEPARTMENT OF HINDI**About the Department**

The Department of Hindi was established in 1938. It is one of the oldest Hindi Department in the Country. During early late Sixties, the Legendary Scholar, Acharya Hazari Prasad Dwivedi joined the Department as the Head. Since then, the Department has undoubtedly been major centres of Hindi Studies

in the country. The Department provided good infrastructure, including computerization and Departmental Library for students and researchers.

The Department has obvious contribution towards research in Hindi Studies through the works of Acharya Hazari Prasad Dwivedi, Dr. Ganpati Chander Gupt, Dr. Ramesh Kuntal Megh, Dr. Indernath Madan, Dr. Dharam Pal Maini, its great teachers. The Department has been publishing a leading National journal of Research namely, 'Parishodh.' Well-known Hindi writers such as Mohan Rakesh, Ravinder Kalra, Ganga Prasad Vimal, Virendra Mehendiratta, Dr. Paresh, Dr. Atul Vir Arora have been among its students.

Faculty

Professor	:	Neerja Sood	
Associate Professors	:	Satya Pal Sehgal (<i>Chairperson</i>)	Baij Nath Prasad
Assistant Professors	:	Ashok Kumar	Gurmeet Singh
UGC/RGNFS	:	Santosh Rani	
JRF	:	Navneet Kaur	Narinder Kumar

University Research Fellows : Pawan Kumar Pooja

Courses offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68	2 years	B.A. with 45% in Elective or 50% aggregate.
Diploma Course in Translation (English to Hindi)	68	1 year	Bachelor's Degree or equivalent Exam. Admission criteria passed by University, including written test.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines.

Thrust Area

Medieval and Modern Hindi Literature, Indian Poetries.

Specializations : Philology, Tradition of Hindi Ram Kavya, Hindi Fiction, Modern Hindi Poetry and Prose etc.

SCHOOL OF PUNJABI STUDIES

DEPARTMENT OF PANJABI

The Panjabi department was established in 1948-49 at Amritsar and later on in 1958 at Chandigarh, initially M.A. courses in Panjabi were started in the department and with the passage of time, other courses were also started to cater of the needs of the students. Keeping in view the need of the students M.Phil. course in Panjabi was started to fulfil the condition laid down by the UGC for eligibility of Lectureship. Similarly another M.Phil. course in Guru Granth Sahib Studies was also initiated in the year 1999-2000. In addition we are running Diploma in Translation, Diploma in Panjabi Language and Culture and Certificate Course in Functional Panjabi in the department. Besides, research leading to the Ph.D. is also undertaken by the faculty of the department. At present more than 100 students are pursuing their doctoral degree research in the department.

Faculty

Professors	:	Nahar Singh	Jagjit Singh	Joginder Singh Nehru (Chairperson)
		Sukhdev Singh	Surinder Kumar Deweshwar (Re-employed)	
Associate Professor	:	Yog Raj Angrish		

Courses offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68	2 years	B.A. or equivalent with 45% in Panjabi Elective or 50% aggregate, on Merit basis.
Cert. Course in Functional Pbi.	31+4NRI	1 year	+2/B.A./Old F.A./ equivalent without Pbi.
Diploma in Pbi. Language & Culture	17+2NRI	1 year	B.A./B.Sc. without Pbi. or equivalent exam. or Pass Cert. Course in Func. Pbi., on Merit basis.
Diploma in Translation (Eng. to Pbi.)	11	1 year	B.A. or equivalent exam.
M.Phil.	25 25 (SSGGS)	1 year	See General Important Guidelines at page iii.

Research

Facilities are available for research leading to the Ph. D. Degree.

Research Journal

A Biannual University Research Journal of Punjabi entitled 'PARKH' is published to promote research work.

BHAI VIR SINGH STUDIES IN MODERN LITERATURE

Faculty

Professor : Vacant
(Charge with Chairperson, School of Panjabi Studies)

The Chair enrolls students for Ph.D. who wish to undertake research on Modern Panjabi Literature & Comparative Literature.

LECTURES:

The Chair organises the following lectures :

- (i) Justice Teja Singh Memorial Lecture on Punjabi Culture and Punjabi Literature.
- (ii) Swami Ram Tirath Memorial Lecture on Spiritualism.

SHEIKH BABA FARID CHAIR

About the Chair

The Chair was established in 1976.

Faculty

Professor : Vacant
(Charge with Chairperson, School of Panjabi Studies)

The Chair is devoted primarily to the study of Medieval Indian Literature with emphasis on comparative studies in Medieval North Indian Literatures especially Urdu and Hindi.

PUNJABI LEXICOGRAPHY

About the Department

The Department was established in 1972. The Department has undertaken four projects for college students.

1. Englishi-Punjabi Dictionary
2. Punjabi-English Dictionary
3. Punjabi-Punjabi Dictionary
4. Culinary Glossary

Faculty

Professor : **Uma Sethi**
(Incharge)

Assistant : Akwinder Kaur
Professor

Thrust Areas

1. Englishi-Punjabi Dictionary is being Completed up to Letter 'T'.
2. Punjabi-English Dictionary is to be revised.
3. The compliation of first six letters of Punjabi-Punjabi Dictionary
4. Culinary Glossary is completed.

DEPARTMENT OF RUSSIAN

About the Department

The Department was established in 1959. Russian language is taught at Certificate, Diploma and Advanced Diploma level.

The department is equipped with 11 seater language laboratory which imparts instructions in phonetics of Russian and Slovak languages. It has also appropriate Audio-visual equipments to acquaint the students with the life and culture of the people of Russia and Slovakia through slides and film shows in the department. The Department of Russian also arranges cultural evening programmes with distinguished literary personalities from Russia, CIS countries and Slovakia to widen the cultural and literary horizon of its students.

Faculty

Associate Professor : **Pankaj Malviya**
(*Chairperson*)

Courses offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
Certificate Course	114	1 year	10+2 Exam.
Diploma Course	29	1 year	Cert. Course in Russian or equivalent Exam.
Adv. Diploma Course	17	1 year	Diploma Course in Russian or equivalent.
*M.A. (Russian) Private	Private	2 years	Advanced Diploma in Russian & Graduation in any discipline

Class Timings

The Classes for all the courses are normally held in the evening.

Morning/Afternoon groups for the Certificate Course in Russian language can be arranged, if sufficient number of students opt for the sams.

Thurst Area

Translation Technique and Comparative Study of Russian and Indian Languages.

*M.A. (Russian) is available for Private Students only

DEPARTMENT OF SANSKRIT

About the Department

The Department was established in 1956.

There are three courses in the Department i.e. M.Phil., Post-graduate and Certificate Course in Sanskrit. Besides this, the faculty of department is also supervising the research work of the students enrolled for Ph.D. in the field of Literature, Philosophy, Grammar, Veda, Dharma Shastra & Jyotish etc.

The Department has been organizing special lectures and workshops on important aspect of Indian Philosophy, Classic Literature and Vedic Literature.

Faculty

Professors : **Shankarji Jha** (Chairperson) Vikram Kumar Virendra Kumar Alankar

Courses offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A.	68	2 year	As prescribed in Section 7.1 of Rules for Admission+Aptitude test
M.Phil.	20	1 year	See General Important Guidelines at page iii.
Ph.D.	Subject to availability	3-5 years	See General Important Guidelines

Ph.D.

There are 15 students who have been enrolled/registered for Ph.D. in the Department.

Thrust Areas

Study of Sanskrit Literature, Philosophy, Grammar, Veda in the light of Advanced Modern Technology and its comparison.

DEPARTMENT OF URDU

About the Department

The Department of Urdu was established in the year 1978 and later on the Persian studies were also started in the year 1985, with the founder members, Dr. Haroon Ayub (who is expired now) in Urdu and Dr. Mdhukar Arya in Persian, respectively. The Urdu and Persian studies had been the major subject of teaching in the Oriental College of Lahore which was later on established in the name of Panjab University, Lahore. The study of said courses were resumed by this University after the partition of India and at the first stage, the University introduced the Certificate Course in Urdu and Persian and later on the Diploma and Advanced Diploma Courses were also started respectively. In the year 1991, the Department became the Post Graduate Department Where the regular teaching of M.A. in Urdu started. Now the same Post Graduate course in M.A. Urdu is run by the deapartment under semester system, but in M.A. in the subject of Persion is remain under Annual system.

The Department has the Ph.D. / Research work in both the subjects i.e. Persian and Urdu and has awarded about 28 Ph.D. Degrees till today in both subjects. The Department has two separate Academic, Literary and Cultural Society in the name of **Bazm-e-Adab Farsi** and also **Bazm-e-Adab Urdu** which organizes the literary and cultural programs with the students of the Department and Urdu-Persian Lovers.

From the session 2010-2011, the Department has been introduced job oriented courses in the subject of Urdu and Persian i.e. Mass Media and Journalism in the electronics media like Television and Radio and also for Print Media for the news paper & magazine etc. The said Job oriented courses of reading & syllabi was framed and introduced in the Department in the light of challenges before the Urdu and Persian studies in the globalized world and globalization of the studies accordingly.

The Department is using Modern teaching Methods through Audio-Visual Software like CDs and Video Cassettes. Computer Typing and use of Internet especially in teaching Urdu and Persian Language and Literature. The Department has its own Departmental Library with a good number of reference and text books in the subjects of Urdu and Persian. The Department also receives Journals and Magazines regularly from Urdu Academy Delhi Ghalib Institute, Delhi, Academies of Iranian Academic Institutions and Iran Cultural House, New Delhi & Iran too.

The Department organizes the Seminars, Conferences of National and International Level and also the Exhibition of Iranian Paintings, Persian Books and other Exhibitions related to the Indo-Persian social and cultural relations along with the cultural festivals based on Indo-Persian traditions with the Iranian students with the help of Iran Cultural House. The Department also invites eminent and distinguished literary personalities of Urdu and Persian Language and Literature, to deliver the lectures on the various topics related to the interests of Urdu/Persian lovers and for the benefit of the students.

Faculty

Associate Professor	:	Madhukar Arya (Chairperson)
Assistant Professor	:	Z. Fatima (Contract)

Courses offered

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.A. (Urdu)	34	2 years	As prescribed in Section 7.1 of Rules for Admissions.
Certificate Course (Urdu)	85	1 year	Hr. Sec. or Equivalent P.U. /10+1.
Diploma Course (Urdu)	29	1 year	P.U. Cert. Course in Urdu, Urdu in Matric or Adib Exam. from P.U./Equivalent exam.
Adv. Diploma Course (Urdu)	17	1 year	P.U. Dip. Course in Urdu, Intermediate or B.A.I with Urdu Elective/equivalent exam.
Cert. Course (Persian)	29	1 year	Hr. Sec./equivalent exam./Pre-University
Dip. Course (Persian)	17	1 year	Cert. Course in Persian from P.U., or Persian at Matric level/Equivalent exam.
Adv. Dip. Course (Persian)	11	1 year	P.U. Diploma Course in Persian/Intermediate/B.A.I with Persian Elective/Additional Language From P.U./equivalent exam.

Note : Classes for all Cert./Diploma/Adv. Diploma Courses are held in the evening.

Ph.D.–Through Entrance Test taken by P.U., Chandigarh.

The department has the facilities for research leading to the Ph.D. degree in Urdu and Persian.

Thrust Area

The Department is engaged in Research Programme on almost all major disciplines of Persian language and literature, and the thrust area is Comparative study of Persian with Punjabi, Urdu, Sanskrit, Pali and other Modern Indian Languages and also in the subject of Medieval Indian History, Ancient Indian History, Fine Arts, Law, Political and Social Sciences with comparative studies and Mysticism and Mystical Literature, written during the Ancient Period based on Classical Literature and also written during the so-called Modern Period in all the Modern Indian Languages. The students come from Iran and other Arab countries for Ph.D. in the Department. The thrust area of Ph.D. in the subject of Urdu is based on language and literature of Urdu with the comparative study of Modern Indian Languages.

VISHVESHVARANAND VISHVA BANDHU INSTITUTE OF SANSKRIT AND INDOLOGICAL STUDIES (VVBIS & IS), HOSHIARPUR

About the Institute

The Institute was taken over by the University in 1965. The Panjab University maintains a Centre of Advanced Studies and Research in Sanskrit and Indology as a regular Institute of the University under the name “Vishveshvaranand Vishva Bandhu Institute of Sanskrit and Indological Studies” (VVBIS & IS) at Hoshiarpur and is about three kilometres (on the Una Road) away from the main centre of the city.

The Institute publishes a half yearly Research Journal entitled “Vishveshvaranand Indological Journal”. Volume XLVII of 2009 has been printed & Volume XLVIII of 2010 is under process. Besides the Institute has published about 52 Research books. Dictionary of Vedic Interpretation and critical Edition of the Commentary of Aitareya Brahmana are under process.

Faculty

Professors	:	Raghibir Singh (<i>Chairperson</i>)	Rajinder Kumar Sharma	Prem Lal Sharma
Associate Professors	:	Parbhat Singh	Krishna Saini	Narasingha Charan Panda
Assistant Professors	:	Aditya Angiras	Ved Prakesh Dindoriya	Ritu Bala

Courses offered

COURSE	DURATION	ELIGIBILITY/CRITERIA
M.A. (Sanskrit)	2 years	B.A. with Sanskrit (45% marks) or Shastri of P.U. or any other equivalent examination.
*Acharya in Veda, Vyakarna, Darshan and Sahitya	2 years	Shastri examination of P.U./M.A. (Sanskrit) P.U./equivalent examination.
Shastri (New Degree Course in Sanskrit)	3 years	Prak Shastri-II/+2 (with Sanskrit) or Visharad (with Matric) from P.U./equivalent examination.
Prak Shastri	2 years	Matric/Hr. Sec. I/or equivalent examination

Number of Seats : No seat limit has been prescribed for the above courses.

The facilities for research leading to Ph.D. degree also exist.

Scholarships : The Institute offers stipends to the eligible students of Prak-Shastri, Shastri and Acharya @ Rs. 300/-p.m., Rs. 400/-p.m. & Rs. 500/-p.m. respectively for ten months. Five students each in M.A. Part I & II (Sanskrit) are awarded stipends on merit @ Rs. 300/-p.m. for twelve months.

Thrust Area

Development of Sanskrit and Indological Studies.

Vishveshvaranand Library

The Library possesses about 79026 books and journals and about 3000 ancient manuscripts. It received 70 journals and periodicals during the year and recognized by UNESCO.

*These courses for the time being, withheld for want of Faculty.

11. SCHOOL OF ENVIRONMENTAL SCIENCES

DEPARTMENT OF ENVIRONMENT AND VOCATIONAL STUDIES

Faculty

Professor : **A.S.Ahluwalia**
(Chairperson)

Assistant : H. P. Singh (Biotic Environment)
Professors Madhuri Sharma Rishi (Earth & Atmospheric Sciences)
Suman Mor (Solid Waste Management)
Rajeev Kumar (Physical Environment)

Board of Control : Dean Faculty of Science
Chairperson, *D.E.V.S.*
Chairperson, Department of Botany
Dr. H.P. Singh, Lecturer, *D.E.V.S.*
Dr. Madhuri Rishi, Lecturer, *D.E.V.S.*
Dr. Suman Mor, Lecturer, *D.E.V.S.*
Dr. R.K. Wanchhoo, University Institute of Chemical Engineering
C.M.O., Panjab University Health Centre
Prof. Naval Kishore, Department of Geology
Dr. Rajan Gaur, Department of Anthropology
Dr. Kamaljeet Singh, Department of Botany
Director, Dental College, P.U.
Dr. Karanjot Kaur, Department of Geography
Prof. V.L. Sharma, Department of Zoology
Prof. Sangita Bhalla, Department of UILS
Director, Environment, U.T., Chd.

Courses offered :

COURSE	SEATS	DURATION	ELIGIBILITY/CRITERIA
M.Sc. (Environment Science)	20+3 NRI	2 years	(a) Graduates from any Science/Engineering Stream or any other stream with Honours in Geography as one of the subjects from P.U. or any other University recognised by P.U. (b) Common Entrance Test (O-CET)-2011.
Ph.D.	Subject to availability	3-5 years	Only UGC-NET or PU Entrance Test qualified students are eligible for enrolment.

M.Sc. (Environment Science) :

In view of the enormous demand of environment specialists as educators, researchers, industrial consultants, urban planners and architects for the Government and Non-government organisations, in 2002 the university started a 2-year Master's degree programme in Environment Science. The level of the course is evident from the brilliant result shown by the students at the national level UGC-NET in the

country in the discipline. The course is so designed that the students have to maintain regularity and seriousness. In each of the 4 papers in a semester (except the seminar/term-paper/project), a student is offered 3 surprise tests. Of the 3 surprise tests, 2 best-attempted tests apart are considered towards the final internal/continuous assessment comprising 20% of the total maximum marks reported in the final award-list. The attendance is also reported in the Detailed Marks-card issued to the students on completion of the semester.

The Department has reached at the top band of recognized institutions in the subject of Environment Science in the country on account of :

- (a) Consecutively best results in the UGC-NET of our students;
- (b) Producing many good publications in high ranking refereed International journals.

The syllabus approved by the National Educational Testing of the UGC (after addition of the topics relevant to the local and national demands) has been adopted. The subject being inter-disciplinary and multidisciplinary, the faculty (based on the expertise in the relevant field) is drawn from different departments of the campus. The Outlines of Tests/Courses of Reading/Syllabus can be seen at the web site of Panjab University.

Environment Education :

The Department of Environment and Vocational Studies also serves as the nucleus for the Compulsory course on Environment Education for a 3-year degree course in any stream {BA, BBA, BCA, B.Sc., B.Com., B.Sc. (Honours School)}. A committee comprising the DUI (Chairperson), members of the Syndicate and Senate, Principals of many colleges, Professors of the university and the coordinator DEVS (convener) advises the operation of the course.

Doctoral Programme :

The Department proposes to enroll and register a few more suitable candidates for interdisciplinary research in any aspect of Environment for the award of Ph.D. degree under the Faculty of Science. Currently 44 students are enrolled under Ph.D. Programme under the guidance of environment experts from different disciplines.

Research Component :

Research on the current environmental issues of local, national and global importance remains the major thrust of the DEVS. Following research projects funded by various agencies have been undertaken or are in progress :

- * *Ecological status of Medicinal & Aromatic Plants of Haryana* sponsored by Haryana State Council for Science and Technology.
- * *Management of Congress-grass through Vermicomposting* sponsored by Department of Science and Technology and executed jointly with PSCST.

- * *Impact of Invasive Species on the Structure and Composition of Natural Vegetation of H. P.* sponsored as B.P. Pal National Environment Fellowship award of Ministry of Environment & Forests, Govt. of India.
- * *“Ecological Status of weeds of Chandigarh and surrounding areas with special reference to invasive weeds”* sponsored by U.G.C. New Delhi.
- * *“Utilization of some volatile Monoterpenes for weed Management”* under Research Scientist Scheme of the Department of Science and Technology, New Delhi.
- * *“Ecological status of vegetation of Nepali and Kansal Forest of Chandigarh”*. DST, U.T., Chandigarh.
- * Assessment of Water Quality in parts of District Sangrur, Punjab in relation to Agriculture and Health hazards.

Consultancy :

The DEVS undertakes consultancy on environmental issues through the University. Some of the organization for which consultancy has been undertaken include High Court of Himachal Pradesh, Cocacola, Punjab State Council for Science and Technology, HMT, Pinjore (Haryana).

Awards :

The researches conducted for the DEVS have been credited with various national and international awards.

Facilities Available :

The Department has suitably developed the laboratory facilities with many sophisticated analytical equipments including HPLC, Spectrophotometer, (High Performance Liquid Chromatography) Flame Photometer, CoD-Bod assembly for teaching, demonstration and research purposes. It has its own library with latest books and reading material in the field of Environment, Solidwaste Management. Inter-disciplinary facilities from the department of Geology, Chemistry, Physics, Botany and Zoology are also available. The facility of Visual aids like LCD projector, Slide and Over-head projectors are available for imparting instructions to the students. Students are encouraged to use these aids even for their seminars. About 15 computers with internet connectivity have also been provided in the DEVS. The students are regularly exposed to various aspects of industry requiring environmental attention alongwith educational trips to the related production units and research institutions.

RULES FOR ADMISSIONS TO THE COURSES OFFERED BY THE UNIVERSITY TEACHING DEPARTMENTS/CENTRES

These rules shall govern admissions to all the Teaching Departments/Centres of the University including those which offer Professional Courses (viz., University Institute of Chemical Engineering and Technology, University Institute of Engineering and Technology, Swami Sarvanand Giri P.U. Regional Centre, Hoshiarpur, P.U.R.C., Ludhiana, P.U.R.C., Muktsar, University Business School, UIAMS, National Centre for Human Genome Studies and Research, Environment and Vocational Studies, Indian Theatre, Laws, U.I.L.S., Library & Information Science, School of Communication Studies, Music, University Institute of Pharmaceutical Sciences, Education, Physical Education, Computer Science & Applications, Biotechnology, Sophisticated Analytical Instrument Facility, Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Institute of Educational Technology & Vocational Education, University Institute of Fashion Technology and University Institute of Hotel Management & Tourism).

It is, however, understood that wherever deviation from the rules is intended by way of making special provision, the latter shall override the former.

Whenever for admission to University Courses B.A./B.Sc./B.Com., is the minimum requirement, B.A./B.Sc./B.Com. shall mean the first degree obtained under 10+2+3 scheme.

Specifically :

- (i) The admission to first year of all the Postgraduate Courses including B.P.Ed., LL.B. etc. in which admission on the basis of graduation has been notified during 2011-2012 shall be made on the basis of 10+2+3 scheme.
- (ii) The First Degree obtained under the old scheme (14-year course) till April, 1995 will be treated at par with the First Degree under 10+2+3 scheme for the purpose of admission to these courses.

1. Schedule of admissions

- (a) The date-wise schedule of admissions shall be separately announced by the Department concerned, with the approval of the Dean of University Instruction, which shall be strictly observed.
- (b) This schedule shall contain the dates of posting the provisional merit list of candidates (framed according to rules), inviting objections, if any, interviews and admission/aptitude test, wherever applicable, display of lists of selected candidates, and of candidates placed on the waiting list and deposit of fee etc.

This schedule shall be prominently displayed on the Notice Board of the Department concerned before the process of admissions starts.

2. Seats : Open and Reserved

The number of seats in each course offered in the Teaching Departments, as announced in the Admission Notice/s, shall be strictly adhered to, except for such minor adjustment as may be necessary on account of rounding off fractions to accommodate reservations, as given below :-

- (A) Generally 55.5% of the seats in each course shall be treated as belonging to the Open Category.

(B) 44.5% seats shall be treated as belonging to the Reserved Category, as per details given below :-

- (i) 15% for candidates belonging to the Scheduled Castes.
- (ii) 7.5% for candidates belonging to the Scheduled Tribes.

The above reservation shall be subject to the following conditions :

- (a) the number of students admitted on merit shall not be included in the number of seats reserved;
 - (b) members of Scheduled Castes/Tribes and Backward Classes shall be allowed a concession of 5% marks for admission to the courses in which a certain percentage of minimum marks has been prescribed provided they have obtained minimum pass marks prescribed by regulations;
 - (c) in case the seats earmarked for Scheduled Castes/Scheduled Tribes remain unfilled, a further relaxation in marks may be given, in order of merit inter-se amongst the candidates themselves, so that all the reserved seats are filled by candidates belonging to these categories. This, however, will not apply for M.B.B.S. admission; and
 - (d) A Scheduled Caste/Scheduled Tribe person on migration from the State of his origin will not lose his status as Scheduled Caste/Scheduled Tribe but he will be entitled to the concessions/benefits admissible to the Scheduled Castes/Scheduled Tribes from the State of his origin and not from the State where he has migrated. [Regulation 29.1, P.U. Cal. Vol. I, 2005 (Page 168)].
- (iii) 5% for candidates belonging to the Backward Classes.
- (Restored by Syndicate vide Para 63, dt. 29.6.2010)*
- (iv) 3% for Physically Handicapped candidates : Claimant in this category should be capable of pursuing the course for which the admission is sought. The handicapped candidates should have a minimum of 40% disability duly certified by the Medical Board of District/State/UT/Medical Institution of National Importance. Such certificate shall be further certified by the Medical Board of the Panjab University Health Centre.

Out of the 3% seats, 1% be earmarked for the blind and the persons with low vision in the courses where no practical are involved :

1. the blind persons be given admission straightway; i.e. they will be given priority over the Physically Handicapped candidates;
2. the blind persons be allowed to compete in General Category by allowing them 5 per cent marks over and above the marks actually obtained by them for determining their merit;
3. for admission to courses wherein age limit is specified, the blind persons be given a relaxation of 5 years in age;
4. for admission to courses based on Entrance Tests, the blind persons be treated at par with the SC /ST for earning eligibility for admission;

Visually Handicapped would mean :

Visual acuity of 6/60 with best correction in the better eye or any persons with visual fields of 20° or less in the better eye irrespective of the visual acuity.

- (v) 5% on the basis of achievement in Sports (see separate Guidelines).
- (vi) 5% (for all the under-mentioned categories taken together) for candidates who fall in one of the following categories (which are given here in order of precedence) :-
1. Sons/Daughters/Spouses of such defence personnel, para-military personnel like CRPF/BSF and Police personnel etc. who died in action while on duty. Only those who were wholly dependent on such personnel shall be considered.
 2. Sons/Daughters/Spouses as are wholly dependent on such Defence Personnel who were incapacitated/died while in service.
 3. Such Sons/Daughters/Spouses of ex-servicemen (Defence and Para-military personnel like CRPF/BSF etc.) as are wholly dependent on them.
 4. Defence personnel incapacitated* while in service.
 5. Such Sons/Daughters/Spouses of serving defence personnel and para-military personnel like CRPF/BSF etc. as are wholly dependent on them.
 6. Ex-servicemen**
 7. Serving defence personnel/paramilitary personnel like CRPF/BSF etc.
- Note :** Except in the case of Department of Laws, for admission to evening courses, categories 2, 3 and 5 under 2 (b) (v) will not be considered, since the term “wholly dependent” will exclude such persons as are ‘employed’ or ‘self-employed’.
- (vii) 2% for Sons/Daughters/Husband/Wife/Brothers/Sisters of persons killed/incapacitated in November, 1984 riots and of persons killed/incapacitated in terrorist violence in Punjab and Chandigarh. A Certificate from the District Magistrate to this effect must be submitted by the candidate. Migrant Card alone is not enough.
- Note :** In case there will be any amendment/change in the existing clause, the same shall be notified and communicated to all concerned departments by the Deputy Registrar (Colleges).
- (viii) 2% for the Children/Grand children of freedom fighters who have been sanctioned pension by Central/State Govt. or awarded Tamra Patra by Government of India (Synd. Para 15 dated 30-5-1997) or those who have been certified to be freedom fighters by the Centre/State Govts.
- (ix) Any other statutory reservation as prescribed by the Govt. of India, if any.

*Incapacitation will mean incapacitation leading to the discharge of the person by authorities concerned.

**Ex-serviceman means a person who has served in any rank whether as a combatant or non-combatant in the regular Army, Navy and Air Force of the Indian Union :-

- (i) who retired from the service after earning his/her pensions; or
- (ii) who has been boarded out of the service on medical grounds attributable to military service or circumstance beyond his control and awarded medical or other disability pension; or
- (iii) who has been released from the service as a result of reduction in establishment; or
- (iv) who has been released from the service after completing the specific period of engagement, (otherwise than at his own request, or by way of dismissal, or discharge on account of misconduct or inefficiency) and has been given a gratuity.

Territorial Army Personnel of the following categories shall also be considered as ex-servicemen :-

- (a) Pension holders for continuous embodied service;
- (b) Disabled Territorial Army Personnel with disability attributable to military service;
- (c) Gallantry award winners.

Explanation :

While working out the percentage of seats in the reserved categories as given above, if the number arrived at contains a fraction, this shall be resolved as follows :-

If the fraction is 0.5 or more, it shall be rounded off to 1; if it is less than 0.5, it shall be ignored. This shall, however, not affect the total number of seats in the open category. To ensure this, if the total number of seats after making this adjustment, exceeds the prescribed number fixed for the course, the necessary additional seats shall be created with the prior permission of the D.U.I./Vice-Chancellor. Such seats, if created, shall be treated as additional only for the year in question.

Illustration :

In a course which has 25 seats, the distribution of seats among the various categories will be as under :-

Open Category	SC	ST	BC	Sports	Defence Personnel	Phy. Handi-capped	Riot Victim	Freedom Fighters	Total
14	4	2	1	1	1	1	1	1	26

It will be seen that this raises the total number of seats to 26. The 26th seat will be treated as additional in that course for that year only. The additional seat, if required to be created, shall be created only for the Reserved category and not for the Open category. Such additional seat, if remains unfilled, will not be converted to open category.

3. Eligibility Conditions

For admission under any of the categories, Open or Reserved, as given above, a candidate must be eligible. Eligibility shall mean the candidate's possessing the minimum qualifications as laid down in the relevant regulations contained in the Panjab University Calendar, Volume II, 2005 including amendments made therein from time to time and in the Handbook of Information 2011. For such courses admission to which is based wholly or in part on an entrance test/aptitude test, eligibility shall also mean the candidate's having taken the test and qualified it.

4. Inter-Changeability and transfer of seats

- (a) In the Reserved categories given at (i) and (ii) under paragraph 2(b), i.e. Scheduled Castes and Scheduled Tribes, the seats shall be regarded as 'interchangeable'. That is to say, if a sufficient number of eligible candidates are not available to fill up the seats reserved for Scheduled Tribes, seats may be filled up from among the eligible candidates belonging to the Scheduled Castes, and vice-versa.
- (b) The seats in the reserved categories as remain unfilled shall be transferred to the Open category on 18-8-2011 (Thursday) by 5.00 p.m. Any additional seat/s, if created for the reserved category, shall stand cancelled in such a case.

Note : The Departments where admission is based on Entrance Test/Aptitude Test, seats in reserved categories be included in the General Category right from the beginning of admission in case there were no candidate belonging to these categories having qualified the Entrance Test were available.

5. Admission based on AIEEE & CAT

- (a) The Entrance Test conducted by CBSE (AIEEE) in May, 2011 for the following courses : B.E. (Chemical), B.E. (Food Technology), B.E. (Biotechnology), B.E. (Electronics & Communication), B.E. (Computer Science Engineering), B.E. (Information Technology), B.E. (Mechanical), B.E. (Electrical and Electronics) and Five year Integrated Course B.E. with M.B.A.
- (b) Admission to M.B.A. (Gen.), M.B.A. (International Business), M.B.A. (Human Resource) and MBA (Biotechnology), is based on CAT 2011 held in November, 2010.
- (c) Departments may conduct a test as part of admission process with the prior permission of the Dean of University Instruction.

6. Additional seats for Foreign Nationals/NRI candidates.

- (a) As notified, in addition to normal seats, the University has created additional seats in the following courses with separate tuition fee structure. The name of the course and number of seats are specified below :

No.	Department	Course	No. of NRI Seats
1.	Anthropology	B.Sc. (H.S.)	4
		M.Sc. (H.S.)	3
2.	Biochemistry	B.Sc. (H.S.)	4
		M.Sc. (H.S.)	4
3.	Biophysics	B.Sc. (H.S.)	4
		M.Sc. (H.S.)	5
4.	Biotechnology	B.Sc. (H.S.)	2
		M.Sc. (H.S.)	2
5.	Botany	B.Sc. (H.S.)	4
		M.Sc. (H.S.)	4
6.	Central Instrumentation Laboratory	M.Tech. (Instrumentation)	2
		M.Tech. (Micro-Elec.)	2
7.	CEVS	M.Sc. (2 year) (Environment)	3
8.	Department-cum-Centre for Women Studies	M.A.	2
9.	Chemical Engineering & Technology	B.E. Chemical	11
		B.E. (Chemical) with M.B.A.	5
		5 Yrs. Integrated course.	
10.	Chemistry	B.Sc. (H.S.)	8
		M.Sc. (H.S.)	2
11.	Computer Science & Applications	M.Sc. (H.S.)	2
		M.C.A	5
		M.C.A. (Evening)	6

No.	Department	Course	No. of NRI Seats
12.	Education	M.Ed.	4
13.	English	M.A. M.Phil.	15 2
14.	Economics	M.A. B.A. (Hons. School) Five yr. Integrated course	5 4
15.	French	Certificate Course	38
16.	Geography	M.A.	7
17.	Geology	B.Sc. (H.S.) M.Sc. (H.S.)	4 4
18.	Dr. Harvansh Singh Judge Instt. of Dental Sciences & Hospital	BDS	15
19.	Institute of Legal Studies	B.A. LL.B. (Hons.) 5 yr. Integrated Course	18
20.	Lib. & Inf. Sc.	M.Lib. & Inf. Sc.	5
21.	Laws	LL.B. (3 yr. Course) LL.M.	27 4
22.	Mass Comm.	M.M.C.	5
23.	Mathematics	B.Sc. (H.S.) B.Sc. (Math. & Comp.) M.Sc. (H.S.)	4 2 5
24.	Microbiology	B.Sc. (H.S.) M.Sc. (H.S.)	4 4
25.	Panjabi	Cert. in Functional Panajbi Dip. in Punjabi Lang. and Culture	4 2
26.	Physical Education	B.PEd. M.PEd.	2 2
27.	Physics	B.Sc. (H.S.) M.Sc. (H.S.) M.Sc. Physics & Elec.	6 6 3
28.	Psychology	M.A. P.G. Diploma in Professional Counselling P.G. Diploma in Psy. Testing	9 3 3
29.	Public Admn.	M.A. M.Phil.	9 2
30.	P.U.R.C., Ludhiana	LL.B. (3 yr. Course) B.A.LL.B. (Hons.) (5 yr. Course) M.B.A.	9 8 9

No.	Department	Course	No. of NRI Seats
31.	Regional Centre, Muktsar	LL.B.	8
		M.C.A.	3
32.	Sociology	M.A.	9
33.	Statistics	M.Sc.	5
34.	UIAMS	M.B.A. (Retail Mgt.)	5
		M.B.A. (Banking & Insurance)	5
		M.B.A. (Telecom. & IT)	3
		M.B.A. (Infrastructural Mgt.)	3
		M.B.A. (Pharmaceutical Mgt.)	3
		M.B.A. (Hospital Mgt.)	3
35.	University Business School	M.B.A.	9
		M.B.A. (IB)	4
		M.B.A. (HR)	4
		M.B.A. (Biotechnology)	2
36.	UIPS	B.Pharm.	6
		M.Pharm.	3
37.	U.I.E.T.	B.E. (Bio-Tech.)	3
		B.E. (Elec. Comm.)	5
		B.E. (Info.Tech.)	5
		B.E. (Comp. Sc.)	5
		B.E. (Mech. Engg.)	3
		B.E. (Electrical & Electronics)	3
		M.E. (ECE)	2
		M.E. (IT)	2
		M.E. (Comp. Sc.)	2
38.	Zoology	B.Sc. (H.S.)	5
		M.Sc. (H.S.)	2
39.	Swami Sarvanand Giri PURC, Hoshiarpur	B.A. LL.B. (Hons.) 5 yr. Integrated Course	9
40.	UI Fashion Tech.	Bachelor of Fashion & Life Style	6
41.	University Institute for Emerging Area in Social Sciences	M.A. in Police Admn.	6
		M.A. in Social Work	4
		M.A. in Human Rights and Duties	4
42.	University Institute for Emerging Area in Science and Technology	M.Sc. in Nuclear Medicine	2
		M.Sc. in System Biology and Bioinformatics	2
		Master in Public Health	2
		M.Sc. in Microbial Biotech.	2
		M.Sc. (Medical Physics)	2
		M.Tech. Nano Sc. & Nano Tech.	2

- (b) Foreign Nationals/NRI candidates seeking admission to the concerned course are required to compete amongst themselves for the seats for them by appearing in the Entrance Test if they are in India.

Those living abroad will be required to produce the Test Scores of : Scholastic Aptitude Test-II (SAT II) with permissible combination of subjects, conducted by the Educational Testing Service, Princeton, U.S.A., for admission to under graduate courses.

Graduate Record Examination (General) (GRE) from Princeton, U.S.A., for admission to Post Graduate Courses.

Further :

1. Seats in this category shall not be allowed to be converted into open category. Applicants who fail to get admission in the general category shall be eligible to compete for the seat in the NRI category provided the candidate give in writing his option for NRI category during the counselling for general category self, subject to fulfillment of other requirements/rules for admission in this category. The admission will be made in the NRI category on the basis of combined (i.e. including those who applied earlier and those who gives the option at the time of general counselling) merit list of this category.

A candidate admitted in NRI category may change his admission to vacant seat in general/reserved category provided :-

The candidate falls within the merit of admitted candidates in general /reserved category.

2. Foreign Nationals/NRI candidates shall have to comply with any other requirements prescribed by the Govt. of India and Panjab University, from time to time.
3. The candidates for admission to B.P.Ed. and M.P. Ed. (Physical Education) will be required to undergo mandatory Physical Efficiency Test. The scores of Physical Efficiency Test will be counted for determining merit.

- (c) Foreign Nationals/NRI candidates shall provide the following certificates/documents :

- (i) Academic certificate of passing the qualifying or equivalent examination as prescribed for each course to which admission is to be sought.
- (ii) Test score of Scholastic Aptitude Test II (SAT-II)/GRE/GMAT 60th Percentile from Princeton, U.S.A., wherever applicable. The score in SAT II/GRE/GMAT would be normalized at par with the corresponding test held by Panjab University, in case of applicants from abroad.

7.1 Admission to P.G. Courses in the Faculties of Arts and Languages.

ADMISSION TO M.A. PART I

REGULATION 3.1 GIVEN AT PAGE 79 OF P.U. CAL. VOL. II, 2007

Eligibility

A person who has passed one of the following examinations from this University, or from the Panjab University at Lahore before 1948, or from any other University whose examination has been recognised as equivalent to the corresponding examination of this University shall be eligible to join the first year (Part-1) class of the M.A. Course :

- (i) B.A. with Honours in the subject of the Post-Graduate Course;
 - (ii) (a) Bachelor's Degree in any Faculty with atleast 50% marks in the aggregate;
(b) Diploma in Physical Education Examination or Post-Graduate Diploma in Library Science after having passed B.A. or B.Sc.;
 - (iii) (a) The B.A. (Pass)/B.Sc. (Pass) Examination in full subjects, obtaining at least 45% marks in the elective subjects of the Post Graduate Course;
(b) or has obtained B.A. degree through English only regulations obtaining atleast 45 per cent marks in the subject of the Post-Graduate Course;
 - (iv) Obtained B.A. degree, after passing the examination in an Oriental Classical Language or a Modern Indian Language with at least 45 per cent marks (out of the aggregate excluding the additional paper) at the Honours in Oriental Titles or Modern Indian Languages examination, in the subject of Post-graduate Course;
 - (v) Master's degree examination in another subject or another faculty;
 - (vi) The B.A. examination under Social Service Regulations or under War Regulations and has subsequently passed in the subject concerned at the B.A. examination obtaining at least 45 per cent marks;
 - (vii) B.Sc. Honours School;
 - (viii) For Gandhian and Peace Studies a person who has passed :
 - (a) B.A./B.Com. obtaining 45 per cent marks in any of the following subjects :
 - (a) History (b) Political Science (c) Economics
 - (d) Philosophy (e) Psychology (f) Public Administration
 - (g) Geography (h) Sociology
- OR**
- (b) Diploma or Postgraduate Diploma in Gandhian Studies or M.A. examination in any of the above subjects or B.A./B.Sc./B.Com. in second class shall be eligible.
- (ix) For History of Art, a person who has passed one of the following Examinations shall be eligible :-
 - (1) B.A. (Pass) examination with 45 per cent marks in any of the following subjects :-
 - (a) Art (b) Music (c) Psychology (d) Philosophy
 - (e) Sociology (f) Sanskrit (g) History (h) English
 - (i) Ancient Indian History, Culture & Archaeology (j) Home Science
 - (k) Any one of the Modern Indian Languages/Classical languages.

- (2) B.A. (Pass)/B.Sc. (Home Science) examination in second division with at least 50 per cent marks in the aggregate;
- (3) B.F.A./Bachelor of Architecture examination with at least 45 per cent marks in the aggregate;
- (4) Master's examination in any subjects.

Provided he qualifies in an aptitude test conducted by the Department of Fine Arts as per guidelines laid down by the concerned Board of Control.

- (x) For German a person who has passed :
 - (a) B.A./B.Sc. and Advanced Diploma Course in German of the Panjab University or an examination of another University/Board recognised by Syndicate as equivalent to Advanced Diploma Course in German of the Panjab University with 45 per cent marks in German.

OR

- (b) B.A. examination with German as Elective subject from this University or an equivalent examination of another University with 45 per cent marks in the subject of German shall be eligible.

- (xi) For Urdu a person who has passed :-

- (a) B.A./B.Sc. with 50% marks

OR

- (b) B.A. with Urdu as an elective subject with at least 45% marks in the subject of Urdu.

OR

- (c) B.A. and Advanced Diploma Course in Urdu with at least 45% marks.

- (xii) For Russian a person who has passed :-

- (a) Bachelor's degree with Russian as an elective subject from any recognized University/ College/Institution.

OR

- (b) Advanced Diploma in Russian and Bachelor's degree in any discipline from any recognized University/College/Institution.

Provided that :

1. (a) For the Public Administration course, a person who has passed one of the following examinations shall also be eligible :-
 - (i) B.A. (Pass) with 45% marks in Public Administration or History or Political Science or Economics or Sociology or Psychology;
 - (ii) Has passed with at least 50% marks in the aggregate :-

- (a) LL.B. **OR** (b) B.Com.

- (b) For the Ancient Indian History, Culture & Archaeology course only a person who has passed B.A./B.Sc. examination with Philosophy or Political Science or Art or Geography or Sanskrit or Sociology or History or Public Administration or Economics obtaining at least 45 per cent marks in the subject, shall also be eligible.

A person who has already passed the M.A. Examination in any of the above subjects shall also be eligible to join this course.

- (c) For the Economics course, a person who has passed the B.Com. examination with 45 per cent marks in the subject of Economics shall also be eligible.
- (d) For the Geography Course, a person shall be eligible only if :-
- (i) he/she has passed in Geography in the B.A. or B.Sc. examination obtaining at least 45 per cent marks;

OR

- (ii) has obtained Post-graduate diploma in Cartography with at least second division.
- (e) For Political Science and History course, a person who has passed B.A. with 45 per cent marks in Public Administration or Sociology, shall also be eligible.
- (f) For Fine Arts course, a person who has passed :-

- (1) B.A. Fine Arts examination of this University with 45 per cent marks;

OR

- (2) B.A. degree with-
- (i) 50 per cent marks in the aggregate; and
- (ii) Fine Arts as one of the subject;

OR

- (3) B.A. degree with at least 45 per cent marks in the subject of Fine Arts, shall also be eligible.

- (g) For Philosophy Course;

- (i) A person who has passed B.A. with 45% marks in Psychology, Political Science, Economics, Sociology, Mathematics or Physics;

OR

- (ii) A person who has passed Guru Granth Acharya/Shastri (New Scheme with English as a subject) examination provided he/she passed English at the Graduate level.

- (h) For M.A. Part I (French) a person who has passed :

- (i) B.A./B.Sc./B.Com./B.B.A./B.C.A. or Honours (under 10+2+3) system of education and Advanced Diploma Course in French with at least 45% marks from the Panjab University or any other University.

OR

- (ii) B.A./B.Sc./B.Com./B.B.A./B.C.A. (under 10+2+3 system of education) with at least 45% in French elective or Honours (under 10+2+3 system of education) from the Panjab University or any other University.

OR

- (iii) B.A./B.Sc./B.Com./B.B.A./B.C.A. or Honours (under 10+2+3 system of education) and Diploma Approfondi de La Langue francaise (DALF Advanced French Language Diploma) issued by the French National Ministry of Education.

In addition, this be also noted under 2.1.

Provided that :-

A candidate shall apply for M.A. in French only if he has the knowledge of the language as clarified in 3.1 (i).

- (i) For M.A. Hindi Part I examination 45 per cent marks in Sanskrit (Elective) or Shastri examination (New Course) are also accepted.
- (j) For Hindi/Panjabi/Urdu course, a person who after passing B.A. examination, has passed the Prabhakar/Gyani/Adib Fazil examination securing 45 per cent marks (out of the aggregate excluding the additional paper), shall also be eligible.
- (k) For Statistics, a person who has passed B.A./B.Sc. (Pass) with Mathematics obtaining at least 45% marks shall also be eligible.
- (l) A person who has passed Diploma in Adi Granth Acharya/Guru Granth Acharya examinations shall also be eligible to join M.A. course (Part-I) in the subject of Hindi, Sanskrit and Punjabi.
- * (m) For M.A. Sanskrit Part-I Course, a person who has passed 'Shastri Examination either under 3-year (10+2+3) Degree Course New Scheme or under the Old Scheme (10+1+3) Degree Course.
2. The requirement of having obtained 45 per cent marks in the subject of Post-graduate course, shall not apply to a candidate who passed-
- (a) B.A. or B.Sc. examination from Panjab University, Lahore before 1948, or Honours in Oriental Classical Language or a Modern Indian Language examination from Panjab University, Lahore, for which the record is not available in this office but must have offered at the B.A. examination the subject of the Post-graduate course and for this purpose he shall have to furnish an affidavit; and
- (b) B.A. or B.Sc. examination from this University in the year for which the record of detailed marks is not available in this office, but must have offered at the B.A. examination the subject of Post graduate course.

Explanatory Note :-67 marks out of 150 shall be accepted as 45 per cent in the subject of Post-graduate course.

7.2 The following are not eligible for admission to M.A. courses in the Faculties of Arts and Languages :

- (a) If a student fails to pass M.A. Part/Semester-I or fails to appear in the examination even though he/she had requisite attendance, he/she be not allowed to seek re-admission in the Department for M.A. Part/Semester-I in the same subject. Such a student can appear in the same examination as a private candidate as prescribed under the University regulations;

*This would be applicable w.e.f. the Academic Session 1992-93 instead of 1991-1992.

- (b) If a student fails to meet the prescribed attendance requirement, and is, therefore, debarred from sitting in the examination, or does not on his/her own volition seek permission to sit in the examination he/she should be deemed to have failed in the examination. Such a student be not allowed to seek re-admission in the same Department;
- (c) If a student fails to earn promotion to the M.A. Part-II or the next semester of M.A. for any of the reasons specified in Paras (a) and (b) above for two successive years in the same or two different Departments, he/she should be debarred from seeking admission in any Department in the Faculties of Arts and Languages for the next two years;
- (d) In order to ensure the implementation of the above conditions, the columns given in the Admission Form, seeking information from the applicant on the course(s) attended by him/her in the preceding three years, must be filled by him/her.

If he/she leaves these columns blank, the admission form will be rendered invalid and if he/she makes mis-statement or conceals relevant facts, his/her admission will be cancelled even if made.

7.3 Preparation of Merit Lists/Normalisation of Marks.

Admission to both the (Open and Reserved) categories of seats shall be on the basis of merit within each category and the merit list shall be prepared as per these Rules.

The basis for preparation of the provisional merit list shall be as follows :

Marks of other Universities will be normalized to 2400 marks which are 3 years aggregate marks of B.A./B.Sc.(Gen.) of Panjab University. Similarly marks obtained by the candidates in the relevant subject will be normalized to 600 marks which is the total of 3 years aggregate marks of B.A./B.Sc. (Gen.) of elective subjects of Panjab University. The normalization procedure is explained below :-

- (a) The marks obtained by a candidate in B.A./B.Sc. will be normalized on the basis of an aggregate. For example, if a student has scored 495 marks out of total of 900 marks in B.A./B.Sc., his normalized aggregate marks (out of 2400) would be :-

$$\frac{495}{900} \times 2400 = 1320$$

These marks will be denoted by **X** and called the **Basic Merit Marks**.

- (b) The marks in the relevant subject (i.e., the subject in which the admission is sought) will be normalized by changing the marks allotted to the relevant subject to 600 in order to give advantage of the subject to a candidate.

For example, if a candidate has obtained 240 marks out of 300 in the relevant subject, then the normalized marks in the subject would be :-

$$\frac{240}{300} \times 600 = 480 \text{ out of } 600$$

These may be denoted by **Y**.

Some universities award B.A./B.Sc. degree on the basis of aggregate marks of B.A./B.Sc. 2nd and 3rd years. In that case the aggregate marks and the marks of the relevant subject in which the applicant is seeking admission, will be considered on the basis of marks obtained in B.A./B.Sc. 2nd and 3rd years only for calculation of the basic merit marks and in the relevant subject.

In some cases, there could be students who have not studied the relevant subject, or the study of the subject is too elementary to be equated with the standard of B.A./B.Sc. level of Panjab University in the subject in which they are seeking admission in Post-graduate course. For such category of students **Y** is taken to be zero.

Candidates having passed B.A./B.Sc. from other universities with 4 elective subjects in addition to optional subjects at B.A./B.Sc. level shall not be given any credit under **Y**, i.e. **Y** shall be taken to be zero.

- (c) (i) Candidates who have passed B.A./B.Sc./B.Com. with Hons. either from Panjab University or from any other University would be given 15% weightage of the basic merit marks **X** obtained for the purpose of admission in Post-graduate course in the subject in which Honours examination was passed. Similar weightage would be given to candidates who have passed B.A./B.Sc./B.Com. examination according to Hons. School like system specializing in one subject in which the admission is sought for the P.G. course.

Explicitly this weightage would be denoted by **Z** and calculated as follows :

$$Z = X \times \frac{15}{100}$$

- (ii) Candidates who have passed a Special Degree from another University will be treated at par with B.A. Examination of Panjab University with Honours in the relevant subject provided the B.A. Special Degree is recognized as equivalent to the corresponding B.A. with Honours Degree of Panjab University in the relevant subject.
- (d) Where no test is required for admission, the **final Merit marks** of a candidate would be **X+Y+Z+ other weightages** as prescribed at 18.1 and 18.2. Other weightages as prescribed at 18.1 and 18.2 would be calculated on the basic merit marks **X**.

In a Teaching Department of the Faculties of Arts and Languages which does not hold a separate entrance test for admission to M.A Part-I/Semester-I there shall be two merit lists : first one consisting of those candidates who did their B.A./B.Sc. with the subject of M.A. and the second one of those who did not study the subject of M.A. in their B.A./B.Sc. examination. The first merit list shall be taken up first and the second one after the first merit list is exhausted.

8. Admission based on Entrance Test conducted by Panjab University.

8.1 CET-2011

B.A.LL.B. (Hons.) Five year Integrated Course

B.Com. LL.B. (Hons.) Five year Integrated Course

B.Sc. (Tourism Management)

B.Sc. (Hospitality and Hotel Administration)

B.Pharm.

B.Sc. (Honours School)

There shall be Centralised admission to the following course being offered by the Teaching Departments of Panjab University.

- | | |
|---|---|
| 1. (a) University Institute of Legal Studies, P.U., Chandigarh | B.A.LL.B. (Hons.) Five year Integrated Course

B.Com. LL.B. (Hons.) Five year Integrated Course |
| (b) Swami Sarvanand Giri, P.U., Regional Centre, Bajwara, Hoshiarpur | |
| (c) P.U. Regional Centre, Ludhiana | |
| 2. University Institute of Hotel Management & Tourism (UIHMT), P.U., Chandigarh | B.Sc. (Tourism Management)

B.Sc. (Hospitality & Hotel Administration) |
| 3. University Institute of Pharmaceutical Sciences | B.Pharm. |
| 4. Science Departments | B.Sc. (Hons. School)

(i) Anthropology
(ii) Biochemistry
(iii) Bio-Physics
(iv) Biotechnology
(v) Botany
(vi) Chemistry
(vii) Geology
(viii) Microbiology
(ix) Physics
(x) Zoology |
| 5. Department of Mathematics | (i) Mathematics
(ii) Mathematics & Computing |

- (i) The admission to all the above courses (except B.A.LL.B. (Hons.) Five year Integrated Course), B.Com. LL.B. (Hons.) Five year Integrated Course, B.Sc. (Tourism Management) and B.Sc. (Hospitality & Hotel Administration) will be made on the basis of the score obtained in the COMMON ENTRANCE TEST (CET) 2011 conducted by the Panjab University, Chandigarh on 22-5-2011 and marks obtained in 10 + 2 examination, provided the candidates are otherwise eligible for admission to the institution in terms of the eligibility conditions as mentioned in this prospectus.

For giving weightages of 25% marks obtained in +2 examination for admission to B.Pharm. and B.Sc. (Hons. School) following procedure will be followed :-

- (a) For admission to those courses where the admission is based on marks obtained in 3 subjects in CET, the marks obtained in CET, called X, will be calculated out of 360. The total marks obtained in +2 examination (taking all subjects into consideration) will be calculated out of 120 called Y (i.e., if T = total marks, M = marks obtained, then $Y = (M/T) \times 120$, calculated to 2 decimal places). The merit for admission will be X+Y out of 480.
- (b) For admission to B.Sc. (Hons. School) in Mathematics and B.Sc. Maths & Computing where the admission is based only on marks obtained in Mathematics in CET, the marks obtained in CET in Mathematics, called X_1 , will be calculated out of 120. The total marks obtained in +2 examination (taking all subjects* into consideration) will be calculated out of 40, called Y_1 (i.e. if T = total marks, M = marks obtained, then $Y_1 = (M/T) \times 40$, calculate to 2 decimal places). The merit for admission will be X_1+Y_1 out of 160.
- (ii) The admission to B.A.LL.B. (Hons.) Five year integrated Course, B.Com. LL.B. (Hons.) Five year Integrated Course, B.Sc. (Tourism Management) and B.Sc. (Hospitality and Hotel Administration) will be based on the merit prepared on the basis of total of 50% marks obtained in +2 examination and 50% marks obtained in the Entrance Test conducted by the Panjab University.

For admission to B.A.LL.B. (5 year course), B.Com. LL.B. (Hons.) Five year Integrated Course, B.Sc. (Tourism Management) and B.Sc. (Hospitality and Hotel Administration) the marks of 5 best scoring subjects will be taken into consideration, for the purpose of preparing merit of 10+2 marks.

The candidates having compartment in 10+2 examination held in March 2011 will not be eligible for admission in the course. The candidates who do not appear in CET or who do not qualify CET shall not be considered for admission.

Candidates desirous of seeking admission against Foreign Nationals/PIO/NRI seats to B.A.LL.B. (Hons.) Five years integrated Course. B.Pharm. and B.Sc. (Honours School) courses, who are present in India, will complete amongst themselves for the seats created for them by appearing in the Entrance Test. Those living abroad will be required to produce the Test Scores of: Scholastic Aptitude Test-II (SAT-II) with permissible combination of subjects, conducted by the Educational Testing Services, Princeton, U.S.A. for admission to undergraduate courses. They have to comply with the requirements of Govt. of India. if any, as well as Panjab University, Chandigarh as prescribed by them from time to time.

*The expression..... "The total marks obtained in all subjects (taking all subjects into consideration)" means total marks obtained in all compulsory number of subjects i.e. 5 subjects in CBSE (max. marks 500), Board of School Education Haryana (max. marks 500), H.P. Board of School Education (max. marks 500) and J & K State of Board of School Education (max. marks 750), 6 subjects until 2007 and 5 subjects from 2008 in case of Punjab School Education Board (max. marks 500, 450 respectively) and 6 subjects in ICSE (max. marks 600) or as the case may be for any recognized board.

8.2 Admission based on O-CET-2011

Entrance Test (O-CET-2011) For Admission to :-

LL.B., LL.M., M.C.A., M.A. Journalism and Mass Communication), M.A. (English), M.Tech. (Instrumentation), M.Tech. (Nanoscience and Nanotechnology), M.E. (Chemical), M.Tech. (Polymer), M.Sc. (Industrial Chemistry), M.E. (Electronics and Communication Engineering), M.E. (Information Technology), M.E. (Computer Science & Engg.), M.Tech. (Microelectronics), M.B.A. (Executive), M.Com. (Hons.), M.P.Ed., B.P.Ed., M.Sc. Hons. School : (Biochemistry, Biophysics), Computer Science, Mathematics, Microbiology), M.Sc. 2-Year Course : Environment Science, Human Genomics, Nuclear Medicine, System Biology & Bio Informatics, Microbial Biotechnology), Medical Physics, M.Sc. (Hons. School/ 2-year course) : (Biotechnology, Botany, Chemistry, Physics and Zoology).

Eligibility would be as stated in O-C.E.T.-2011 Prospectus.

- (i) **Criteria for admission to the aforesaid courses except M.A. in Journalism & Mass Communication and MBA (Executive) is as under :**

The candidate should have passed the Written Entrance Test conducted by Panjab University, Chandigarh. The merit list will be prepared considering the marks obtained in the Entrance Test and the Qualifying Examination as per the following criteria :

Written Entrance Test	: 50%
Qualifying Examination	: 50%

Academic and other weightage(s), if any, will be based on the percentage of marks obtained by the eligible candidates in the Qualifying Examination as prescribed in Section 16.1. The candidates will have to appear for a personal interview as per the merit list. However, there will be no marks awarded for the interview.

Illustration :

- (a) The above criteria mean that if the total marks for admission are taken as 100, there will be 50 marks for his/her performance in B.A./B.Sc./B.Com. and 50 marks for the Entrance Test 2011. The candidates' merit list can be prepared by taking the marks obtained by the candidate in B.A./B.Sc./B.Com. examination out of 50. This could be calculated by normalizing B.A./B.Sc./B.Com. (three years) marks out of 50. It is illustrated as under. If a candidate has obtained 1200 out of 2400 marks, his/her marks out of 50 would be 25.

$$\frac{1200}{2400} \times 50 = 25$$

These are referred to as the **Basic Merit Marks** of the candidate.

Further if the candidate gets 60 marks out of 75 in the Entrance Test, his/her merit marks would be 40 out of 50.

$$\frac{60}{75} \times 50 = 40$$

His/her total merit marks would become 25+40=65 out of 100.

- (b) If the candidate who has passed B.A./B.Sc. Examination with Hons. or from Hons. School like system specializing in a subject he/she be given an additional weightage of 15% on the Basic Merit Marks of the qualifying examination (i.e. marks obtained out of 50) e.g.

If the candidate obtained 1200 marks out of 2400 his/her weightage under this clause would be :

$$\frac{1200}{2400} \times 50 \times \frac{15}{100} = 3.75$$

His/her total merit marks after adding weightage would get to 25+40+3.75=68.75.

Academic and other weightage(s), if any, will be based on the percentage of marks obtained by the eligible candidates in the Qualifying Examination as prescribed in Section 16.1. The candidates will have to appear for a personal interview as per the merit list. However, there will be no marks awarded for the interview.

(ii) M.A. Journalism and Mass Communication (2-Year Course)

Eligibility Conditions

The Entrance Test is open to all such candidates who have :

- (i) A Bachelor's degree obtaining at least 45% marks in the subject of Journalism and Mass Communication or 50% marks in the aggregate.
- (ii) B.A./B.Sc. with Honours in Journalism and Mass Communication.
- (iii) Master's Degree examination in any subject.

Criteria :

Written Entrance Test	:	50%
Qualifying Examination	:	50%

The total marks for Entrance Test are 75, which have been split up as under :

- (i) Marks for Written Test 65
- (ii) Marks for Group Discussion 5
- (iii) Marks for Interview 5

The aggregate marks obtained above will be normalized to marks scored out of 50.

Notes :

1. Only those candidates will be called for group discussion & interview, in order of merit, who have secured a minimum of 20% marks in the Written Test except in case of candidates belonging to Scheduled Castes/Scheduled Tribes who must secure a minimum of 15% marks.

2. The number of candidates called by the department for group discussion/interview shall be five times the number of seats in each category if the number of candidates is very large.
3. Should any category not have five times the number of candidates then all the candidates in that particular category shall be called for Group Discussion and interview.
4. The candidates called for Group Discussion and interview will have to produce Detailed Marks Card (DMC) certificates in original before the commencement of Group Discussion/ interview, failing which they shall not be allowed to participate in the Group discussion and interview.

(iii) M.B.A. (Executive)

Merit List

The admission will be made on the basis of the Entrance Test (85% weightage), Group Discussion (7.5% weightage) and Personal Interview (7.5% weightage). The result of the Entrance Test, however, will not be sent to the candidates but will be conveyed confidentially to the Chairman, University Business School (UBS) who will compile comprehensive result after the Group Discussion and Interview and notify the same on the departmental notice board.

8.3 Eligibility condition for B.Sc. (Hons. School) 2nd year and 3rd year :

- (a) A student will be eligible to seek admission to B.Sc. (Hons. School) 2nd year only if he/she has passed B.Sc. (Hons. School) 1st year Examination.
- (b) A student will be eligible to seek admission to B.Sc. (Hons. School) 3rd year only if he/she has passed B.Sc. (Hons. School) 2nd year Examination.
(Syndicate Para 5, dated 27.4.2002)

8.4 Admission to all the Departments having B.Sc. (Hons. School) and M.Sc. (Hons. School) Courses :

- (i) The candidates of B.Sc. Hons. School shall have to qualify the minimum 50% of the total papers/credits attended by the candidates at the end of the 2nd and 4th semesters to be promoted to next year.
- (ii) The candidates of M.Sc. Hons. School shall have to qualify the minimum 50% of the total papers/credits for promotion to second semester.

Note : A candidate can take admission in M.Sc. (Hons. School) only after one qualifies in all the papers of six semesters of B.Sc. Hons. School.

9. MBA (Full time), MBA (H.R.), MBA (I.B.) & MBA (Biotechnology)

The weightage has been prescribed as under :

- | | | | |
|-------|------------------------|---|--------------------------------------|
| (i) | Written test CAT Score | = | 85% (of the percentage of CAT Score) |
| (ii) | Group Discussion | = | 7.5% |
| (iii) | Personal Interview | = | 7.5% |

10. Eligibility conditions for M.Sc. (Hons. School) 2nd Year class

A student who has passed M.Sc. (Hons. School) Part I in the subject concerned shall be eligible to join Part-II (2nd year) class of that course.

11. M.A. (Education)

A person who have passed one of the following examinations from this University or from any other University whose examination has been recognized as equivalent to the corresponding examination of this university shall be eligible to join the First year (Part I) class of the M.A. course.

(i) For Indian Nationals :

A graduate in any discipline/stream with 50% marks from recognized Indian Universities with B.Ed.

OR

The students who have studied Education; or Philosophy; or Psychology; or Sociology as in elective subject or honours course at first or second degree level with 50% marks.

(ii) A student having 50% marks in the qualifying examination or equivalent grade from Foreign University having equivalent graduate degree certified by the Association of Indian Universities (AIU).

(Syndicate Para 22, dated 4.12.2009).

12. Admission to M.A. Courses on the basis of Aptitude Test

In the event, the Board of Control/Advisory Committee desires to conduct aptitude tests at the Department level for admission to M.A. Part-I class, the following procedure will be followed (besides the rules/regulations of Panjab University governing eligibility, equivalence and admission in a particular subject) :

(i)	Aptitude Test	:	40%
(ii)	Academic weightage	:	60%
	(a) 10 th Class	:	10%
	(b) 10+2 Class	:	10%
	(c) B.A./B.Sc./B.Com.	:	25%
	(d) (Hons.) in the concerned subject	:	15%

Note: Aptitude test will be of one hour duration based on the syllabus of B.A. (in concerned subject) of Panjab University.

12.1 M.A. (Sanskrit) and M.A. (Gandhian Studies)

Only those candidates who secure at least 40% marks (35% for SC/ST) in the Entrance Test (to be conducted by the department), i.e. 16 out of 40 (14 out of 40 for SC/ST candidates), will be eligible for admission.

12.2 M.A. (History of Art)

The criteria for Admission will be as follows :

- | | | | |
|------|----------------------------|---|-----|
| (i) | Aptitude Test | : | 40% |
| (ii) | Academic weightage | : | 60% |
| | (a) 10 th class | : | 10% |
| | (b) 10+2 class | : | 10% |
| | (c) B.F.A./B.A./B.Com. | : | 40% |

Note: Only those candidates who qualify the aptitude test by securing at least 45% marks i.e. 18 out of 40 marks will be eligible for admission.

12.3 M.A. (Music Vocal/Instrumental) :

Only those candidates who qualify the Aptitude Test by securing at least 50% marks, i.e. 20 out of 40, will be eligible for admission.

A candidate shall opt the subject only if (a) he/she has passed in that subject in the B.A. examination or (b) is working as an approved teacher of Music in a recognised Higher Secondary School or in an affiliated college.

12.4 M.A. (Indian Theatre) :

For admission to M.A. (Indian Theatre) the criteria will be as follows :

- (i) Objective Type Written Test to be conducted by the Dept. 30 Marks (Only those candidates who secure at least 50% marks in the Objective Type Written Test will be allowed to appear in the Specially Designed Performance Test).
- (ii) Specially Designed Performance Test to be conducted by the Dept. 70 Marks (Only those candidates who qualify Objective Type Written Test and Specially Designed Performance Test by securing at least 50% marks in both will be eligible).

12.5 Five Years Integrated B.Sc. & M.Sc. in Fashion & Lifestyle Technology

1. An aptitude test to assess the skill of candidates in free hand drawing, 3D sketching, designing and general ability will be taken.
2. Communication skills will be tested through an interview.
3. Distribution of marks for the aptitude test, interview and academics will be as follows :

Academics	:	20%
Preference Criteria	:	10%
Aptitude & Objective Test	:	60%
Interview	:	10%

4. The candidate must not be more than 20 years of age as on 1st August for the year in which admission is sought to the First Semester (22 yrs. in case of SC/ST).

12.6 Diploma in Translation Hindi to English (Hindi Deptt.)

Computation of Marks :

1.	Qualifying Marks (B.A./B.Sc./B.Com. etc.)	50% weightage
2.	Written Test	50 marks
		Total (Out of 100 Marks)

Other weightages to them are given as prescribed in section 16.1.

Additional Weightages

- (i) Hons. (Hindi, Sanskrit, English) 5 marks.
 - (ii) M.Sc./M.A. (First Class 10 Marks, Second Class 7 marks, Third Class 4 marks).
 - (iii) M.Phil. – 5 marks and Ph.D. – 10 marks.
 - (iv) Functional Hindi : I Class - 10 marks. II Class- 7 marks, III Class -4 marks.
- Subject to a Maximum of 10 marks in all the above four [(i) to (iv)] taken together.

13. Admission to M.A. Part-I on the basis of Master's Degree examination in another subject or in another Faculty :

If the eligibility is to be determined on the basis of M.A. Degree then merit is to be determined on that basis alone. No weightage is, thus, to be given on the basis of B.A. marks even in the relevant subject.

14. Compartment Candidates : As per Cal. Vol. II, 2007 at page 91 item No. 7 :-

“To qualify for the grant of credits for a particular course, a candidate must get at least the pass marks. If he fails in this course, he will not get credit for it. He may repeat the course as a regular student in which he has failed when it is offered next. He may also be allowed to take the examination for such a course without attending the classes.

If at the second semester, he successfully completed courses, remain less than 16 credits, he will not be allowed to join the third semester. At the end of third semester, he must have successfully completed 24 credits to enable him to join fourth semester”.

15. Admission to M.A. Semester III Courses for candidates who have passed their M.A. Semester I & II examination (other than the regular students of Panjab University Teaching Departments) :

The vacant seats in each category may be filled by the respective Boards of Control on merit provided that any candidate so admitted shall have secured marks in Semesters I & II not less

than the marks of the last candidate in the merit list of students promoted by the Department from M.A. Semester II to Semester III and the outside candidate (other than the regular student of respective Department) having Reappear/Compartment will not be considered for Admission to M.A. Semester III.

16.1. Weightages :

The following weightages shall be given, wherever applicable, on the normalized aggregate marks arrived at or on academic weightage determined for qualifying examination for courses covered under the Entrance Test.

- (i) 5% of the marks thus obtained by such candidates as have passed the qualifying examination from Panjab University. **This weightage will not be applicable for admission to such courses where admissions are made only on the basis of competitive/entrance test.**
- (ii) Up to a maximum of 4% for distinction in any or all of the following co-curricular activities, achieved in any of the 3 years preceding the year of admission. 1% weightage shall be given for each of these categories, except in the case of NCC and Adult Education, for which weightages are given as under :

(a) N.C.C.

The Holders of N.C.C. A, B and C certificates shall be given the weightage in marks as under :

A : 1%. B : 2% , C : 3%

(b) N.S.S. (O, A* or B grades of Certificate of merit for winning first or second position).

OR

ADULT EDUCATION :

- (1) For students who are running adult education centres :
 - (i) For making 10 students literate Credit point = 0.35%
 - (ii) For making 15 students literate Credit point = 0.65%
 - (iii) For making more than 15 students literate Credit point = 1.00%

*The certificate awarded to the students under the seal of the Panjab University/Other Universities/D.P.I./D.E.O. regarding participation in the NSS Camp sponsored by the Govt. of India, may be considered equivalent to Grade 'A' :

- (i) Participation in Advanced Youth Leadership Training Camp. 'A'
- Participation in Youth Leadership Training Camp 'B'
- Participation in Advanced Mountaineering 'A'
- Participation in Hiking/Trekking 'B'
- Participation in Mountaineering 'B'
- (ii) Participation in Zonal (within University) Youth Festival 'O'
- Participation in Zonal Inter-University
- (Under the auspices of the A.I.U. or Government) Youth Festival. 'A'
- Participation in University Level Youth Festival 'B'

Norms of proficiency in literacy would be as laid down by the Directorate of Adult Education, Ministry of Human Resource Development, (G.O.I.).

(2) For the student volunteers of mass involvement for functional literacy :

- (i) For making 2 students literate : Credit point=0.35%
- (ii) For making 4 students literate : Credit point=0.65%
- (iii) For making more than 4 students literate : Credit point=1.00%

Persons claiming credit on this account will obtain the desired certificates from the Director, Centre for Adult Continuing Education, Panjab University, Chandigarh.

(Vide Syndicate Para 16, dated 16-5-1987)

(iii) Any other weightage approved by the D.U.I./Vice-Chancellor.

A Candidate can claim weightage in one or more categories given above. However, the total weightage allowed shall not exceed 9% of the normalized marks obtained in qualifying examination.

These weightages shall not be used for determining eligibility for admission as prescribed by the University under its Regulations.

16.2. Additional weightages will be available to the following categories of candidates as indicated :

(i) M.P.Ed.

- (a) A person getting any of the first three positions in the Olympic/World Game/Commonwealth Game/ World Cup Tournaments/Asian Games. 50 marks
- (b) A person representing India in the above said games/Tournaments. 40 marks
- (c) A person representing India in official test matches abroad and within the country. 30 marks
- (d) 1st position in All India Inter-University/Senior National approved games competition conducted by the respective Federations. 20 marks
- (e) 2nd position in the above said competitions. 15 marks
- (f) 3rd position in the above said competitions. 10 marks
- (g) 1st position in Zonal Inter-University competitions. 9 marks
- (h) 2nd position in the above said competitions. 8 marks
- (i) 3rd position in the above said competitions. 7 marks

(ii) B.P.Ed.

- (a) A person getting any of the first three positions in the Olympic/ World Games/Commonwealth Game/ World Cup Tournaments/ Asian Games. 50 marks
- (b) A person representing India in the above said games/Tournaments. 40 marks
- (c) A person representing India in official test matches aboard and within the country 30 marks

- | | | |
|-----|--|----------|
| (d) | 1 st position in All India Inter-University/Senior National approved Games/competition conducted by the respective Federations. | 20 marks |
| (e) | 2 nd position in the above said competitions. | 15 marks |
| (f) | 3 rd position in the above said competitions. | 10 marks |
| (g) | 1 st position in the Zonal Inter-University competitions. | 9 marks |
| (h) | 2 nd position in the above said competitions. | 8 marks |
| (i) | 3 rd position in the above said competitions. | 7 marks |
| (j) | 1 st position in the Inter College/State approved Games/competitions. | 6 marks |
| (k) | 2 nd position in the above said competitions. | 5 marks |
| (l) | 3 rd position in the above said competitions. | 4 marks |

Note : Only one highest admissible position will be considered for giving weightage listed above.

17. Resolving of ties :

In the case of a tie at any stage in the preparation of the merit list, candidates securing equal marks will be bracketed together. Their inter-se-merit will be determined according to the following criteria :-

- (i) A candidate getting higher percentage of marks in the qualifying examination shall rank higher in order of merit.
- (ii) That if the marks in qualifying examination are also the same then the candidates obtaining more marks in the immediate lower examination, shall rank higher in order of merit.
- (iii) That if two or more candidates secure equal marks in (i) & (ii) above, the candidate senior in age shall rank higher in the order of merit.

Note : When the provisional lists of candidates (based on merit) are displayed on the Notice Board, the Chairpersons shall mention the fact that this list is subject to change on account of improvement of result of the qualifying examination wherever applicable. The new result must be presented at the time of interview/operating of the waiting list.

18. Interviews :

All the candidates whose names appear on the provisional merit list shall, prior to admission, be interviewed by the Board of Control of the subject concerned or a Committee of the Board of Control constituted by the D.U.I./Vice-Chancellor. **Candidates who do not appear for the interview will not be considered for admission.**

The candidates must produce all the relevant certificates in original for verification at the time of interview, failing which they will not be considered for admission.

19. Preparation of final Merit list/Waiting list :

After interviewing the candidates and taking into account all the criteria of admission applicable (for instance, the scores, plus weightages, or the addition of admission/aptitude test scores, where applicable, etc.) each Department/Centre/Joint Admission Cell shall prepare a final list of selected candidates. This list shall be signed by the members of the Board of Control/Committee of the Board of Control approved by the D.U.I./Joint Admission Cell, certifying that the list has been prepared in order of merit and the relevant rules and regulations as laid down have been followed.

The Department/Centre/Joint Admission Cell shall then send the following list (in duplicate) for the D.U.I's approval.

- (i) provisional merit list of all candidates category-wise.
- (ii) final merit list of candidates recommended for admission category-wise and their application forms, and
- (iii) the list of candidates placed on the waiting list, if any, category-wise.
- (iv) Attendance of all the Candidates.

If a candidate, whose name is on the provisional list, is denied admission while a candidate below him is selected, the reasons for admission being denied shall be recorded and such a case shall be brought explicitly to the notice of D.U.I.

20. Revision of Merit & placement of Applicants :

A candidate whose merit is revised consequent upon the late declaration of Hons. result or General result and his/her merit falls among the candidates in the merit list of selected candidates, category wise, his/her name be placed at the top of the waiting list.

(Syndicate Para 40, dated 12-3-2005)

21. Rejection of incomplete Application Forms

The Board of Control/Committee of Board of Control/Joint Admission Cell can reject the application form which it regards as incomplete. Reasons for rejection must be recorded on the application form.

22. Cancellation of Seat/Admission

Admission of all such students who fail to attend atleast 33% of the total lectures delivered and practicals held in all the papers during the first 10 working days from the start of teaching work in the course concerned shall be cancelled by the Board of Control/Joint Admission Cell after following the procedure given below :

1. By the 12th day after the start of classes for a particular course, the names of those students who fail to attend at least 33% of the total lectures/practicals shall be put up on the Department Notice Board. Within 4 days of the date of such notice, a student who is so short of attendance may give in writing the reasons for his absence from the classes.
2. If a student does not submit an application in writing within the prescribed time as stated above, or the reasons adduced by the student in his application are not found to be sufficient and justified in the opinion of the Board of Control/Joint Admission Cell, his admission shall be cancelled.
3. All the seats thus falling vacant shall be filled from the waiting list or through subsequent counselling before the expiry of the last date fixed for admissions by the University.
4. When the admission of the students is cancelled as stated above, the Department shall display on the Department Notice Board the list of the person(s) next in the waiting list and make admissions accordingly.

Note : It is obligatory on the part of students to keep in touch with the Department concerned for the possibility of the seats to fall vacant.

23. Admission for late applicants with high merit.

Before considering candidates placed on waiting list for admission, a Board of Control or Admission Committee or Joint Admission Cell may admit a late applicant in the open/reserved category for sufficient cause with the prior approval of the D.U.I./ Vice-Chancellor, but only if his/her merit falls in the merit of the first 25% of the applicants admitted in the open/reserved category.

Late admissions shall not be allowed where;

- (i) no seats are available;
- (ii) the last date of admission as prescribed by the University is over.

24. Admission of students whose results are revised as a consequence of re-evaluation or otherwise late declaration of result, can be made only if :

- (i) Seats are available;
- (ii) Candidate is higher in merit than the candidate in waiting list.
- (iii) The request is made before the last date for late admission with the prior approval of the Vice-Chancellor as already laid down.

The following Rule in the P.U. Cal. Vol. III, 2005 at page 398 will be followed in case of re-evaluation cases :

“If as a result of Re-evaluation, a candidate passes at the examination, he/she shall be eligible to seek admission to the next higher class within ten working days of the communication of re-evaluation result to him/her. His/her attendance shall be counted from the date of his/her admission. However, no candidate would be granted admission on the basis of re-evaluation result after 31st December of the academic session. In the case of admission to a course having Semester Exam. the date will be Oct. 15”.

In the case of late declaration of results due to any reason other than re-evaluation :

That in the case of Panjab University students who had already appeared in any of its examinations and the result was declared late for one reason or the other, while they were in the midway of the course/class, the admission to the next class/course be allowed within 10 days from the date of declaration of the result, without any late fee but not later than 31st December of the academic session. In the case of admission to a course having Semester Exam. the date will be Oct. 15.

(Syndicate para 40, dated 12-3-2005)

25. Verification of Certificates :

All certificates submitted by the candidates at the time of submission of Admission Form in support of their claims **shall be checked against the originals at the time of interview.**

For the marks obtained, the original certificates shall be ones issued by the University/ Board concerned only, and **NOT** by any Principal of a School/College.

In case a candidate happens to have surrendered the original certificate to an institution/ office, as for re-evaluation etc., a copy of the certificate duly attested by a Class-I Officer of the University or a Gazetted Officer may be considered, after a satisfactory explanation from the candidate. Admissions based on such certificates shall be treated as provisional.

- (i) The form of application prescribed by the authority from which a certificate submitted by the candidate in support of a claim made by him/her should be obtained. No deviation from this shall be made.

- (ii) The Character Certificate submitted by a candidate, as required in the form of application, shall be from the Head of the Institution/University Department last attended.
- (iii) A certificate, submitted by the candidate in support of a claim made by him/her, should be in the format prescribed by the issuing authority.

No deviation from this shall be made.

26. Certificate concerning gap years :

Candidates whose career reflects a gap of years between passing of the last examination and the admission being sought now by them, are required to furnish, at the time of application, an affidavit to the effect, attested by the Magistrate 1st class/Notary that they were not involved in any Offence/Unlawful activities during the gap years. The Chairpersons/Chairperson, Joint Admission Cell shall satisfy themselves that, during this gap period, the candidates were engaged either in service or in studies.

27. Verification of SC/ST Certificates :

The admission of the SC/ST candidates producing the requisite certificates of being SC/ST for admission in various courses at this University be made provisional subject to verification of the certificates from the issuing authority by the Chairperson of the department concerned, as required in the UGC letter circulated by D.R. (Academic/Colleges) vide his Endst. No. 5201-5350/Spl. Cell/SC/ST dated 30-9-1991.

28. Medical check-up :

A candidate selected for admission is required to submit a Medical Certificate of Physical Fitness can be obtained from (i) CMO, Panjab University Health Centre after depositing prescribed fee at the SBI extension counter, Panjab University, or (ii) any Govt. Hospital/ any Govt. Dispensary. This certificate is a pre-requisite for the confirmation of the admission. Students should approach the C.M.O.'s Office on the prescribed date/s only after obtaining admission slip from the Department and after paying the medical fee.

29. Admission of ICCR-Sponsored Students :

The Vice-Chancellor shall be authorized to admit ICCR (Indian Council of Cultural Relations) sponsored students by creating additional seats on the recommendations of the Board of Control of a Department.

30. Creation of additional seats for candidates qualifying their lower examination with a Vocational subject :

5% additional seats may be created in a Department for candidates who have passed their lower examination with vocational subject, after obtaining permission of the DUI/Vice-Chancellor.

31. In the event of any difference in the interpretation between these, Handbook of Information & Rules for Admission 2011 or various Prospectuses of admission published separately, the matter shall be referred to D.U.I./V.C. whose decision shall be final.

Further, in preparation of the merit list if there are cases which are not covered in these rules, the same may be referred with factual details alongwith the recommendations of the Board of Control for consideration to the D.U.I./V.C whose decision shall be final.

Dean of University Instruction

**SPECIMEN OF FORMS OF CERTIFICATES TO BE ATTACHED TO
ADMISSION FORMS WHEREVER APPLICABLE
CERTIFICATE OF BELONGING TO A SCHEDULED CASTE/TRIBE**

Despatch No. _____ Dated _____

Certified that _____

son/daughter of Shri _____

resident of _____

District _____ State _____ an

applicant for admission to _____ course

of Panjab University, Chandigarh, belongs to _____

_____ caste of Scheduled Caste/Tribe which is

recognised by _____

State Government.

Name of the

Certifying Officer _____

* S.D.M./Tehsildar

Designation _____

(with office seal)

*Certificate from no other authority will be accepted.

VERIFICATION OF SC/ST CERTIFICATES

The admission of SC/ST candidates producing the requisite certificates of being SC/ST for admission in various courses at this University be made provisional subject to verification of the certificates from the issuing authority by the Chairperson of the concerned department as required in the U.G.C. letter circulated by D.R. (Academic/Colleges) vide his endst. No. 5201-5350/Spl. Cell/SC/ST dated 30.9.1991.

**CERTIFICATE OF DEATH/INCAPACITATION OF
MILITARY PERSONNEL IN ACTION**

Despatch No. _____

Dated _____

Certified that _____ an
applicant for admission to _____ course
Panjab University, Chandigarh, is the son/daughter of Shri _____
(mention rank also). Shri _____ was
killed/incapacitated in action on _____
(mention date), and his death/incapacitation did not occur due to an accident while performing a routine
duty pertaining to job requirement.

Name of the Certifying Officer

Designation _____

Signature of authorised Military Officer
(with office seal)

**CERTIFICATE OF BELONGING TO
A BACKWARD CLASS**

Despatch No. _____

Dated _____

Certified that _____
son/daughter of Shri _____ belongs
to _____ Cast which
falls in the category of backward class in accordance with the latest _____
_____ (State) Govt. Circular No. _____
_____ dated _____ issued by

(authority)

Name of the Certifying Officer

Signature of the

S.D.M./Tehsildar

Designation _____

(with office seal)

CERTIFICATE OF PHYSICALLY HANDICAPPED CANDIDATE

Despatch No. _____

Dated _____

**TO BE ISSUED BY MEDICAL AUTHORITY OF A
GOVERNMENT HOSPITAL**

1. Name of the candidate _____
2. Father's Name _____
3. Permanent address _____

4. Percentage of loss of earning capacity in words _____
5. Whether the candidate is otherwise able to carry on studies and perform duties _____
6. Name of the disease/cause of handicap _____
7. Whether handicap is temporary or permanent _____
8. Whether handicap is progressive or non-progressive _____

Name of the Certifying Officer
Designation _____

Signature of authorized Medical Officer
(Legible Office Stamp)

**CERTIFICATE TO BE FURNISHED BY FOREIGN NATIONALS/PIO/NRI
CANDIDATES**

I _____ son/daughter of _____ Resident
of _____

(give full address)

of _____ and father/mother of
(give exact category/status of immigrant)

Shri/Miss/ _____
resident of _____ who is seeking admission in the department/
institution of Panjab University, Chandigarh declare and affirm that :

I shall be responsible for timely payment of prescribed tuition fees (payable annually) and all other dues and charges in full (and not in parts/instalments) to the Panjab University, Chandigarh, immediately after the admission is granted to the above candidate as also during the subsequent years of studies.

Tuition fee shall be paid by me in the form of Bank Draft in U.S. Dollars/Pounds/ Sterling/Euros or equivalent amount in Indian currency payable to the Registrar, Panjab University at Chandigarh alongwith a bank certificate for encashment of foreign currency of the like amount.

In addition to tuition fee, I shall also pay all other dues and charges to the Panjab University as payable by other students of the same class belonging to the same category in foreign currency or in Indian Rupees as per University Rules and Regulations.

I understand that in case of failure to pay fees and dues on time, the admission will automatically stand cancelled and fee already paid will not be refundable. Neither I nor the candidate Mr./Miss _____ shall have any claim against the University on any account whatsoever.

Signature _____
of the Mother/Father of the candidate

Dated : _____

Place : _____

Note : The above stated certificate should be submitted on Court Paper and must be attested by a Notary Public at the place and country where he/she is residing at the relevant time.

GUIDELINES FOR ADMISSION TO THE RESERVED CATEGORY OF SPORTS

Five per cent seats of the total number of seats in each course are reserved under this category. No benefit on the basis of sports shall be given to the candidates not applying for admission in this category.

1. Each applicant applying for admission in this category shall, along with the Admission Form, will submit self-attested photocopy of sports certificates, Class-X and Class-XII details marks certificates showing date of birth. The affidavit of sports achievement (Annexure III) duly attested by a Notary/Magistrate Class I/II on a Stamp Paper of Rs. 3/- must also be submitted alongwith the Admission Form to the concerned department and the concerned department will send the photocopy of the application forms after paging all the documents received from eligible candidates to Directorate of Sports.

2. The D.U.I. has the authority to cancel admission at any time, if it is found that the candidate obtained such admission on the basis of a false certificate or incorrect statement/record.

3. Students seeking admission under this category will be considered for admission only in the games and disciplines in which the Panjab University sends its teams for participation in the Inter-University Tournaments. However in the game of Kabaddi (Punjab Style) & Yoga tournaments only conducted by Panjab University, Chandigarh will also be considered for the admission. (For the inclusion of such games and discipline, see Annexure-I).

4. Reservation under Sports Category is meant only for those active¹ sports-persons who would participate in the Campus, University, National, International level Sports Tournaments. Such students will be considered for admission only if :-

- (i) their achievement in sports relates to their activities in any of three years immediately preceding the year of admission² (relaxable to 4 years in exceptional cases, on merit, for outstanding sportspersons)³.
- (ii) if they are otherwise also eligible for participation in Inter-College, Inter-University, National and International Sports Tournaments as per Association of Indian University rules (see Annexure-II).
- (iii) if the performance of the candidate in the trial is not satisfactory, his/her candidature can be rejected.
- (iv) no document including affidavit etc. will be accepted after the last date of submission of admission form neither by the concerned Deptt. nor by the Directorate of Sports. However, in case any sports persons earn any achievement upto June 30, 2011 he/she may submit supplementary copy of the document to the concerned department alongwith additional affidavit.

5. A committee constituted by the Vice-Chancellor shall screen all the applications under this category through interviews and by holding actual sports trials in the respective games on the Panjab University Grounds, Chandigarh & other venues in Chandigarh as per Schedule of Trials (Annexure-VI). The date of sports trials will be informed by the respective Department in which the applicant applied for

1. Means a person attending the grounds regularly so as to prepare himself for participation in the Inter-College and Inter-University Tournaments. However, his/her age falls within the age group which is eligible for participation in Inter-College/Inter-University Competition.

2. Preceding three year means from 1st July 2008 to 30th June 2011.

3. Securing first three positions in All India Inter-University/Seniors National Championship/National Games in Senior Category/Participation in International competition at Senior or Junior level recognized by respective International Federation, Indian Olympic Association or Ministry of Youth Affairs & Sports.

admission. Only such applicants will be allowed to appear for the interviews and actual sports trials, whose applications are found in conformity with the requirements/qualifications mentioned in the Guidelines by the Directorate of Sports. Applicants are to appear for interview with all the original sports certificates and all the academic certificates. No certificates on letter-pad/letter-head will be accepted.

6. The Directorate of Sports, Panjab University shall take an undertaking in the form of an Affidavit (Annexure-IV) on a Stamp Paper of Rs. 3 duly attested by the Notary/Magistrate Class I/II from the students that they will attend the grounds regularly and would also participate in the Inter-College/ Inter-University, National and International sports tournaments. Their admission would be liable to be cancelled if the terms of the undertaking thus given are not adhered to.

7. The order of precedence in the selection of candidates for admission will be as per Annexure V :

- (i) A student falling under category 'A' shall be placed higher in merit than a student falling under category 'B'. Similarly a student falling under category 'B' shall be placed higher in merit than a student falling under category 'C' and so on.
- (ii) Likewise, within each category a student falling in category 'A' (1) will be placed higher in merit than a student falling in category 'A' (2) and so on.
- (iii) A student who attains first position in a competition shall be rated higher in merit than the one who gets second position in a competition of the same level. Similarly, second position will be rated higher in merit than the third in the same level of competition and so on.
- (iv) If there is a tie within the same category, this tie shall be resolved by considering the "academic merit"⁴ and even then if there is tie, it will be resolved by the seniority in age i.e. date of birth of the students and such tie will be resolved by the concerned Deptt. in which applicant applied for admission.

8. In the case of individual sports discipline, position in individual events will be considered for gradation and not the position of the team as a whole.

9. The inter-se-merit of the candidates seeking admission to any course under the reserved category of Sports shall be determined only on the basis of their merit in Sports as per grading criteria in Annexure-V.

10. (i) The case of sports persons with achievements in games/disciplines not included in Annexure-I, but excelling⁵ at National/International level;
- (ii) Outstanding sportsperson who are not eligible for the participation in the Inter-College & Inter-University tournaments (on account of expiry of active eligibility period for the participation in the Inter-College/Inter-University competitions) and contributed Panjab University in their past by bringing laurels;

their case recommended by the Directorate of Sports, may be considered by the Vice-Chancellor for admission to a particular course by creating an additional seat to the extent of 2% seats in the respective course. These seats shall be treated as being in addition to the approved strength of the course in that year only. Sports persons wishing to avail Clause 10 should submit a separate application along with the concerned department's Admission Form.

4. Where there is an entrance test, tie shall be resolved by considering marks obtained in entrance test only.

5. Excelling at National/International level means securing only first position at national level in the senior tournament conducted by respective national federation which is recognized by the Indian Olympic Association OR representing the country in the International tournament (only Senior category) recognized by the Indian Olympic Committee & Indian Olympic Association.

11. Not less than 75% attendance in sports grounds for all those students admitted against reserved category of sports shall be a condition precedent for appearing in the examination.

12. When student is required to abstain from the Department for participation in Inter-College/ Inter-University/National/International Sports Tournaments, he/she should seek prior permission of the Chairperson of the Department of which he/she is the student.

13. If a student admitted under the reserved category of Sports, remains absent from the grounds for regular practice for a continuous period of seven days without leave, his/her name shall be struck off the rolls by the Chairperson of the concerned Department on the recommendation of the Directorate of Sports, Panjab University, Chandigarh.

14. Deficiency of equal number of lectures (theory/practical, seminars) for tutorials, etc., shall be condoned for sportspersons for attending Coaching Camps for participation in various Campus, Inter-Hostel and Inter-Departments, Inter College, Inter-University, National and International level tournaments.

15. In case a student does not attend the grounds for practice or does not participate in the P.U. Campus Sports Activities including Campus Annual Athletic Meet, Inter-College competition, Inter-University tournaments on medical grounds, the medical certificate issued by the University Chief Medical Officer only will be accepted.

16. In case there are more than one State Association and/or National Federations in any game, the University will entertain and consider only such applicants in Sports Category who have certificates issued by a State Association and/or National Federation that is recognized by the Indian Olympic Association. Certificates issued by the State Associations and/or National Federations not recognized by the Indian Olympic Association will not be considered by the University for any purpose.

17. Candidate will submit an affidavit from the Secretary of the Association that my association is the only one pertains to this game/sports and is recognized by Chandigarh Olympic Association, Chandigarh Sports Council, National Federation and Indian Olympic Association.

18. Credit to the Inter-College Competition including "C" Division (Men & Women) conducted by the Panjab University will be given to the sportspersons which even if no inter-university competitions is held.

If a sportsperson attends the Department, he/she should also report to the ground. In such cases, his/her medical certificate will not be accepted and his/her admission to the Department shall be liable to be cancelled.

Dean of University Instruction

ANNEXURE-I

Games/Discipline on the basis of achievement in which claims to admission in the category of Reserved Seats for Sports can be considered. The new games can be added if the Panjab University sends its teams for Inter-University Competitions.

Sr. No.	Game	Section
1.	Archery	(Men & Women)
2.	Athletics	(Men & Women)
3.	Badminton	(Men & Women)
4.	Ball Badminton	(Men & Women)
5.	Baseball	(Men & Women)
6.	Basketball	(Men & Women)
7.	Best Physique	(Men)
8.	Boxing	(Men & Women)
9.	Canoeing & Kayaking	(Men & Women)
10.	Chess	(Men & Women)
11.	Cricket	(Men & Women)
12.	Cross-country	(Men & Women)
13.	Cycling (Road & Track)	(Men & Women)
14.	Fencing	(Men & Women)
15.	Football	(Men & Women)
16.	Gymnastics	(Men & Women)
17.	Handball	(Men & Women)
18.	Hockey	(Men & Women)
19.	Judo	(Men & Women)
20.	Kabaddi (NS)	(Men & Women)
21.	Kabaddi (PS)*	(Men)
22.	Kho-Kho	(Men & Women)
23.	Korfball	(Men & Women)
24.	Netball	(Men & Women)
25.	Power Lifting	(Men & Women)
26.	Rhythmic Gymnastic	(Women)
27.	Rowing	(Men & Women)
28.	Shooting (Air Pistol & .177 Air Rifle Peep Sight as per ISSF Rules)	(Men & Women)
29.	Softball	(Men & Women)
30.	Squash	(Men & Women)
31.	Swimming	(Men & Women)
32.	Table-Tennis	(Men & Women)
33.	Tennis	(Men & Women)
34.	Volleyball	(Men & Women)
35.	Water polo	(Men & Women)
36.	Weight Lifting	(Men & Women)
37.	Wrestling	(Men & Women)
38.	Yachting/Sailing	(Men & Women)
39.	Yoga*	(Men & Women)
40.	Taekwondo	(Men & Women)

*Achievements under these games i.e. at Sr. No. 21 and 39 will be considered only for the tournaments conducted by the Panjab University.

ELIGIBILITY RULES FOR THE INTER COLLEGE AND INTER UNIVERSITY TOURNAMENTS

A. Eligibility Rules :-

1. Only a bonafide student, who is currently officially enrolled/registered for a degree or diploma of the University/College whose status, is recognized by the appropriate authority of the country, which is of a minimum duration of one academic year and whose examination is conducted by the University shall be eligible to participate in National University Games.
 - 1.1 Students of Open Universities and Institute of Open Learning shall be considered to be bonafide and eligible to participate in National University Games. However, students enrolled/registered in Correspondence Course Institutes of Universities shall not be eligible to participate.
 - 1.2 Ph.D. and M.Phil. Students will be eligible to participate only if in terms of the concerned University's rules they are regarded to be bonafide students and fulfill other conditions laid down in this behalf.
 2. All eligible students while participating in National University Games shall fulfill the following conditions :
 - (a) Not more than 9 years have elapsed since a student passed the examination qualifying him/her for first admission to a degree or diploma course of university or college affiliated to a university.
 - (b) The nine year eligibility period mentioned above shall be distributed as under :-
 - (i) not more than 5 years after passing qualifying examination/10+2 examination or equivalent examination, the period of 3 years shall be extended by two years more than the actual length/duration of the course.
 - (ii) not more than 4 years after passing Graduate Course/Degree in Post Graduate Courses. However, the period of two years shall be extended by two years more than the actual length/duration of the course. This period includes M.Phil. and Ph.D. courses too irrespective of any other condition like change of class/course/faculty, joining lower class from higher, changing academic to professional courses or vice versa provided that :-

Students admitted immediately after passing 10+2 examination, to graduate courses of more than 3 years duration like Medical, Engineering, Agriculture, Pharmacy and Physical Education etc. shall be eligible to participate in National University Games for one year more than the actual length/duration of such graduate courses.
- For the purpose of determine the number of years under the revised FISU eligibility rules for participation :-**
- (a) graduate courses shall be treated to be those where the admission is sought after passing 10+2 or equivalent examination, as the case may be.
 - (b) all other professional courses where admission is obtained after passing graduate degree examination(s), e.g. LL.B., M.B.B.S., B.C.A., B.B.A., B.Ed., B.P. Ed., & B.Lib. etc. will be clubbed with other postgraduate courses like M.A., M.B.A., M.Sc., M.Com., M.Lib., M.Ed. & M.P.Ed. etc. as the case may be.
3. Only the competitors who satisfy the following conditions are considered to be eligible to participate in National and International University Games :
 - (a) Be a national of the country they represent;
 - (b) Only student who are less than 28 years of age as on first july of the academic year in which the tournament is held can participate.

4. A student who is employed on full time basis shall not be considered eligible to participate in National/ International University Games/Championships. However, the student(s) who receives salary of stipends as the case may be from Public and Private Sectors can also participate in National University Games provided he/she submits “No Objection Certificate” (NOC) from the respective Deptt./ Organization categorically stating that he/she is permitted to participate in National/International University Games while pursuing his/her studies before his/her admission in a college/university is regularized.
5. A student shall not be allowed to represent more than one university in National University Games during a single/same academic year.
6. Provisional admission to a course of university or college shall not make the student(s) eligible to represent the university in National University Games.
7. In case of a student migrating from one University to another, his/her migration case will be considered eligible only after his/her admission in the new university is regularized and he/she is admitted as a bonafide and eligible student by the new University.

B. Explanation

- i. In case of students changing from one course to another the period spend in the previous course before joining the new course shall be counted towards total period of eligibility while participating in National University Games.
- ii. One year means the academic year in which the tournament is held irrespective of whether the student’s result is declared or not. It will normally extend from 1st July of one year for 12 calendar months to the next year.
- iii. A bonafide student may not be considered to be eligible to participate in National University Games if he/she does not pass/qualify a particular class within the period of two years both at Graduate and Post Graduate courses. However, duration/length of the courses will remain unchanged. For example, not more than *five years* while students are pursuing Graduate Course/ Degree and not more than *four years* while they are pursuing Post Graduate Course/Degree including M.Phil. or Ph.D. as the case may be.
- iv. Interchange of faculty may be allowed to participate provided the student passes his/her first year of the class/course. If the candidate participate for two years in one particular class and if he/she changes course for the identical year, he/she may not be eligible to participate in National University Games for the remaining period of his/her eligibility unless he/she passes first year of course.
- v. Student(s) joining lower class/course from higher professional course/degree, merely for the sake of participation or winning sporting competitions will not be encouraged at the cost of academic qualifications essentially required for better career prospects of elite athletes.

C. Disqualifications for Violation of FISU Eligibility Rules

1. Any disqualification of a sportsperson on the grounds of ineligibility will result in automatic scratching of his/her team, for that academic year. The team may be debarred from participating in the National University Games (in that game/event) to be held in the following year, if necessary.
2. A sportsperson disqualified on the basis of ineligibility shall not be permitted to participate in National University Games in the next year, if necessary.

3. It shall be obligatory for the sportsperson who are selected to represent Indian Universities Team(s) to participate in National/International University Games, if they represent some other organizations/ state without the permission of AIU, and their respective university/college, they shall be debarred from participation in the National University Games and disciplinary proceeding shall be initiated according to the existing rules.

4. It shall be mandatory for those students who joined Private and Public Sector(s) on stipend while pursuing their study in universities/colleges to participate Inter College and Inter University Sporting Competitions, in case their admission is based on the sports quota earmarked for promotion of sports by the appropriate authorities should seek no objection certificate from the concerned sector.

5. Further, in case of incidents of violence during the sporting competitions, the College/ University authorities shall have the power to cancel the admission of the defaulting sportsperson(s). If found guilty after due process of enquiry.

6. The defaulters of Drug abuse (doping) in University Sports shall be debarred from participation in the National and International University Games for minimum of period of three years based on the gravity/intensity of offence established by the National Anti Doping Agency (NADA) with a view to make sports drug free in India.

ANNEXURE-III

PROFORMA OF AFFIDAVIT FOR SPORTSPERSONS CATEGORY
(On Non-Judicial paper for Rs. 3 duly attested by Notary/Ist/Ind Class Magistrate)

AFFIDAVIT

I, _____ (name), son/daughter of
Shri _____
_____ (father's name), born on _____
of _____
_____ (address) hereby solemnly declare and affirm as under :-

1. That as Sportsman/Sportswoman in _____ (name of discipline), I have represented the team(s) in the competition(s) on date(s) and also of named position(s) as indicated in the table below :-

Sr. No.	Sports Disciplines	Team represented	Name of the competition & year	Venue/Date	Position secured
1.					
2.					
3.					
4.					
5.					

2. That the certificate(s) mentioned below are produced by me in support of the above are authentic :

(i)

(ii)

(iii)

3. I understand that in case the information/documents supplied by me are found to be false, incorrect or forged, I shall be liable for criminal action in terms of the provisions contained in the Indian Penal Code.

DEPONENT

VERIFICATION

I, the above mentioned deponent do hereby solemnly declare and affirm that the above content are true to the best of my knowledge and belief and nothing has been concealed therein.

DEPONENT

NOTE : IN CASE OF MINOR, THE AFFIDAVIT SHALL BE FILLED IN BY HIS/HER PARENTS/ GUARDIANS WITH SUITABLE AMENDMENTS.

AFFIDAVIT

I _____ son/daughter of _____

Resident of _____

do hereby declare as under :-

- (i) That I am seeking admission to the Department of _____ under the Sports Category.
- (ii) That in case I am admitted to the above said department I shall regularly attend the grounds for practice and I shall also participate in P.U. Campus Sports Activities including P.U. Campus Annual Athletic Meet/Inter-College/Inter-University/National/International Sports Tournament on behalf of the P.U. Campus and the Panjab University if selected.
- (iii) That in case I fail to regularly attend the Grounds for practice or fail to participate in the Tournaments as and when required, my admission to the Department of _____ shall be liable to be cancelled.
- (iv) That in case my admission to the Deptt. of _____ is cancelled due to my failure to regularly attend the grounds for practice or to participate in the P.U. Campus Sports Activities (including Annual Athletic Meet)/Inter-College/ Inter-Univ./National/International Sports Tournaments as may be required by the Deputy Director, Phy. Edu. Or the Director Sports, Panjab University, I shall have no claim on any account whatsoever against the Department or against the University.

Deponent

VERIFICATION

I solemnly declare that the above statement is correct to the best of my knowledge and belief and that nothing has been concealed therein.

Deponent

GRADING FOR SPORTS PERSONS

Note :- Tournaments/Championships other than Inter-University/Inter-College/Inter-School will be considered for Gradation provided they are recognized and organised by the International Olympic Committee, Indian Olympic Association/International Federations and Respective National Federations.

CATEGORY 'A'

1. A person getting any of the first three positions in the Olympic Games/World Cup Tournaments/Commonwealth Games/Afro-Asian Games/Asian Games/Asian Championships/World Universities Games (FISU)/Davis Cup/Grand slam in Tennis.
2. A person getting any of the first three positions in the S.A.F. Games.
3. A person representing India in the Olympic Games/World Cup Tournaments/Commonwealth Games/Afro-Asian Games/Asian Games/Asian Championships/World Universities Games (FISU)/Davis Cup/Grand Slam/SAF Games.
4. A person getting any first three positions while representing National team of Juniors in the International Tournaments abroad and within the country.

CATEGORY 'B'

1. A person representing India in International Tournament or official test for seniors abroad and within the country.
2. A person included in All India Combined Universities teams for seniors abroad and within the country.
3. A person getting any of the first three positions in the Senior National Championships/ Inter-State Tournament for seniors.
4. A person getting any of the first three positions in the National Games.
5. A person getting any of the first three positions in the All India Inter-University Tournaments.
6. A person representing India in International Tournament or Official Test for Junior abroad and within the country.
7. A person included in the All India Combined University teams for Juniors* abroad and within the country.
8. A person representing National teams for Schools in the International Tournaments or Official Test within the country and abroad.
9. A person getting any of the first three positions in the National Zonal/Zonal Inter-University meet or Championship/Vizy Trophy for Seniors.
10. A person getting any of the first three positions in the National Championships for Juniors*.
11. A person getting any of the first three positions in the National Championships for Youth**.
12. A person getting any of the first three positions in the National Championships for Schools conducted by SGFI (School Games Federation of India).
13. A person getting any of the first three positions in the Federation Cup for Seniors.
14. A person getting any of the first three positions in the National Women Sports festival.
15. A person getting any of the first three positions in the Nehru Cup (For Hockey only).

*Junior level means 16 and up to 22 years of age

**Youth level means 14 and up to 16 years of age

CATEGORY 'C'

1. A person included in the Panjab University team in the Inter-University Tournaments.
2. A person included in the State/Union Territory teams in the Senior National Championships/Inter-State for Seniors.
3. A person included in the State/Union Territory teams in the National Games for Seniors.
4. A person included in the University team other than the Panjab University, in the Inter-University Tournaments.
5. A person included in the State/Union Territory Junior teams in the National Championships.
6. A person included in the State/Union Territory Youth teams in the National Championships.
7. A person included in the State School/Union Territory Schools/CBSE/Kendriya Vidyalaya Sangathan teams in the National School Games conducted by SGFI (School Games Federation of India).
8. A person included in the State/Union Territory teams in the Federation Cup for Seniors.
9. A person included in the State/Union Territory teams in the National Women Sports festival.
10. A person getting any of the first three positions in All India Inter Professional University Sports Meet of Agricultur, Law, Medicine, Technical and Management Universities.
11. A person included in the professional University team in Inter-Professional University tournaments.
12. A person getting any of the first three positions in the Inter-college tournaments other than Professional Universities.
13. A person getting any of the first three positions in Inter-college tournaments of professional Universities.
14. A person getting any of the first three positions in the Inter-Distt./Union Territory Championships for seniors.
15. A Person getting any of the first three positions in the State Junior/Union Territory Championships for the Juniors.
16. A person getting any of the first three positions in the State School/Union Territory School Games.
17. A person getting any of the first three positions in the State Youth/Union Territory Youth Championships/tournaments.

CATEGORY 'D'

1. A person getting any of the first three positions in the University 'B' Division & 'C' Division Inter College Tournaments.
2. A person getting any of the first three positions in the Residential University/P.U. Campus Championships or Tournaments.

ANNEXURE-VI

Games/Discipline on the basis of achievement in which claims to admission in the category of Reserved Seats for Sports can be considered. The new games can be added if the Panjab University sends its teams for Inter-University Competitions.

Sr. No.	Game	Section	Date	Time/Venue
1.	Archery	(Men & Women)	8.7.2011	9.00 a.m. to 12.00 Noon
2.	Athletics	(Men & Women)	-do-	-do-
3.	Badminton	(Men & Women)	-do-	-do-
4.	Ball Badminton	(Men & Women)	-do-	-do-
5.	Baseball	(Men & Women)	-do-	-do-
6.	Basketball	(Men & Women)	-do-	-do-
7.	Best Physique	(Men)	-do-	-do-
8.	Boxing	(Men & Women)	-do-	-do-
9.	Canoeing & Kayaking	(Men & Women)	-do-	-do-
10.	Chess	(Men & Women)	-do-	-do-
11.	Cricket	(Men & Women)	-do-	-do-
12.	Cross-country	(Men & Women)	-do-	-do-
13.	Cycling (Road & Track)	(Men & Women)	-do-	-do-
14.	Fencing	(Men & Women)	-do-	-do-
15.	Football	(Men & Women)	-do-	-do-
16.	Gymnastics	(Men & Women)	-do-	-do-
17.	Handball	(Men & Women)	-do-	-do-
18.	Hockey	(Men & Women)	9.7.2011	9.00 a.m. to 12.00 Noon
19.	Judo	(Men & Women)	-do-	-do-
20.	Kabaddi (NS)	(Men & Women)	-do-	-do-
21.	Kabaddi (PS)*	(Men)	-do-	-do-
22.	Kho-Kho	(Men & Women)	-do-	-do-
23.	Korfball	(Men & Women)	-do-	-do-
24.	Netball	(Men & Women)	-do-	-do-
25.	Power Lifting	(Men & Women)	-do-	-do-
26.	Rhythmic Gymnastic	(Women)	-do-	-do-
27.	Rowing	(Men & Women)	-do-	-do-
28.	Shooting (Air Pistol & .177 Air Rifle Peep Sight as per ISSF Rules)	(Men & Women)	-do-	-do-
29.	Softball	(Men & Women)	-do-	-do-
30.	Squash	(Men)	-do-	-do-
31.	Swimming	(Men & Women)	-do-	-do-
32.	Table-Tennis	(Men & Women)	-do-	-do-
33.	Tennis	(Men & Women)	-do-	-do-
34.	Volleyball	(Men & Women)	-do-	-do-
35.	Water polo	(Men)	-do-	-do-
36.	Weight Lifting	(Men & Women)	-do-	-do-
37.	Wrestling	(Men & Women)	-do-	-do-
38.	Yachting/Sailing	(Men & Women)	-do-	-do-
39.	Yoga*	(Men & Women)	-do-	-do-
40.	Taekwondo	(Men & Women)	-do-	-do-

Note : *Achievements under these games i.e. at Sr. No. 21 and 39 will be considered only for the tournaments conducted by the Panjab University.

IMPORTANT NOTE

‘The rules incorporated in this Handbook are subject to the over-riding effect of the relevant Regulations and Rules contained in the P.U. Calendars as also the resolutions adopted by the Syndicate. In case of any inconsistency between what is said in Handbook of Information and that in the Regulations & Rules etc., the latter shall prevail.’