

PANJAB UNIVERSITY CHANDIGARH



(Established under the Panjab University Act VII of 1947
Enacted by the Government of India)

PROSPECTUS
ENTRANCE TEST FOR
M.Phil. & Ph.D.-2015

Date of Test: 18th July 2015

Entrance Test
M.Phil. & Ph.D. FEE:
General Category Rs. 1980/-
SC/ST/Blind Category Rs. 990/-

PANJAB UNIVERSITY ANTHEM

तमसो मा ज्योतिर्गमयः
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तमसो मा ज्योतिर्गमयः
पंजाब विश्वविद्यालय
तेरी शान-ओ-शौकत सदा रहे
मन में तेरा आदर मान
और मोहब्बत सदा रहे
पंजाब विश्वविद्यालय
तेरी शान-ओ-शौकत सदा रहे
तू है अपना भविष्य विधाता
पंख बिना परवाज़ सिखाता
जीवन पुस्तक रोज पढ़ा कर
सही गलत की समझ बढ़ाता
जीवन पुस्तक रोज पढ़ा कर
सही गलत की समझ बढ़ाता
तेरी जय का शंख बजायें
रौशन तारे बन जायें
वखरी तेरी शोहरत
तेरी शोहरत सदा सदा रहे
पंजाब विश्वविद्यालय
तेरी शान-ओ-शौकत सदा रहे
पंजाब विश्वविद्यालय
तेरी शान-ओ-शौकत सदा रहे
तमसो मा ज्योतिर्गमयः
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Tamso ma jyotirgamaya:
Tamso ma jyotirgamaya:
Tamso ma jyotirgamaya:
Tamso ma jyotirgamaya:
Panjab vishaw vidyalaya
Teri shaan-o-shauqat sada rahe
Mann mein tera aadar maan
Aur mohabbat sada rahe
Panjab vishaw vidyalaya
Teri shaan-o-shauqat sada rahe
Tu hai apna bhavishya vidhata
Pankh bina parwaaz sikhata
Jeevan pustak roz padha kar
Sahi galat ki samajh badhata
Jeevan pustak roz padha kar
Sahi galat ki samajh badhata
Teri jai ka shankh bajayein
Roshan tare ban jaayein
Vakhari teri shohrat
Teri shohrat sada sada rahe
Panjab vishaw vidyalaya
Teri shaan-o-shauqat sada rahe
Panjab vishaw vidyalaya
Teri shaan-o-shauqat sada rahe
Tamso ma jyotirgamaya:
Tamso ma jyotirgamaya:

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Price (Including Entrance Test Fee)

General Category	Rs. 1980/-
SC/ST/Blind Category	Rs. 990/-

The Syllabus for M.Phil. & Ph.D. Entrance Examination will be as prescribed for Masters Degree or equivalent classes of Panjab University in the relevant subject. Details of syllabi for 2014-15 available on www.puchd.ac.in

Date of Test: 18-07-2015 (Saturday)

IMPORTANT DATES / INFORMATION FOR ENTRANCE TEST-2015

Date of availability of M.Phil. & Ph.D. Prospectus and Application Form on the website of Panjab University, Chandigarh	27-05-2015 (Wednesday)
Last date for submission of information on the website to generate the Bank Challan	29-06-2015 (Monday)
Last date for deposit of fee in any branch of State Bank of India using website generated challan	01-07-2015 (Wednesday) upto 4:00 p.m.
Last date for uploading of photograph, signature with rest of the information on the website	03-07-2015 (Friday)
No correction will be entertained / made regarding photograph, signature and any other information after 06-07-2015, 5:00 p.m.	06-07-2015 (Monday)
Final date by which Roll No. will be available online E-Admit Card required to be downloaded from the website by the candidate using their own Login and Password (provided while generating Bank Challan). There will be no physical communication for this purpose.	11-07-2015 (Saturday)
Date of Entrance Test	18-07-2015 (Saturday)
Tentative date of declaration of result	18-08-2015 (Tuesday)
Result Cards	Result cards can be downloaded from the website. No separate result cards will be issued to the candidates by the office.

<u>DATE SHEET</u>		
Date & Day	Paper	Time
18-07-2015 (SATURDAY)	Paper-I (Objective type)	10.00 a.m. – 11.00 a.m.
	Paper-II (Subjective type)	11.30 a.m. – 1.30 p.m.

PANJAB UNIVERSITY, CHANDIGARH

GENERAL INFORMATION

The Panjab University, Chandigarh will hold an Entrance Test for enrolment to M.Phil. & Ph.D. in the Faculties of Arts, Business Management & Commerce, Design & Fine Arts, Education, Engineering, Languages, Law, Science, on **SATURDAY, July 18, 2015**, at **CHANDIGARH**.

Faculty of Arts

i. Ancient Indian History, Culture & Archeology (Ph.D. & M.Phil.)	vii. Philosophy (Ph.D. & M.Phil.)
ii. Economics (Ph.D. & M.Phil.)	viii. Public Administration (Ph.D. & M.Phil.)
iii. Gandhian and Peace Studies (Only for M.Phil.)	ix. Centre for Defence & National Security Studies (Ph.D. & M.Phil.)
iv. History (Ph.D. & M.Phil.)	x. Police Administration (M.Phil. & Ph.D.)
v. Political Science (M.Phil. & Ph.D.)	xi. Centre for Women's Studies & Development (Only for Ph.D.)
vi. Psychology (Only for Ph.D.)	xii. Sociology (Ph.D. & M.Phil.)

Faculty of Languages

i. English (M.Phil. & Ph.D.)	v. Chinese (only for Ph.D.)
ii. Punjabi (Ph.D. & M.Phil.)	vi. French (Only for Ph.D.)
iii. Sanskrit (M.Phil.& Ph.D.)	vii. Russian (Only for Ph.D.)
iv. Hindi (Only for Ph.D.)	

Faculty of Science

i. Anthropology (only for Ph.D.)	ix. Medical Physics (Only for Ph.D.)
ii. Botany (Ph.D. & M.Phil.)	x. Statistics (Ph.D. & M.Phil.)
iii. Bio-Chemistry (only for Ph.D.)	xi. Zoology (M.Phil. & Ph.D.)
iv. Bio-Physics (only for Ph.D.)	xii. Microbiology (only for Ph.D.)
v. Chemistry (only for Ph.D.)	xiii. Nanoscience & Nanotechnology (Only for Ph.D.)
vi. Forensic Science & Criminology (Only for Ph.D.)	xiv. System Biology & Bioinformatics (Only for Ph.D.)
vii. Environment Science (only for Ph.D.)	xv. Physics (Only for Ph.D.)
viii. Geology (Only for Ph.D.)	xiv. Microbial Biotechnology (Only for Ph.D.)

Faculty of Education

i. Physical Education (Only for M.Phil.)
ii. Community Education and Disability Studies (Only for Ph.D.)

Faculty of Business Management & Commerce (Only for Ph.D.)

SPECIALIZATIONS
Accounting and Finance
Marketing
Human Resources
Strategic Management

Faculty of Design and Fine Arts

i. Indian Theatre (only for Ph.D.)
ii. Music (M.Phil. & Ph.D.)

Faculty of Engineering

University Institute of Engineering & Technology, P.U., Chandigarh
BRANCHES
Information Technology (Only for Ph.D.)
Computer Science & Engineering (Only for Ph.D.)
Electrical & Electronics Engineering (Only for Ph.D.)
Mechanical Engineering (Only for Ph.D.)
Biotechnology Engineering (Only for Ph.D.)
National Institute of Technical Teachers' Training & Research, Sector 26, Chandigarh
BRANCHES
Mechanical Engineering (Manufacturing Technology) (Only for Ph.D.)
Civil Engineering (Construction Technology & Management) (Only for Ph.D.)
Computer Science & Engineering (Only for Ph.D.)
Electrical Engineering (Instrumentation & Control) (Only for Ph.D.)
Electronics & Communication Engineering (Only for Ph.D.)
Chandigarh College of Engineering and Technology, Sector 26, Chandigarh
Civil Engineering (Only for Ph.D.)
Mechanical Engineering (Only for Ph.D.)
Computer Science & Engineering (Only for Ph.D.)
Electronics and Communication Engineering (Only for Ph.D.)

Faculty of Laws

Department of Laws, P.U., Chandigarh (Only for Ph.D.)

In case of enrolment of M.Phil. & Ph.D. in the following subjects/ Departments / Chairs, Subject (s) of Test will be as indicated:-

- | | |
|-----------------------------------------------------------|-------------------------------------------------------------|
| (i) Interdisciplinary Centre for Swami Vivekanand Studies | } Masters degree in any Faculty with 55% marks in aggregate |
| (ii) Sri Guru Granth Sahib Studies (SGGS) | |
| (iii) Department of Guru Nanak Sikh Studies | |

IMPORTANT NOTES:

- The seats available will be subject to reservation as per Panjab University Rules and Regulations.**
- Seats for M.Phil. in Punjabi are also available in P.U. Regional Centre, Muktsar.**
- Seats for M.Phil. in Sanskrit are also available in Vishveshvaranand Vishwa Bandhu Institute of Sanskrit and Indological Studies, Hoshiarpur.**

PROCEDURE FOR ADMISSION TO M.Phil. & Ph.D. PROGRAMME

The candidates who qualify in the test shall have to directly, and independently, approach the respective department in which they want to pursue research within the period of **two years** from the date of declaration of result. They should submit the Registration Form through the concerned Department by the due date.

For admission to these courses the candidates have to qualify M.Phil. & Ph.D. entrance test conducted by the Panjab University, Chandigarh.

The written test shall be followed by a mandatory interview in the form of interaction to be organized by the concerned school / department/ institute/ Centres, as the case may be. At the time of interview, the candidates are expected to discuss their research area. Interview is essential for enrolment in M.Phil. & Ph.D. programme and selection would be solely based on the performance of the candidates in the Interview.

ELIGIBILITY FOR TEST IN FACULTY OF ARTS, EDUCATION, LANGUAGES, SCIENCE, DESIGN AND FINE ARTS, LAW, AND ENGINEERING

Any candidate who has passed the Master's examination in the concerned subject with a score of not less than 55% (50% for SC/ST/BC Category) marks in aggregate, or have appeared in the final year examination of Master's degree in the subject concerned from Panjab University, Chandigarh or from any other University (approved by the appropriate Academic Bodies of P.U.), shall also be eligible to appear for the M.Phil. & Ph.D. Entrance Test.

The students possessing degree of M.A. in Gandhian and Peace Studies be considered for enrolment for Ph.D. degree in the other subjects of Arts and Social Sciences provided they clear the Entrance Test in the subject in which the enrolment is sought.

Eligibility for Faculty of Education for

(i) M.Phil. in Department of Physical Education:

The qualification for admission to the course shall be M.P.Ed. of Panjab University with at least 55% marks (50% marks for SC/ST Category).

OR

M.P.Ed. (two years) degree with 55% (50% marks for SC/ST Category) marks of any other University recognized by Panjab University.

Minimum aggregate marks to Pass: As per University regulation.

Admission shall be on the basis of Panjab University Entrance Test.

(ii) Ph.D. in Department of Community Education & Disability Studies

Master's degree in Community Education, Education and Social Sciences with 55% (50% marks for SC/ST Category) + Entrance Test conducted by the University.

For M.Phil. in Guru Granth Sahib Studies, the candidate should have obtained a Master's degree in any Faculty with at least 55% marks in the aggregate from the Panjab University, or any other University examination of which has been recognized as equivalent to the corresponding examination of this University.

For M.Phil. in Sociology, a candidate should have obtained Master's degree in the subject of Sociology or Anthropology (Social Anthropology) with 55% marks.

For admission to Defence & Strategic Studies, the candidate should have obtained Master's degree with 55% marks. However, the Defence Personnel i.e. the officers volunteering for the course having the rank of Lt. Colonel & above are exempted from appearing in entrance test. They should have PG degree with minimum marks of 50% of PG level & should carry research related activities and involved in imparting instructions in military related subjects; they should be conversant with formalizing concepts and doctrines.

Any candidate with M.Sc. (any branch of science)/ M.Tech./M.E. (any branch of engineering)/ M.Pharm. relevant to Nanoscience and Nanotechnology would be considered as eligible to pursue Ph.D. in Nanoscience and Nanotechnology. Minimum 55% marks are required in qualifying exam and existing rules of the university will apply. Further, the final decision of enrolment will be subject to the approval by the Joint Academic Administrative Purse (JAAP) committee (subject to the approval of Syndicate/ Senate).

ELIGIBILITY FOR TEST OF FACULTY OF BUSINESS MANAGEMENT & COMMERCE

Any candidate who has obtained Master's degree with not less than 55% (50% for SC/ST Category) marks in the aggregate, from 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 and Laws.
- OR
- (iii) Any subject other than those mentioned in (i) and (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 Department of University Business School, Panjab University with not less than 5 years experience of teaching postgraduate classes.
- OR
- (iv) Master of Finance and Control (MFC)

Provided further that candidates with qualification, mentioned in (ii) & (iii) above shall be eligible for enrolment only if the area of research relates to the Faculty of Business Management and Commerce.

- (v) The following categories of candidates, who are graduates and have either a minimum 5 years standing in the profession (practice or service) or 5 years experience of teaching postgraduate classes, shall also be eligible:
 - (a) A member (Associate or Fellow) of the Institute of Chartered Accountants of India.
 - (b) A member (Associate or Fellow) of the Institute of the Cost & Works Accountants of India.
 - (c) A member (Associate or Fellow) of the Institute of Company Secretaries of India.

University Business School, Panjab University, Chandigarh, will admit students to Ph.D. programme once in a year only, i.e. in the beginning of the session of Ph.D. Programme, as University Business School has two-semester course-work.

EXEMPTION FROM ENTRANCE TEST FOR ENROLMENT TO Ph.D.

- I. Every candidate interested in admission to Ph.D. Programme in any of the school/ department/ institute of Panjab University has to appear in Ph.D. Entrance Test except the following:-
 - (i) The candidates who have qualified UGC - NET/CSIR (JRF) Examination / SLET/ GATE examination.
 - (ii) Candidates who are Teacher Fellowship Holders/ direct awardees of fellowship by DST (INSPIRE), ICMR or any other National Agency.
In case of Science and Engineering Departments / Institutes (because of the cost of the laboratory work) it will be the decision of the Academic Committee of the Department to decide whether the candidates who have cleared SLET/ Ph.D. entrance test without fellowship be admitted to Ph.D. Programme or not.
 - (iii) Sponsored Foreign Students holding valid Research Visa for doing Ph.D. under the ICCR or other Academic Exchange Programme fellowships of Governments. However, each such case shall be decided by the Academic Committee of the concerned Department.
- II. Syndicate dated 31-07-2011 (Para 17), the following categories of candidates shall be eligible for enrolment/ admission for Ph.D., if otherwise eligible:
 - (i) Candidates who have cleared P.U. Entrance Test.
 - (ii) Candidates who have cleared UGC NET/ CSIR (NET)/ ICSSR/ ICHR/ICPR Examination/ SLET/GATE / Teacher Fellowship holders/ direct awardee of Fellowship by any national agency or any other equivalent test.

All candidates, who are eligible as per II (i) and II (ii) above will have to go through an interaction / interview which will be conducted by the respective Academic and Administrative Committee of the Department / Institute (Research Board in case of the Faculty of Business Management & Commerce). The Selection for Registration of Ph.D. would be solely based upon on the performance of the candidate in the interaction / interview.

- III. (i) Senate dated 22.12.2012 Para (L 11) exempted the permanent (regular for Government Colleges) teachers of the Panjab University and Colleges affiliated to the Panjab University with two years experience for admission to enrolment for Ph.D.
- (ii) One seat, over and above the prescribed limit of 8 (eight) Ph.D. student to be supervised by a faculty member, be reserved in each University teaching department / approved Research Centre for regular teachers of Colleges affiliated to Panjab University / UGC Rajiv Gandhi National Fellow for pursuing Ph.D. degree.

VALIDITY

On qualifying the M.Phil. & Ph.D. entrance test the candidate can enroll himself / herself for Ph.D. within a period of **TWO YEARS** from the date of declaration of the result of the said Test.

SCHEME OF TEST

The medium of examination shall be ENGLISH only, except in the test for language other than English, Music and Indian Theatre.

Test for Public Administration, Sociology, Social Work and Police Administration will be conducted in the medium of English, Hindi and Punjabi.

The Test shall consist of 2 papers in each subject as detailed below: -

Paper-I (Objective Type / Multiple Choice Questions)

Duration: One Hour Maximum Marks: 50

Number of questions: 50 Questions to be attempted: 50

Each question will carry one mark. **There will be no negative marking.**

Paper-II (Subjective / Descriptive Type)

Duration: Two Hours Maximum Marks: 50

Number of questions: 10 Questions to be attempted: 05

Each question will carry ten marks.

IMPORTANT NOTE

(i) For Faculty of Business Management & Commerce:

Paper I (Objective type) will be based on Research Methodology. It will be common for all the candidates.

Paper II (Subjective type) will be based on the specialization selected by the candidate in the prescribed Application Form.

Syllabus for Ph.D. Course (ANNEXURE-I)

(ii) For Faculty of Engineering

Paper-I (Objective type) will include MCQs on subject concerned.

Paper II (Subjective type) will be based on subject concerned.

Use of calculator for Paper-II is allowed. However, use of programmable calculator is not allowed.

(iii) For Faculty of Laws

Paper-I (Objective type) will be based upon Research Methodology, Current Legal Affairs and Identified Core Subjects as per the scheme given below:-

Research Methodology	10 Questions
Current Legal Awareness	10 Questions
Identified Core Subjects	30 Questions

Paper-II (Subjective Type) will consist of 10 questions on Identified Core Subjects. It shall be divided into 5 units and the candidate shall be required to attempt atleast one question from each unit.

The term **Identified Core Subjects** means Constitutional Law; Family Law; Commercial Law, Criminal Law and Jurisprudence.

Scheme of the test will be as described above.

RESULT

Initial evaluation will be of Paper-I (Objective Type). Only if a candidate obtains 55% (50% for SC/ST) marks or more only then his/ her paper II will be evaluated.

To qualify for Ph.D. enrolment the candidate must obtain at least 40% (35% for SC/ST) marks in paper II.

Result of Ph.D. entrance test will be available at Panjab University Single Window Enquiry and also on University website results.puchd.ac.in

FELLOWSHIP: A few University fellowships are available for Ph.D. research. If successful candidates wish to be considered for the University fellowship they should report to their respective departments.

ENROLMENT TO Ph.D.

The candidates who qualify the said test shall have to directly, and independently, approach the respective department in which they want to pursue research within the period of two years from the date of declaration of result. They should submit the Enrolment Form to the concerned Department by the due date.

GENERAL RULES

1. QUALIFYING THE ENTRANCE TEST SHALL NOT, IPSO FACTO, ENTITLE A CANDIDATE TO GET ENROLMENT IN THE DEPARTMENT CONCERNED WHERE HE/SHE INTENDS TO SEEK ENROLMENT. THIS WILL BE FOLLOWED BY MANDATORY INTERVIEW. THE SELECTION WOULD BE SOLELY BASED ON THE PERFORMANCE OF THE CANDIDATES IN THE INTERVIEW. IT WILL BE THE RESPONSIBILITY OF THE CANDIDATE TO ENSURE HIS/HER ELIGIBILITY AND FULFILLMENT OF SUCH OTHER CONDITIONS AS MAY BE PRESCRIBED FOR ENROLMENT IN THE RULES AND REGULATIONS OF THE UNIVERSITY. THE ENROLMENT WILL BE SUBJECT TO THE AVAILABILITY OF SEATS AND EXPERTS FOR GUIDANCE/ SUPERVISION IN THE AREA OF RESEARCH TO BE CHOSEN BY THE CANDIDATE AND THE CANDIDATE IS REQUIRED TO VERIFY THESE FACTS FROM THE CONCERNED DEPARTMENT BEFORE APPLYING FOR THE TEST.
2. ONCE PAID, THE COST OF PROSPECTUS FOR THE ENTRANCE TEST SHALL IN NO CASE BE REFUNDED.
3. THE ENTRANCE TEST WILL BE HELD AT **CHANDIGARH, ON SATURDAY, JULY 18, 2015.**
4. Online Application form once submitted by the candidate shall not be allowed to make any change in it by way of any addition/deletion/alteration/amendment/ changes of any other particular etc. Under any circumstances i.e., they shall have no access to the Application at all.
5. No application form will be received under any circumstances after the closing of the last date.
6. **FOR BLIND CANDIDATES: ANY BLIND CANDIDATE CAN AVAIL THE SERVICES OF A WRITER. THE MAXIMUM QUALIFICATION OF A WRITER IS 10+2. HE/ SHE SHOULD NOT HAVE ATTAINED THE ABOVE-MENTIONED QUALIFICATION MORE THAN ONE YEAR PRIOR TO THE ENTRANCE TEST. THE INTERESTED BLIND CANDIDATES SHOULD CONTACT THE ASSISTANT REGISTRAR, CET CELL ONE WEEK BEFORE THE COMMENCEMENT OF THE ENTRANCE TEST TO FULFILL THE FORMALITIES FOR THE ASSIGNMENT OF A WRITER.**
7. Thirty minutes extra would be given to the visually handicapped candidates (as approved by the Vice-Chancellor).
8. E-ADMIT CARDS WILL BE ISSUED TO THE CANDIDATES **PROVISIONALLY**. THE CANDIDATES SHALL BE TAKING TEST AT THEIR OWN RISK AND RESPONSIBILITY SUBJECT TO FINAL CONFIRMATION OF THEIR ELIGIBILITY AT THE TIME OF ENROLMENT. THE UNIVERSITY SHALL, IN NO WAY, BE RESPONSIBLE IF THEY ARE FOUND TO BE INELIGIBLE LATER, LEADING TO CANCELLATION OF THEIR RESULT OR ANY OTHER CONSEQUENCE(S) EMANATING FROM THE SAME.

9. THE CANDIDATES SHALL BE ADMITTED TO THE TEST ONLY ON THE PRODUCTION OF THE E-ADMIT CARD AT THE TEST CENTRE. NO CANDIDATE SHALL BE ALLOWED TO TAKE THE TEST WITHOUT THE E-ADMIT CARD UNDER ANY CIRCUMSTANCES. THE CANDIDATES MUST RETAIN THE E-ADMIT CARDS WITH THEM TILL THE ENROLMENT PROCESS IS OVER AND MUST PRODUCE THE SAME AT THE TIME OF ENROLMENT.
10. The candidates shall be required to answer the questions only on the Answer-Sheets provided for that purpose, as per the rules/ norms stated in the respective Answer Sheets.
11. The use of calculator is not allowed in any subject/paper, except in Paper-II of Faculty of Engineering. But it should not be Programmable Calculator.
12. The University will provide the logarithmic table. Borrowing of log table or other material from any other person/ candidate is not allowed.
13. For rough work, only the sheets marked Rough Work at the end of the question booklet/script should be used. No rough work should be done on the Answer Sheet under any circumstances.
14. THE CANDIDATES ARE NOT PERMITTED TO CARRY ANY TELECOMMUNICATION EQUIPMENT SUCH AS PAGER, CELLULAR PHONE, WIRELESS SET, ETC., INSIDE THE EXAMINATION HALL. ANYBODY IN POSSESSION OF TELECOMMUNICATION EQUIPMENT WILL MAKE HERSELF/HIMSELF LIABLE FOR EXPULSION.
15. Any person who impersonates a candidate shall be disqualified from appearing in any University examination for a period of **five years** including this test. If that person is a student on the rolls of a recognized College or University, he/she shall be declared as a person not fit and proper to be admitted to any examination of this University for a period of **five years**. His/her case, if necessary, shall also be reported to the police for any further action in the matter. The candidate who is being impersonated shall also be disqualified for a period of **Five Years** from appearing in any examination of this University, apart from any other action which the University may take against him, as deemed fit.
16. Any candidate who creates disturbance of any kind during examination or otherwise misbehaves in or around the examination hall or refuses to obey the Superintendent/Deputy Superintendent/Assistant Superintendent/any other official on examination duty or changes his/her seat with any other candidate or occupies any seat, other than the one allotted to him/her shall be expelled from the examination hall.
(Expulsion for this purpose would mean cancellation of candidature)
17. Any candidate having in his possession or accessible to him/her papers/books or notes which may possibly be of any assistance to him /her or is found giving or receiving assistance, or copying from any paper/book or note or from anywhere else or allowing any other candidate to copy from

his/her answer book or found writing on any other paper question set in the question paper during examination, or using or attempting to use any other unfair means, or indulging in any kind of misconduct, shall be expelled from the examination hall.

(Expulsion for this purpose would mean cancellation of candidature)

18. The Centre Superintendent/Observer/any other authorized University Officer/Official shall be competent to expel a candidate from the Examination Centre under instruction Nos.13 & 14.
19. **No candidate be permitted to leave the examination hall/room before the expiry of the time allowed for the examination.**
20. The candidates shall be required to hand over their answer-sheets and the question papers / booklets in full to the Centre Superintendent even if they have not attempted any question. No page/part of the Question Paper/Answer Sheet is to be removed / torn/taken out of the Examination Centre under any circumstances, failing which the candidates shall be disqualified from the entire test.
21. **There will be no negative marking.**
22. **There shall be no re-evaluation/re-checking/re-assessment of answer-sheets.** Request for seeing the Question Booklet/Evaluated Answer Sheets/Answer-Books by the candidates shall not be entertained. The evaluation once done by the University shall be taken as absolutely final.
22. If any answer sheet of a candidate shows or if it is otherwise established that he/she has received or attempted to receive help from any source in any manner or has given help or attempted to give help to any other candidate in any manner, the relevant answer-sheets shall be cancelled. The decision of the Controller of Examinations, Panjab University, Chandigarh, in this regard shall be final.
23. If a candidate writes his/her name or puts any kind of identification mark or discloses his/her identity by any method whatsoever on the cover or anywhere else in the Question Booklet/Answer Sheets, the same shall be treated as cancelled. The decision of the Controller of Examinations, Panjab University, Chandigarh, in this regard shall be final.
24. If it is found that a candidate has knowingly or willfully concealed or suppressed any information/fact which renders him/her ineligible to take the Entrance Test, his/her result of the Test and as also enrolment to M.Phil. & Ph.D., if granted, shall stand cancelled. He/ She shall have no claim, whatsoever, against the University. The case, if necessary, shall be reported to the police for any further necessary action in the matter.
25. If a dispute or controversy of any kind arises before, during, or after conduct of the Entrance Test, the decision of the Controller of Examinations, Panjab University, in all such cases, shall be final.

26. Notwithstanding anything contained in this prospectus, the eligibility conditions for enrolment to M.Phil. & Ph.D. shall be governed by the respective rules/regulations as enshrined in the P.U. Calendar, Volumes I, II and III (latest editions) and decisions of the University Senate /Syndicate. In case of any conflict or inconsistency between the prospectus on the one hand and the aforesaid Panjab University Rules and Regulations /Guidelines/ Hand-Book of Information / Decisions of Senate/Syndicate, on the other, the latter shall prevail.
27. **4-5 days after the test, the question paper and its key will be put on the University website. The candidates can file their objections regarding discrepancies and accuracy of the key, in writing, within 48 hours of this announcement. The valid concerns thus expressed will be given due consideration while evaluation. If a candidate wishes to verify his/her result, he/she will be provided a photocopy of his/her answer sheet on payment of Rs.10,000/- within 10 days after the declaration of the entrance test result and the office should process the whole procedure within three working days. In case, a discrepancy is found in the result of the candidate, the result would accordingly be revised and the fee deposited will be refunded.**
28. For urgent enquiries, Assistant Registrar (CET) may be contacted at 0172-2534829 only during the working hours.

ANNEXURE I

FACULTY OF BUSINESS MANAGEMENT & COMMERCE

SYLLABUS FOR PH.D. EXAMINATION (2015)

Paper I: Research Methodology Compulsory 50 marks

Basic Concepts of Research Methodology, Research Process, Review of Literature, Theory Building, Hypothesis Formulation, Research Design, Sampling, Data Collection Methods, Data Collection Instruments, Hypothesis Testing . Univariate, Bivariate & Multivariate Techniques, Data Processing, Report Writing.

Paper II: Students shall select one of the following groups 50 marks

GROUP – I

ACCOUNTING AND FINANCE

Management, Accounting, Financial Management, Financial Statement Analysis, Financial Engineering, Management of Financial Services, Investment Management, Management Control Systems, Project Planning, Analysis and Management, Strategic Cost Management, International Financial Management, Behavioural Finance, Corporate Governance, Business Finance, International Accounting.

GROUP – II

HUMAN RESOURCES

Human Resource Management, Economics for Human Resources, Organisational Behavior, Labor Legislation, Industrial Relations, Management of Change, Human Resource Planning, Strategic Human Resource Management, Performance and Compensation Management, Organisational Development, Training and Development, Negotiating Skills, Participative Decision Making, Social Security, Labour Welfare, Human Resource Information Systems, Personal Effectiveness and Leadership, Management of Discipline and Disciplinary Proceedings, Ethics and Conduct of Business, Interpersonal Skills and Transactional Analysis, Human Resource Valuation, Total Quality Management, Stress Management, Designing Organisations for Uncertain Environments, Dynamics of Trade Unions, Emotional Intelligence and Managerial Effectiveness, Comparative Industrial Relations, Managerial Competencies and Career Development, Building Learning Organisations, Industrial Engineering, Secretarial practice.

GROUP – III

MARKETING

Fundamentals of Marketing Management, Advertising, Brand Management, Consumer Behaviour, Customer Relationship Mangement, Global Marketing, Industrial Marketing, Internet Marketing, Marketing Research, Marketing Strategy, Product Management, Retail Management, Rural Marketing, Sales Management, Supply Chain Management and Services Marketing, Foreign Trade Documentation and Trade Finance, Application of Accounting and Finance in Marketing.

GROUP – IV

STRATEGIC MANAGEMENT

Fundamentals of Micro Economic and Macro Economics; Forces in the External Environment economic and non-economic; Forces in the Internal Environment; Formulation and Implementation of Corporate Level Strategy, Global Strategy, Business Level Strategy, and various Functional Level Strategies- including Marketing Strategy, Human Resources Strategy, Operation Strategy and Financial Strategy; Entrepreneurship and Strategies for Entrepreneurial Ventures.

The Syllabi of above mentioned subjects are available on the website of Panjab University for the MBA, MBA (HR), MBA (IB) and M.Com. (Hons.) classes taught at University Business School.

Registration Form

THE PROCEDURE AND STEPS FOR FILLING ONLINE APPLICATION-CUM-ADMISSION FORM

STEPS TO FOLLOW:

1. Register Online.
2. Note down your Login Id and Password.
3. Download SBI Slip and pay fee in any SBI branch.
4. Login and upload scanned photograph, signature, fill other important information and Save and Confirm

Read Instructions, Eligibility Criteria and date sheet carefully before registration.

Do not prefix the title such as Shri / Smt. / Mr. / Mrs. / Dr. etc. along with names.

Name#

Father's Name#

Mother's Name#

Date of Birth



[dd/mm/yyyy]

E-mail

Roll No of final year of Post Graduation:

Consent for SMS

Yes

No

By indicating 'Yes', you would like to receive text message notifications from <http://phdadmissions.puchd.ac.in> on your mobile number provided below.

Category

Categories other than General							
<input type="checkbox"/>	Scheduled	<input type="checkbox"/>	Scheduled	<input type="checkbox"/>	Blind	<input type="checkbox"/>	PIO/ FOREIGN /

<input type="checkbox"/>	Caste	<input type="checkbox"/>	Tribe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NRI
<input type="checkbox"/>	Backward Class						
(Only for the purpose of entrance test)							

Courses

Course in which Appearing

Faculty of Art(s)

<input type="checkbox"/>	Ancient Indian History, Culture & Archeology(Ph.D. & M.Phil.)	<input type="checkbox"/>	Economics(Ph.D. & M.Phil.)	<input type="checkbox"/>	Gandhian and Peace Studies(M.Phil.)
<input type="checkbox"/>	History(Ph.D. & M.Phil.)	<input type="checkbox"/>	Political Science(Ph.D. & M.Phil.)	<input type="checkbox"/>	Psychology(Ph.D.)
<input type="checkbox"/>	Philosophy(Ph.D. & M.Phil.)	<input type="checkbox"/>	Public Administration(Ph.D. & M.Phil.)	<input type="checkbox"/>	Sociology(Ph.D. & M.Phil.)
<input type="checkbox"/>	Centre for Defence & National Security Studies(Ph.D. & M.Phil.)	<input type="checkbox"/>	Police Administration(Ph.D. & M.Phil.)	<input type="checkbox"/>	Centre for Women's Studies & Development(Ph.D.)

Faculty of Language(s)

<input type="checkbox"/>	English(Ph.D. & M.Phil.)	<input type="checkbox"/>	Punjabi(Ph.D. & M.Phil.) (including M.Phil. at PURC, Muktsar)	<input type="checkbox"/>	Sanskrit(Ph.D. & M.Phil.) (including M.Phil. at VVBIS&IS, Hoshiarpur)
<input type="checkbox"/>	Hindi(Ph.D.)	<input type="checkbox"/>	Chinese(Ph.D.)	<input type="checkbox"/>	French(Ph.D.)
<input type="checkbox"/>	Russian(Ph.D.)				

Faculty of Science(s)

<input type="checkbox"/>	Anthropology(Ph.D.)	<input type="checkbox"/>	Botany(Ph.D. & M.Phil.)	<input type="checkbox"/>	Bio-Chemistry(Ph.D.)
<input type="checkbox"/>	Bio-Physics(Ph.D.)	<input type="checkbox"/>	Chemistry(Ph.D.)	<input type="checkbox"/>	Forensic Science & Criminology(Ph.D.)
<input type="checkbox"/>	Medical Physics(Ph.D.)	<input type="checkbox"/>	System Biology & Bioinformatics(Ph.D.)	<input type="checkbox"/>	Environment Science(Ph.D.)
<input type="checkbox"/>	Geology(Ph.D.)	<input type="checkbox"/>	Physics(Ph.D.)	<input type="checkbox"/>	Statistics(Ph.D. & M.Phil.)

<input type="checkbox"/>	Zoology(Ph.D. & M.Phil.)	<input type="checkbox"/>	Microbiology(Ph.D.)	<input type="checkbox"/>	Nanoscience & Nanotechnology(Ph.D.)
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Faculty of Education

<input type="checkbox"/>	Physical Education(M.Phil.)	<input type="checkbox"/>	Community Education & Development(Ph.D.)
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Faculty of Business Management & Commerce

<input type="checkbox"/>	Marketing(Ph.D.)	<input type="checkbox"/>	Accounting & Finance(Ph.D.)	<input type="checkbox"/>	Human Resource(Ph.D.)
<input type="checkbox"/>	Strategic Management(Ph.D.)				

Faculty of Design and Fine Art(s)

<input type="checkbox"/>	Indian Theatre(Ph.D.)	<input type="checkbox"/>	Music(Ph.D. & M.Phil.)
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Faculty of Engineering(s)

<input type="checkbox"/>	Information Technology(Ph.D.)	<input type="checkbox"/>	Electronics & Communication Engineering(Ph.D.)	<input type="checkbox"/>	Computer Science & Engineering(Ph.D.)
<input type="checkbox"/>	Electrical Engineering(Instrumentation & Control)(Ph.D.)	<input type="checkbox"/>	Mechanical Engineering(Ph.D.)	<input type="checkbox"/>	Biotechnology Engineering(Ph.D.)
<input type="checkbox"/>	Civil Engineering(Construction Technology & Management)	<input type="checkbox"/>	Electrical & Electronics Engineering(Ph.d.)		

Faculty of Law(s)

<input type="checkbox"/>	Department of Laws,P.U.,chandigarh(Ph.D.)
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Are you or either of your Parents Class B or C Regular Employee of P.U.?

Yes No

Candidate Information

Application No.

Category(s)

Courses in which Appearing*

Medium of test
(Only for Music & Indian Theatre candidates)

Basic Information

Candidate Name*

Father's Name*

Mother's Name*

Gender* Male Female Transgender

Date of Birth* [dd/mm/yyyy]

Nationality*

Correspondence Address*

Your permanent Address same as Correspondence

Permanent Address*

Address? Yes

Phone No./Mobile No.*

E-mail ID*

Photograph*

Signature*