



PROSPECTUS

(For M.Tech, M.Phil and Ph.D Programmes)

2010-2011

Sharda University, Greater Noida

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Introduction

Sharda University

Sharda University is a new venture of the Sharda Group of Institutions at Greater Noida in the National Capital Region. The University is a privately managed organization approved by the state Legislative Assembly through Act 14 of 2009. The Act has already been assented to by his Excellency the Governor of Uttar Pradesh and is operative since March 2009.

Sharda Education Trust was among the first few Trusts that took up the challenge of providing value based professional education in North India in the year 1996. In pursuance of this goal, the first college was started in 1996 at Farah, Mathura. The Group started various institutions over the next three years and in the year 2005 moved towards the National Capital Region. The Campus at Greater Noida was thus established in the year 2005 with Engineering, Medical, Dental and Management courses. The Engineering and Managements Schools were affiliated to the U.P. Technical University, Lucknow, whereas various other courses at the bachelors' level and Dental and Nursing courses were affiliated to the Chaudhary Charan Singh University Meerut.

Over the years, the group has endeavoured to provide world class education at an affordable price. Although the physical and human resources were available in plenty and location of the group at Greater Noida was found to be ideal, so far as innovative teaching pedagogy is concerned..

With this objective in mind, the group initiated the proposal of upgrading the campus at Greater Noida into a full fledged University so as to inculcate academic freedom and innovative thinking amongst the students. The group staunchly believes that if the Indian technical manpower has to provide leadership to the world, the basic learning methodology must be radically changed. to meet the global requirements,

The University is spread over a sprawling campus of 65 acres with more than 10,00,000 square feet $92,903\text{m}^3$ of academic and administrative buildings with seamless wi-fi connection across the campus .The University has five schools and every school is housed in an individual building complex with easy mobility from one building to another . In-campus housing is available for a large number of faculty and students providing a congenial academic environment.

In the prevailing globalized scenario in Technical Education, the University provides a single campus for a variety of quality educational programs, matching international standards, and capable of competing with the best in the world.

Sharda University started Undergraduate Programmes and established following Schools in 2009-10

- (a) School of Engineering and Tech. (SET estd. 2005)
- (b) School of Allied Science and Creative Arts (SASCA- estd. 2006)
- (c) School of Business Studies (SBS- estd. 2007)
- (d) School of Dental Sciences (SDS-estd. 2006)
- (e) School of Medical Science and Research (SMSR-estd. 2008)

In addition to these Schools, the following facilities have also been provided at the campus of the University.

- i) Faculty Development Institute-(FDI-estd. 2006)
- ii) Sharda Hospital (estd. 2006)
- iii) Research and Technology Development Centre (estd-2008)
- iv) Centre for Innovative Learning (estd.2008)

University Recognition

The university has been established vide Act 14 of year 2009, of the Govt.of U.P. and enacted on 20th March'09 and is approved by the UGC(University Grant Commission) under section 2(f) of UGC Act 1956. all the schools are already functional for the last few years, some under AICTE approval/UPTU affiliation, will now function as part of Sharda University.

Research and Technology Development Centre (RTDC)

RTDC was established in Dec-2008 as the Nodal Centre of Excellence. It is ISO 9001-2008 Certified Center for collaborative research in multi-disciplinary areas of innovative research. The faculty at the centre, drawn from different departments is involved in developing state-of-the-art facilities at the institute and is vigorously pursuing interdisciplinary research on various current aspects of Nanoscience and Nanotechnology. A wide range of sophisticated equipment related to nanotechnology have been made operational involving the multidisciplinary faculty at the centre.

Date of Entrance test

Schedule of Admission

PH.D Programmes

| | | |
|---|-------------------------|-------------------|
| Last date for Receipt of Application in the Office of the Director, R& D | Without late fee | 20.02.2010 |
| | With late fee of | 30.02.2010 |
| | Rs 1000/- | |

FEE STRUCTURE

The fee for Ph.D Programme will be charged half yearly as per Institute rules/ norms applicable from time to time. Details can be obtained from Registrar of concerned School

ENTRANCE TEST

There will be an Entrance Test for Admission to Ph.D Programmes as per UGC guidelines.

M.Tech Programmes

| | | |
|---|-------------------------|-------------------|
| Last date for Receipt of Application in the Office of the Director, R& D | Without late fee | 09.08.2010 |
| | With late fee of | 16.08.2010 |
| | Rs 1000/- | |

FEE STRUCTURE:

| | |
|--------------------|---------------------------------|
| Tuition fees : | Rs. 55,000/- per term |
| Registration fees: | Rs. 10,000/- (one time payment) |

DURATION OF THE PROGRAMME: **2 years**

NO. OF SEATS IN EACH PROGRAMME: **10**

Disciplines for Ph.D Programmes and Eligibility Criteria

Disciplines for Ph.D Programmes and eligibility Criteria for admission will be as under:-

- | | | |
|---|---------------------|---|
| 1 | Engineering: | Post graduate Degree with I st class or CGPA of 7.0 or above |
| 2 | Management: | Post graduate Degree with 55% or CGPA of 6.5 or above |
| 3 | Sciences: | Post-graduate Degree with 55% of marks or CGPA of 6.5 or above |
| 4 | Humanities/Commerce | Post graduate Degree with 55% of marks or CGPA of 6.5 or above |

(In exceptional cases B.Tech /BS with Ist class can also be considered. However such candidates will have to take more courses as recommended by DRC). Preference will be given to candidates who have qualified NET/GATE or other equivalent examination.

Note:- CGPA mentioned above is on 10.000 point scale

PART TIME: Candidates who are in service at any recognized organization shall also be allowed to pursue Ph.D. programme provided they bear minimum eligibility criteria for admission. However in service candidates shall have to produce a sponsorship/no objection certificate from the employer.

Eligibility Criteria Discipline Wise

1 Department of Biotechnology

- (i) Master's degree in any disciplines of Science
- (ii) Bachelor's/ Master's degree in medical sciences, engineering, pharmacy, veterinary and related disciplines.

2 Department of Civil Engineering

- (i) B.Tech/M.Tech. or equivalent degree in Civil Engineering. Candidate having an M.Tech. Degree but not having a Bachelor's degree in Engineering must have studied Mathematics at the Bachelors level.
- (ii) B.Tech./M.Tech. Degree in any branch of Engineering may be considered for research areas consistent with the academic background and experience.
- (iii) M.Sc. Degree in any branch of Science or MCA (with mathematics at the Bachelors level for both M.Sc. and MCA) may also be considered for research areas in Geomatics Engineering.

3 Department of Chemistry

- (i) M.Sc. or equivalent degree in Chemistry/Physics.
- (ii) M.Sc. in Bio-technology or M.Sc. in Biochemistry

4 Department of Electronics and Computer Engineering

(i). M.E./M.Tech. in Solid State Electronics/ Microwaves / Communication Systems / Control Systems / Information Technology / Instrumentation/ Computer Science & Engg./ Information Science/ MCA or equivalent.

(ii) B.E./B.Tech. in Electronics & Communication/ Computer Sc. & Engg./ Electrical Engg. / Information Technology or equivalent.

(iii) M.Sc. in Physics/ Maths/ Instrumentation/Electronics.

(iv) Candidates not covered by (i), (ii), (iii) above but having B.E./M.Sc./M.Tech in any other area may also be considered provided they have sufficient background and experience in the areas of interest to the department.

5 Department of Electrical Engineering

(i) B.Tech./M.Tech. or equivalent degree in Electrical Engineering.

(ii) B.Tech./M.Tech. or equivalent degree in a branch of Engineering consistent with the research area.

(iii) M.Sc. in a discipline consistent with the research area.

6 Department of Humanities and Social Sciences

(i) M.A. or equivalent degree.

(ii) Master's degree in Science/Graduate Degree in Engineering/ Technology with 55% marks (or equivalent grade) may be considered for research areas consistent with the academic background and special interests.

7 Department of Management Studies

(i) B.E./B.Tech. or equivalent, M.E./ M.Tech or equivalent qualifications.

(ii) M.Sc./M.A./M.Com.

(iii) Master of Management/M.B.A. or equivalent.

8 Department of Mathematics

(i) M.A./M.Sc. in Applied Mathematics/ Statistics/Computer Science / Mathematics

(ii) M.Stat. (iii) M.C.A.

9 Department of Mechanical Engineering

(i). B.Tech./ M.Tech. degree or equivalent degree in Mechanical/ Industrial/ Production Engg.

(ii) B.Tech./ M.Tech. degree in Aerospace/ Chemical/ Civil/ Electrical/ Metallurgical Engg. may be considered for research areas consistent with the academic background and special interests.

10 Department of Materials Technology

(i) B.Tech./M.Tech. in Ceramic, Chemical, Electrical, Electronics, Electrochemical, Mechanical, Metallurgical, Materials Engineering, Engineering Physics or an M.Sc. degree in Chemistry/ Materials Science, Physics are eligible for admission. In case of those with M.Sc. degree, Mathematics as a subject at B.Sc. degree level is an essential requirement.

ii. The candidates are eligible for research in areas consistent with their academic background and special interests.

11 Department of Physics

- (i) M.Sc. in Physics/ Applied Physics/Materials Science
 - (ii) M.Sc. in Chemistry/ Mathematics/ Biophysics/ Geophysics/ Computer Science, provided Physics was a subject at B.Sc. level.
 - (iii) B.Tech. or equivalent in Electrical/ Electronics/ Chemical/ Metallurgical/ Engineering Physics / Materials Science/Materials Technology
- Candidates at Category (ii) and (iii) may be considered for research area consistent with the academic background and special interests.

12 Energy Sciences

- (i) B.Tech./ M.Tech. Or equivalent in Civil/ Electrical/ Mechanical/ Industrial/ Chemical/Environmental/ Agricultural/ Computer/Electronics Engineering
- (ii) M.Sc. in Physics, Chemistry, Materials Science consistent with research areas of the programme.

13 Nanotechnology

B.Tech/M.Tech in any branch of engineering
MCA
M.Sc in Physics ,Chemistry, Biology, Biotech, Bioinformatics.

14 Environmental Engineering

B.Tech/M.Tech in Civil, Mechanical, Chemical,
M.Sc. in Physics, Geology, Chemistry, Zoology

Other Terms and Conditions

- (i) The registration of the students in the Ph.D program shall be provisional subject to successfully completing the coursework, within the stipulated period and passing the comprehensive examination within the time specified in these regulations.
- (ii) Students not able to complete the requirements of the Ph.D program will have the option to either abort and leave the program or exit after completing the requirements for M.Phil degree.
- (iii) All Candidates enrolled in research are required to complete a minimum 6 credits of two courses. Exceptions, if any, shall be decided by the DRC. The course structure and credit system shall be determined by the Departmental/Central Research Committee (DRC) on the recommendations of the supervisor after taking into consideration the background of the student in relation to the proposed topic of research.
- (iv) The minimum CGPA requirement for completion of the course work is 8.0. If the CGPA at the end of any semester is above 7.5 but less than 8.0 the student shall be asked to take more courses in order to make up the CGPA.
- (v) If a student fails to achieve CGPA of 8.0 in all the courses recommended to undergo or if he/she fails to clear the comprehensive exam twice he/she will exit from the Doctoral Programme. He/She may however be, in such cases allowed to exit with M. Phil after completing the requirements of additional courses and a project report.

Field of Specializations/Major Research Areas

FUEL AND ENERGY TECHNOLOGY

Planning of natural resources, Biomass gasification; Biogas generation from agricultural wastes; Biomass Energy System Development; Environmental Impact Assessment; Environment & Energy Auditing; Power System Planning & Operation; Control System Development; Renewable Energy, Micro-propagation of plants

BIOTECHNOLOGY

Stress signaling, Molecular Microbiology, Environmental microbiology, Medical Microbiology, Protein biology, Metabolic syndromes, Oxidative stress, Molecular plant pathology Pharmacognosy, Micro-propagation of plants, Plant Virology, Diabetics, Enzymology, Environmental Biotechnology, Toxicology, Plant - pathogen interaction, Phyto-chemical analysis, Identification and characterization of crude drugs, Germplasm conservation.

CHEMISTRY

Organo-metallic Materials, Synthetic Organic Chemistry, Asymmetric synthesis, Bio analytical chemistry, Biochemistry, Chemical kinetics, Electrochemical sensors, Kinetics of nano-materials, Nanodrugs, Drug Sensor, Size and shape effects of nano-materials on their physico-chemical properties, Synthetic polymers and membranes, Nano pores

PHYSICS

Equilibrium Properties of Molecular Liquids, Phase Transition Studies in Liquid Crystals, , Application of Wavelet Analysis in Time Series Studies, Polymer Electrolytes, Solar cells, Ion Beam Radiation, Super Conductors, High Tc Superconductors, Semi conductors, Data Storage Techniques, Thin Films, Composites, Sensors, Quantum Dots

CIVIL ENGINEERING

Building Science and Technology, Computer Aided Design; Environmental Engineering; Geotechnical Engineering; Hydraulic Engineering; Structural Engineering; Transportation Engineering; Bridge Engineering, Traffic Engineering, Sediment transportation, and Railway track structure

ENVIRONMENTAL ENGINEERING

Design of air pollution control Equipments; Environmental Impact Assessment; Environmental Management; Hazardous Waste Management, Solid waste management, Natural resource management

ELECTRICAL ENGINEERING

Electric Drive & Power electronics (EDPE), Improved quality multi quadrant solid state converter, Multi level converters & Inverters, Switch mode power supply, High performance computer controlled DC & AC drives, FPGA application to power electronic converters, Active power filters, Unified Power Quality Conditioner, Intelligent condition monitoring of electric drives, Variable speed constant frequency (VSCF) power generation, Automation of power plant, High phase order drives, Machine Design.

ELECTRONICS AND COMPUTER ENGINEERING

Microwave, Mobile Transmission, Satellite System, Digital Communications over MIMO Systems, Signal Processing Techniques, Wireless Communication, Nano memory device, Digital VLSI Systems, Novel Nanoscale MOS based Devices and Circuits, Neural Networks and Fuzzy Control, Digital Image Processing, Robotics, Computer Vision, Real Time Systems, Multimedia Systems, Computer Networks and Security, Parallel and Distributed Processing, Mobile Computing, Soft Computing, Database and Data Mining, Object oriented data base, Digital land mapping, Forest mapping, Bio-informatics, Wireless Applications. Computer controlled system including process control, Modeling, Computer vision.

MATHEMATICS

Distribution Theory, Pseudo Differential Operator, Wavelet Theory, Functional Analysis, Differential and Integral Calculus, Approximation theory, Bio-mathematics, Fracture Mechanics, Mathematical modeling, Non-Newtonian fluids, Operations research; Parallel computing, Digital Image processing; Complex Analysis

MECHANICAL ENGINEERING

Production and Industrial Engineering Systems, Thermal Engineering, Welding and arc stability analysis, Combustion and IC engines, Fracture mechanics, Heat transfer, Metal casting, Life cycle assessment, Product design, Refrigeration and air conditioning, Solar energy, Tribology of material, Wear Welding engineering; Design of Weld Joints, Welding metallurgy, Spraying Techniques

MATERIALS TECHNOLOGY

Composites, Non-metallic materials, Ceramics Manufacturing, Powder metallurgy, Resistant Coatings, High-Tc superconductivity; LED, Semiconductor, Polymer- Ferroelectric composites; Electrical properties of Polymer Devices, Ferro, Piezo and Pyroelectric Materials, Sputtering and Thin films, Semiconductor devices, Functional Materials, Ferroic and Multiferroics, Electro ceramics, Smart materials, Nano electro ceramics

NANO TECHNOLOGY

Nanomaterials, Nanowires, Carbon Nano-Tubes, Nano-manufacturing, Computational simulations in nano-systems, Polymer Blends, Phase Change Technology, Flash and Information storage Materials and techniques, Nano drug delivery

ENERGY SCIENCE

Photo voltaic Solar Cells, Thin film solar cells, Dye Synthesized solar cells, Organic-Inorganic Solar cells

MANAGEMENT

Human Resource, Marketing, Operation and Logistics, Hospital Administration, Tourism and Hospitality, International Business, Strategic Management, Work and Organization, Consumers and Decision Making, Corporate Social Responsibility.

ECONOMICS

International Economics, Agricultural and Rural Economics, Public Policy, Inclusive and Sustainable Development, MSM's* and Entrepreneurship, Financial Economics, Infrastructure Financing.

(* Micro Small and Medium Scale Enterprises)

FINANCE AND ACCOUNTING

Banking and Financial Services, Financial Forecasting and Investment, Financial Risk Management, International Finance, Investment Banking, Stock Markets and Derivatives

MASS COMMUNICATION

Public Advocacy, Sustainable Environment, Electoral Reforms, TRP Issues in Broadcast, Socially Responsible Corporate Environment, Media Laws & Ethical issues

GENERAL CONDITIONS

- 1 Students shall be governed by ordinance/ regulations in vogue.
- 2 The University has the right to cancel, at any stage, the admission of the candidate who is found admitted to a course to which he/she is not entitled, being unqualified or ineligible in accordance with the statutes and regulations in force.
- 3 Disputes if any, arising out of or relating to any matter whatsoever, concerning the aforesaid shall be subject to the exclusive jurisdiction of Gautam Budha Nagar Court.

ASSISTANTSHIP / FELLOWSHIP:-

The candidates provisionally selected for Ph.D. programme may be given Teaching/Research Assistantship, if recommended by DRC, with HRA or Hostel accommodation (as per the rules of the University). The maximum number of fellowships will be decided by the University. A student may also avail of a fellowship out of Research projects funded by Government agencies based on availability/eligibility.

Eligibility for various M.Tech programmes

1. Materials Technology

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. / M.Phil in Physics, Chemistry, Materials Science with 55% marks.
- (c) GATE / NET qualified students shall be preferred.

2. Nanoelectronics and MEMS Technology

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Physics, Chemistry, Mathematics with 55% marks.
- (c) GATE / NET qualified students shall be preferred.

3. Computer Science and Engineering

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Physics, Electronics, Chemistry, Mathematics with 55% marks.
- (c) MCA with 55% marks.
- (d) GATE / NET qualified students shall be preferred

4. Energy and Environmental Engineering

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Physics, Chemistry, Biology, Zoology, Mathematics, Environmental Science, Geology with 55% marks.
- (c) MCA with 55% marks.
- (d) GATE / NET qualified students shall be preferred.

5. Advanced Biotechnology and Bioinformatics

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Chemistry, Biotechnology, Medicinal Chemistry, Biology, Zoology, Microbiology with 55% marks.
- (c) GATE / NET qualified students shall be preferred.

6. Information and Data Storage Technology

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Physics, Chemistry, Mathematics with 55% marks.
- (c) MCA with 55% of marks.
- (c) GATE / NET qualified students shall be preferred.

7. Nanotechnology

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Physics, Chemistry, Materials Science with 55% marks.
- (c) GATE / NET qualified students shall be preferred.

8. Geo-informatics and Imaging

- (a) B. Tech in any branch of Engineering & Technology with 60% marks.
- (b) M. Sc. in Physics, Chemistry, Materials Science with 55% marks.
- (c) GATE / NET qualified students shall be prefer

Assistantship for various M.Tech programmes

Assistantship @ Rs 8000/- p.m. will be available to meritorious and needy student having family income of Rs.2.5 lakhs & less per annum provided they are involved in Teaching/Research programme.

Faculty of Engineering and Technology

| S.No. | Faculty Name | Area of Specialization |
|-------|---|--|
| 01. | Prof. R.C. Singh Ph.D. (Physics) E-mail ID | * Equilibrium Properties of Molecular Liquids * Phase Transition Studies in Liquid Crystals * Application of Wavelet Analysis in Time Series Studies rcsingh@sharda.ac.in |
| 02. | Prof. Bhaskar Bhattacharya Ph.D. (Physics) E-mail | * Solar Cells * Thin Film * Polymer Electrolytes * Ion Beam Radiation * Quantum Dots b.bhattacharya@sharda.ac.in |
| 03. | Dr. P.K. Singh Ph.D. (Physics) E-mail | * Solar Cells * Polymer Electrolytes * Composite Materials * Nanostructure Materials pramodkumar.singh@sharda.ac.in |
| 04. | Dr. A.K. Singh Ph.D. (Applied Mathematics) E-mail | * Distribution Theory * Pseudo Differential Operator ak.singh@sharda.ac.in |
| 05. | Prof. A.H. Siddiqi Ph.D. (Mathematics) E-mail | * Wavelet Theory * Functional Analysis ah.siddiqi@sharda.ac.in |
| 06. | Dr.Khurseed Alam Ph.D (Mathematics) E-mail | * Differential Equation & Matrix * Differential & Integral Calculus khursheed.alam@sharda.ac.in |

- | | | | |
|-----|---|----------------|--|
| 20. | Dr.A.K.Soni Ph.D (Computer Science) E-Mail | * * | Data Base Objects Object Oriented Data Base |
| 21. | Dr. R.L.Mehra Ph.D(Physics) E-Mail | * * * | Solarcells Conducting Polymers Porous Silicon |
| 22. | Dr. Satya Prakash Ph.D(GeoPhysics) E-Mail | * * | Geographic Information Science GPS Application satya.prakash@sharda.ac.in |
| 23. | Dr. Ritesh Gautam Ph.D(Computational Science) Affiliate Faculty E-mail | * | Computational Science riteshgautam@gmail.com |
| 24. | Dr.Ranjit Biswas Ph.D(Computational Science) E-Mail | * * | Computational Science Operational Research |
| 25. | Dr. Rajbeer Sharma Ph.D(physics) E-Mail | * * | Carbon Nanotubes Phase charge Materials |
| 26. | Major Gen. S.S.Sharma KC,VSM Affiliate Faculty Email | * * | Glaciers Climate Change satyasharma@hotmail.com |
| 27. | Prof. S.K. Abdur Rauf Ph.D(Dynamic Plasticity) E-mail | * | Pure and Applied Mathematics |

Faculty of Management and Humanities

| S.No. | Faculty Name | Area of Specialization |
|-------|--|--|
| 01. | Prof. P. Vashistha Ph.D. (Economics) E-mail | * Development Economics * Agricultural Economics * Micro Economics * Public Economics prem.vashistha@sharda.ac.in |
| 02. | Dr. Daleep Parimoo Ph.D E-mail | * General HR * Workforce Score Card, Competency * Mapping and Industrial Relations daleep.parimoo@sharda.ac.in |
| 03. | Dr. Donal Bathie E-mail | * Marketing Theory and application * Marketing Communication * Branding Management don.bathie@sharda.ac.in |
| 04. | Dr. Vijay Kumar Ph.D. (Operational Branch) E-mail | * Operational Research |
| 05. | Dr. Shalini Sharma Ph.D. (Economics) E-mail | * Economics, Management Science shalini.sharma@sharda.ac.in |
| 06. | Dr. Anita R. Gautam Ph.D (Mass Communication) E-mail | * Print Media * Microbiology * Toxicologists anitagautam@sharda.ac.in |
| 07. | Dr. M.P.Gupta Ph.D(Management) | * Economic Statistics * Operational Research |

- E-Mail
08. Dr. Atul K. Sinha
Ph.D(HRM)
- E-Mail
09. Dr. Rashmi Saba Karim
Ph.D.(Political Philosophy)
- E-Mail
- * Mergers & Acquisitions
* Security & Portfolio
Management
atulk.sinha@sharda.ac.in
- * Political Philosophy
* Life Skills
* Journalism



SHARDA UNIVERSITY
Greater Noida – 201 306

APPLICATION FORM FOR ADMISSION TO Ph.D. PROGRAMME
(Session 2010-2011)

Photo
Self attested

Registration No.
(To be filled by office)

Full Time/Part Time

| | | |
|-------|---------|---|
| Dept. | School: | Field of Interest: Supervisor (any pref, in University): |
|-------|---------|---|

1. Full Name (in Capital): _____
2. Date of Birth: _____ 3. Place of Birth: _____
4. Sex: (Male/Female) _____
5. Father's Name: _____
6. Mother's Name: _____
7. Marital Status: _____
8. Nationality: _____
9. Address for Correspondence:

Ph: _____ Fax: _____

Email: _____ Mob: _____

10. Permanent Address:

Ph: _____ Fax: _____

Email: _____ Mob: _____

11. Category:
(GN/OBC/ST/SC)

12. Physically Challenged:
(Y/N)

13. Examination Qualified (GATE/NET/SET/UET/Any Other):

14. Details of Other Academic Record (Secondary onwards) (Attach separate sheet for details, if required)

| Exam Passed/ Appeared | Branch | University / Institute | Month/Year of Passing | Class / Division | % of Marks | Grade/CPI/CGPA (Please also enter equivalent percentage of marks in the previous column) |
|--------------------------|---------|------------------------|-----------------------------|---------------------|---------------|--|
| | Subject | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

15. Research/ Professional Experience, Papers published etc: (Attach separate sheet for details, if required):

| Name of University/ Institute/ Industry | Period | Position held/ Nature of duties | Name of Supervisor | Title of Dissertation/ Topic of Research/ Papers Published* |
|---|--------|------------------------------------|-----------------------|---|
| | | | | |

* give title of paper, name of author(s), journal name, volume, page(s), year.

16. Employment details (after acquiring the qualifying degree):

| Total duration(in months): _____ | | | |
|--------------------------------------|-------------|-------------------|-----------------|
| Name and Address of the Organization | Designation | Date | |
| | | From (MM:YYYY) | To (MM:YYYY) |
| | | | |
| | | | |

17. Present employment status: (Employed/ Not Employed) _____

18. Please describe in brief about your proposed area of research (As Annexure) _____

19. How do you think that Ph.D. programme shall help you to achieve your career goals (As Annexure)

20. Name three referees who are acquainted with your area of work (with Ph. and email address):

(i) _____

(ii) _____

(iii) _____

21. **Declaration:** I certify that the information given above is correct. I am fully aware that I must submit attested copies of my qualifying degree certificates/final transcripts on or before the close of admission, failing which; my admission will stand cancelled. I am also aware that providing incorrect information in the application form can result in the cancellation of my admission at any stage.

Place: _____ Date: _____ Signature of Applicant _____

Fee Details:

Details of Demand Draft:

Demand Draft No. _____ Date. _____ Rs.: _____ Name of Bank: _____