SHARDA UNIVERSITY

ADVERTISEMENT FOR Ph.D. ADMISSIONS
JANUARY 2021 BATCH
Ph.D. PROGRAMS AND DETAILS FOR ENTRANCE TEST

Admissions to various Ph.D. programs (full-time and part-time) in January 2021 of Sharda University will be made strictly according to merit and availability of seats through **Entrance Test followed by Interview**. Ph.D. Ordinance 2019 (available on university website) of Sharda University governs the Ph.D. Program. Full-time eligible students may get **Fellowship cum Assistantship** as per Sharda University rules. Applications are invited on prescribed application form only, which can be filled online/collecting hard copy from University/downloading application and sending complete form along with the Demand Draft of Rs.1500/- (One Thousand Five Hundred Only) in favor of Sharda University, payable at Greater Noida.

S NO	Name of School	Department	Name of the Programme	Broad Research Areas
1	School of Engineering & Technology	Biotechnology	PhD (Biotechnology)	Animal & Plant biotechnology, Genetic engineering, Stem cell Technology, Food Technology, Cancer & Molecular Biology
		Civil Engineering	PhD (Civil Engineering)	Structural Engineering, Environmental Engineering, GIS, Remote Sensing & Surveying, Building Materials, Transportation Engineering
		Mechanical Engineering	PhD (Mechanical Engineering)	Lean Manufacturing, Supply chain Management, Smart materials, Tribology and their applications, Composites and ceramics, Mechatronics, Manufacturing and Production, Non- conventional Machining &Thermal Science
		Electrical, Electronics & Communication Engineering	PhD (Electrical & Electronics Engineering)	Power System & Control, Renewable Energy, Power Electronics, Robotics, Smart & Micro-grid, Building Automation
			PhD (Electronics & Communication Engineering)	Signal & Image Processing, Antenna Design, VLSI Design & Testing, Materials and Devices, Wireless Sensor Networks
		Computer Science & Engineering	PhD (Computer Science & Engineering)	Data Science Analytics, Bioinformatics, Cloud Computing & Virtualization, IoT & Applications, Cyber Security & Forensics,

				Cryptology, Artificial Intelligence & Machine Learning, Block chain Technology, Software Engineering, Multi Media & Animation
2	School of Business Studies	Management	PhD (Management)	Applied Economics, International Business, Business Communication, Human Resource Management, Marketing, Entrepreneurship & Strategy, Finance and Banking, Business Analytics, Operations & Supply chain Management
3	School of Law	Law	PhD (Law)	Legal Studies
4	School of Media, Film & Entertainment	Mass Communication	PhD (Mass Communication)	Film Studies, Media and Conflict, Public Relations, Advertising, Gender Studies, Media Laws, Human Rights, Political Communication, Digital Communication, Broadcast Media, Audio-Visual Media and Print Media
5	School of Medical Sciences & Research	Medical Sciences	PhD (Medical Sciences)	Physiology, Pathology, Biochemistry
6	School of Architecture & Planning	Architecture	PhD (Architecture)	Sustainable & Culturally Responsive built environment, Building conservation and Transformation, Sustainable & Smart Cities, Traditional - Contemporary & Futuristic Architecture
		Design	PhD (Design)	Fashion and Textile Design, Product and Accessories Design, Interior and Space Design, Communication Design, Digital and Media Design, Social Design, Innovation, Craft and Culture, Design History
7	School of Basic Sciences & Research	Physics	PhD (Physics)	Bio-Medical Physics, Materials Science, Artificial Intelligence in Medical Sciences, Theoretical Physics, Energy devices, Space Physics

	Chemistry & Biochemistry	PhD (Chemistry)	Inorganic Chemistry, material chemistry, Nano science and technology, cement chemistry, water remediation, computational chemistry
		PhD (Biochemistry)	Cancer biology, virology, transcription regulation
	Mathematics	PhD (Mathematics)	Non- linear Dynamical systems, Chaos theory, Graph theory, Inventory model, Applied statistics, cryptography, Mathematical modeling ,General relativity theory, Cosmology, Wavelet analysis and Data mining.
	Life Sciences	PhD (Life Sciences)	Biotechnology, Microbiology, Food Science & Technology, Environmental Micro-biology
	Environmental Sciences	PhD (Environmental Sciences)	Environmental pollution, Solid Waste Management, Glaciology and Climate Change, EIA, Environmental Chemistry
8	School of Humanities & Social Sciences	Humanities & Social Sciences	Ph.D (Political Science)	Political Theories, International Relationship, Diaspora, Public Policy
			Ph.D (Sociology)	Gender, Culture, Migration Health, Identity and Social Movements
			Ph.D (English)	Gender and Feminism, Linguistics Indian Literature, American Literature, commonwealth Literature
			PhD (Psychology)	Counseling Psychology, Clinical Psychology, Industrial/Organizational Psychology, Cognitive Psychology, Developmental Psychology
			PhD (History)	Ancient Indian History, Medieval Indian History, Modern Indian History, Gender in Indian History, History of Diaspora and Migration
9	School of Pharmacy	Pharmacy	PhD (Pharmacy)	Pharmaceutical Sciences
10	School of Education	Education	PhD (Education)	Educational Psychology, Educational Philosophy, ICT in Education
11	School of Agricultural Sciences	Agricultural Sciences	PhD (Agricultural Sciences)	Agricultural Entomology, Agricultural Nematology, Plant Breeding & Genetics, Horticulture

12	School of Allied Health Sciences	Allied Health Sciences	PhD (Allied Health Sciences)	Physiotherapy, Biochemistry, Physiology, Radiology, Nutrition & Dietetics, Microbiology, Forensic Science
13	School of Dental Sciences	Dental Sciences	PhD (Dental Sciences)	Periodontology, Oral and Maxillofacial Surgery, Orthodontics and Dentofacial Orthopedics, Oral and Maxillofacial Pathology & Oral Microbiology, Prosthodontics and Crown and Bridge, Conservative Dentistry and Endodontics

Application Fee : Rs.1500.00
(Rupees One Thousand Five Hundred Only)
Last date of submission of Application : 22-01-2021 (Friday) 5.00 PM
Date of Entrance Test : 30-01-2021 (Saturday)
Date of Interview for selected candidates : 01-02-2021 (Monday) onward

Note:

1. Eligibility criteria for admission to Ph.D. degree in Sharda University

(i) A candidate must have cleared post-graduate (PG) degree or equivalent of minimum duration of 2 years from a UGC recognized Indian / foreign university in respective discipline with score of minimum 55% or equivalent CGPA. A 5% relaxation in score for SC/ST/OBC i.e minimum of 50% in PG degree or equivalent CGPA is allowed.

(ii) Online Entrance Examination of Sharda University followed by interview.

(iii) Candidates with valid selection from NET / GATE / SET / UET / any other equivalent test conducted by GOI accredited agency (to be decided by the selection committee) are exempted from entrance test but have to appear in interview. M.Phil. degree holders from UGC accredited universities are also exempted from entrance test.

2. The online Entrance test will have 70 MCQ to evaluate knowledge in core subject (50) and research aptitude (20) for 70 marks; Entrance test will be followed by interview for 30 marks.

3. Syllabi of the core subjects are of PG level in respective disciplines / subjects. There will be common entrance test for subjects common to different schools (e.g. Microbiology, Biotechnology, Biochemistry etc.) but different panels will conduct interviews depending on the eligibility and aptitude of the candidates.

4. Number of seats in different schools/departments may increase or decrease depending on the availability of eligible supervisors at the time of admission.

5. Application forms are available at www.sharda.ac.in

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