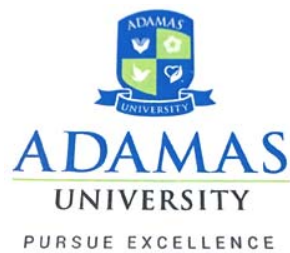


# **INFORMATION BROCHURE**

**(2019-20 Session)**

**For admission to  
DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAM**



**ADAMAS UNIVERSITY  
WEST BENGAL**

## ABOUT THE PROGRAMME

Adamas University (AU) awards the degree of Doctor of Philosophy (Ph.D.) to a candidate who has successfully completed the stipulated Programme of Research. The candidates will be required to undergo Ph.D. / PG level course work as per UGC rules prior to registration.

## ADMISSION TO Ph.D. PROGRAMME

Admission is granted on the basis of Research Entrance Test (RET) for admission to Ph.D. program. RET will be conducted through a written test followed by interview. At the time of interview, the candidates are expected to discuss their research interest / area. Candidates whose selection is approved by the Vice Chancellor on the recommendation of Research Committee (RC) will be admitted to the Ph.D. Programme of the AU after the payment of the prescribed fees.

## AREA OF Ph.D. PROGRAMME

Area	Discipline
Mechanical Engineering	Machining Technology, Vibration, Characterization of Smart Materials & Devices
Electrical Engineering	Control system analysis and identification
Civil Engineering	Concrete & Construction Technology, Innovative & Sustainable Building Materials, Waste Water Treatment using Membrane Technology, Removal of Decontamination of Arsenic and Fluoride from Ground Water
Electronics & Communication Engineering	Signal and Image Processing, Application of Wireless Communication in ITS, Modelling of Nanoscale Semiconductor Devices
Computer Science & Engineering	Formal Methods, Symbolic Logic, Application of MI/AI Cloud-base infrastructure, Nano communication networks, 5G wireless network and IoT, Information centric networks, Quantum Dot Cellular Automata (Nano Computing)
Science	Chemistry, Geography, Physics, Pure and Applied Mathematics
Life Science & Biotechnology	Biotechnology, Microbiology, Biochemistry
Pharmacy	Pharmaceutical Technology
Liberal Arts and Social Science	Bengali, English, History, Political Science, Sociology, Psychology, Journalism and Mass Communication
Law and justice	Law
Economics and Commerce	Economics, Commerce
Education	Education
Management	Management

## IMPORTANT DATES

Issue of application forms	: 20.03.2019
Last date for receipt of completed application forms	: 20.05.2019
Date of Written Exam & Interview	: 29.06.2019
Date of Joining (Tentative)	: 15.07.2019

## **TIME & VENUE OF WRITTEN EXAMINATION AND INTERVIEW:**

*The Examination & Interviews will be held at the following venue:*

Adamas University  
Barasat – Barrackpore Road  
Jagannathpur, 24 Parganas (North),  
Kolkata - 700 126,  
West Bengal,  
India

- *The Examination will start at 10:30 a.m. onwards. Candidates, who are to appear in Examination are required to report at 10.00 a.m. on the Examination date.*
- *The Examination will be of Two hours duration.*
- *The Examination will test candidates' research aptitude and knowledge in the relevant discipline.*
- *The candidates, who are eligible to appear directly in the Interview, are to report at 1.00 p.m. for document verification & subsequent Interviews.*

**Note:** -Candidates who have qualified in UGC NET / CSIR (JRF) Examination / SLET / GATE are exempted from the Written Test.

## **ELIGIBILITY**

All candidates seeking admission to the PhD program shall have to possess the requisite marks / grades in qualifying examination as indicated below:

Master's Degree or equivalent as approved by Association of Indian Universities (AIU) in Arts, Science, Commerce, Engineering, Technology or any other discipline.

Graduate in Professional courses recognized by law, such as, Medical, Law, Chartered Accountancy, Cost Accountancy, Company Secretary, etc. with good academic record and having aptitude for research.

The minimum marks for Humanity is 55% and for others is 60% or equivalent grade.

## **ALL CORRESPONDENCE REGARDING PH.D. ADMISSION SHOULD BE ADDRESSED TO:**

Dy. Registrar (Academics)  
Adamas University  
Barasat – Barrackpore Road  
Jagannathpur, 24 Parganas (North),  
Kolkata - 700 126,  
West Bengal,  
India  
E-mail: [sudip.mukherjee@adamasuniversity.ac.in](mailto:sudip.mukherjee@adamasuniversity.ac.in)