



**Department of Electronics and Communication Engineering  
Indian Institute of Information Technology Allahabad, Prayagraj**

**Admission to the PhD Program 2022 (With Institute /External  
Fellowship/Working Professionals)**

**13-05-2022**

Online applications are invited from highly motivated and qualified candidates for admission to the PhD program at IIT Allahabad. Candidates applying for PhD program are advised to visit the department's website at <https://ece.iita.ac.in/> for further information about the detailed research areas and the available research facilities at the department of ECE.

**Broad Research Areas**

**Communication, Signal Processing and AI**

- 1) MIMO Communication, Wireless Communication, 5G, Wireless Sensor Network
- 2) IoT, Cyber Security, D2D, V2X Communication
- 3) Optical Communication and Networks, RADAR Communication
- 4) Digital Signal Processing, Speech Processing
- 5) Image and Video Processing, Biomedical Signal & Image Processing
- 6) Machine Learning, Artificial Intelligence, Computer Vision

**Microelectronics and VLSI**

- 1) Solid State Devices and Materials: Modeling and Fabrication
- 2) Flexible and Transparent Electronics
- 3) Analog VLSI, Digital VLSI, Mixed Signal VLSI System Design
- 4) Bio-Sensors: Modeling and Fabrication
- 5) Molecular Electronics, MEMS, NEMS
- 6) Computational Nanoelectronics

**Power, Control and Instrumentation**

- 1) Automatic Control System, Nonlinear Control systems
- 2) Power electronics, Renewable Energy, Smart Grid, AC/DC systems
- 3) Embedded Systems, Electrical Machines, Electrical Measurements

**RF and Microwave**

- 1) Antenna Design for 5G, 6G, IoT etc.
- 2) RF front end circuit design for Microwave and millimeter wave
- 3) Microwave Remote Sensing.
- 4) Radar system development (Through-the-wall and Ground Penetrating Radar) and RF imaging for stealth applications

1. Fellowship will be provided to the scholars as per the institute norms.
2. The mode of application is online. To apply and for more details regarding eligibility criteria, general guidelines and faculty specific research areas, please visit [Advertisement for PhD Admission 05.04.2022 \(iita.ac.in\)](https://ece.iita.ac.in/)
3. The applicant must submit Statement of purpose (SOP) along with the application (500 words max.).
4. The department can put additional shortlisting criteria for the screening of applications.
5. The written test will comprise of questions from general aptitude and fundamentals of ECE.

**Important Dates:**

- **Start Date of submission for Online Application:** **5<sup>th</sup> April 2022**
- **Last date of submission for Online Application:** ~~4<sup>th</sup> May 2022~~ **25<sup>th</sup> May 2022 (Revised)**
- **Intimation to shortlisted candidates for Test and/ Interview (Offline mode):** ~~17<sup>th</sup> May 2022~~ **27<sup>th</sup> May 2022 (Revised)**
- **Date of written test and/ Interview (Offline Mode) :** **9<sup>th</sup> and 10<sup>th</sup> June 2022**
- **Announcement of List of Selected Candidates for Admission** **15<sup>th</sup> June 2022**

# Department of Information Technology Indian Institute of Information Technology Allahabad



## Ph.D. ADMISSION JULY 2022

### ABOUT US

IIIT Allahabad was established in 1999. It is an "Institute of National Importance" and has been conceived with the objective of developing professional expertise and skilled manpower in IT and areas of allied research.

### RESEARCH AREAS

- ✓ Artificial Intelligence
- ✓ Cloud Computing
- ✓ Computer Vision
- ✓ Data Science
- ✓ High Performance Computing
- ✓ Human Computer Interaction
- ✓ Image Processing
- ✓ Information Security
- ✓ Internet of Things
- ✓ Machine Learning
- ✓ Multimedia and Virtual Reality
- ✓ Robotics
- ✓ Software Engineering
- ✓ Systems

### ELIGIBILITY CRITERIA

The following candidates are eligible:

- ✓ For Candidates with B.Tech. / M.Tech. Backgrounds in relevant areas -
  - a) GATE Score (Not more than Four Years old, on the cutoff date for applications for Ph.D. Degree) OR
  - b) GRE Score (Not more than Four Year Old, on the cutoff date for applications for Ph.D. Degree) OR
  - c) UGC/CSIRNET or JRF (Period of eligibility as per the respective Funding Agency norms; For NET not more than two years old)
- ✓ For Candidates with M.Sc. / MCA Backgrounds in relevant areas -
  - a) GATE (Not more than Four Year Old, on the cut off date for applications for Ph.D. Degree) OR
  - b) UGC /CSIRNET or JRF / INSPIRE Qualified Candidates for JRF purposes (Period of eligibility as per the respective Funding Agency norms; For NET not more than two years old)

For detailed eligibility criteria follow the admission brochure.

Scan to Apply



### WHY CHOOSE US?

- ✓ Cutting Edge Research
- ✓ State-of-the-art Labs
- ✓ Experienced Faculty
- ✓ Exposed to work on funded project
- ✓ Funding support for attending conferences
- ✓ Residential Campus
- ✓ Excellent Placement
- ✓ Central Computing Facility

### CONTACT US

hodoffice.it@iiita.ac.in  
hod.it@iiita.ac.in

### DEADLINE

MAY 04, 2022

### Application Portal

<https://iiita.ac.in/downloads/announcements/uploads/Advertisement%20for%20PhD%20Admission%2020221042022258.pdf>



## DEPARTMENT OF APPLIED SCIENCES INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD

### PHD ADMISSION FOR JULY-DECEMBER SESSION 2022

Applications are invited from highly motivated students willing to pursue PhD in Bioinformatics, Biomedical Engineering, Mathematics and Physics. Applications from working professionals are also welcome.

Details of application procedure and eligibility criteria are available at :

<https://iiita.ac.in/downloads/announcements/uploads/Advertisement%20for%20PhD%20Admission%202021042022258.pdf>

For details on faculty profile and Department of Applied Sciences visit:

<https://as.iiita.ac.in/index.php/faculty/>

LAST DATE OF APPLICATION: **May 04, 2022**

LIST OF SHORTLISTED CANDIDATES WILL BE PUBLISHED ON INSTITUTE WEBSITE: **May 15, 2022**

ADMISSION TEST & INTERVIEW: **June 9 and 10, 2022**

FOR ANY QUERIES CONTACT: [rds@iiita.ac.in](mailto:rds@iiita.ac.in), [hod.as@iiita.ac.in](mailto:hod.as@iiita.ac.in)

## RESEARCH TOPICS

### Bioinformatics

- Computational structural proteomics using AIML
- Computer aided drug designing
- Molecular biology & Biochemistry
- Sequencing technologies & System biology
- Biological database management system
- High performance computing
- String processing & Genome informatics

### Mathematics & Statistics

- Fractal Geometry & Approximation theory
- Statistical inference & Survival analysis



### Biomedical Engineering

- Medical instrumentation
- Medical data capturing systems & data processing
- Bio-MEMs & Microfluidics
- Nanobiotechnology
- Stem Cell engineering

### Physics

- Experimental & theoretical condensed matter physics
- Photonics & Spectroscopy
- Renewable energy sources
- Spintronics & Metamaterials
- Condensation phenomenon specific to space application
- Functional nanomaterials

# Indian Institute of Information Technology, Allahabad

## Department of Management Studies

### Admission Notice for PhD Programme in Management – 2022 (With Institute/External Fellowship/WorkingProfessionals)

Online applications are invited from highly motivated and qualified candidates for admission to the PhD program at IIT Allahabad. Candidates applying for PhD program are advised to visit the Department of Management Studies's website at <https://mba.iitaa.ac.in/> for further information about the detailed research areas of the respective Faculty members and the available research facilities in the department.

#### IMPORTANT DATES

> Start Date of submission for Online Application:

**5th April 2022**

> Last date of submission for Online Application:

**4th May 2022**

> Intimation to shortlisted candidates for Test and/ Interview:

**15th May 2022**

> Date of written test and/ Interview:

**9th June 2022**

> Announcement of List of Selected Candidates for Admission:

**15th June 2022**

Faculty Name	Research Interest
Prof Vijaishri Tewari	Work Culture, leadership , Group Dynamics, Performance Management, Motivation, Strategic HR
Prof. Madhvendra Misra	Marketing, Strategy & Technology Forecasting, Process Management & BPR, Consultancy, Information Strategy & Digital Marketing
Prof. Ranjit Singh	Behavioural Finance, Security Analysis and Portfolio Management, Islamic Finance
Dr. Shailendra Kumar	Corporate Finance, Investments, Capital Market
Dr. Anurika Vaish	Accounting, economics and financial risk mitigation
Dr. Vineet Tiwari	Sustainability and Climate Change Water, Energy and Environment Modeling and Policy Analysis Operations and Supply Chain and Logistics Management
Dr. Utkarsh Goel	Corporate Finance, Fintech, Efficiency Analysis, Investments
Dr. Pragya Singh	Marketing , Entrepreneurship, & Investment Management.
Dr. Shashikant Rai	Information systems Identity, Privacy and Trust Management Data and Policy Management, perishable food product supply chain coordination.
Dr. Saurabh Mishra	Marketing, Ecommerce
Dr. Sudipta Das	Corporate Finance, Financial Modelling, Investments, Financial Econometrics

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<https://iitaa.ac.in/downloads/announcements/uploads/Advertisement%20for%20PhD%20Admission%2021042022258.pdf>
3. The department can put additional shortlisting criteria for the screening of applications.
4. The written test will comprise of questions from general aptitude and fundamentals of Management.

