

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

**Admission Notice for Full time PhD Program, 2021**

**22-05-2021**

Online applications are invited from motivated and qualified students for admission to the PhD program at IIIT Allahabad. Candidates applying for PhD are advised to see the faculty profile at <https://ece.iiita.ac.in/faculty.php> to check the broad research interests of the faculties.

Program	Research Areas	General Eligibility
<b>PhD In Electronics and Communication Engineering</b>	Integrated Circuits, Systems, Mixed signal IC Design, Memory, Electrical, Thermal properties in semiconductors, thermoelectric, Interconnects, Flexible and Transparent Electronics: Devices & Circuits, Analog IC Design, Flat-panel biomedical imagers and pixel-driving circuitry for AMOLED displays, Device to Circuit integrated design of Biosensors and its readout, Optical Networking, Wireless Sensor Network, Information and communication Technologies, Cyber Security, , Wireless Networks, Digital Signal Processing, Speech Signal Processing, Speaker and Language Recognition, Speech Analysis and Biomedical Signal Processing, Adhoc network, Physical Layer Security in Wireless Communications, Physical layer analysis of IoT networks, Antenna and Circuit design for Millimeter and THz Applications, Lunar Surface Characterization using Chandrayaan-2 Dual Frequency SAR data; Advancement of Electromagnetic Analytical Modeling, Radar Polarimetry, Microwave Remote Sensing, Electrical Engineering- DC micro grid, Control and Instrumentation, Power system, Renewable energy, Artificial Intelligence / Machine Learning / Deep Learning, Intelligent Embedded Systems, MEMS/NEMS Sensors Design and Simulation, Nanoscale Device Modeling, Energy Conversion and Storage, Molecular Electronics, Age of information, Reinforcement learning, Algorithmic Mechanism design.	<p>An M.Tech/ME in Engineering (EE/ECE/CSE)/Technology (IT) with a minimum of 65% marks/7.0 CGPI (60% marks/6.5 CGPI for SC/ST), with First division in Bachelor's Degree (55% marks/6 CGPI for SC/ST), and GATE Score of not more than Four Years old on the cutoff date for applications.</p> <p>OR</p> <p>A Bachelor's degree in Engineering (EE/ECE/CSE)/ Technology (IT) with a minimum of 75% marks/8.0 CGPI (70% marks/7.5 CGPI for SC/ST) and GATE Score of not more than Four Years old on the cutoff date for applications.</p> <p>OR</p> <p>A Master's degree in Science/Electronics/Technology</p> <ul style="list-style-type: none"> <li>• A minimum of 65% marks/ 7.0 CGPI in the Master's Degree.</li> <li>• First division In Bachelor's Degree.</li> <li>• INSPIRE JRF/ NET JRF/NET/SET</li> </ul> <p>GATE Score of not more than Four Years old, on the cutoff date for applications.</p>

1. Fellowship will be provided to the scholars as per MHRD GO F.No.12-2/2019-U1 dated 3rd Jan 2019.
2. Mode of the application is online. For more details please visit: <https://apply.iiita.ac.in/application/authenticate/phd/>
3. A detailed Statement of research proposal is mandatory along with the application.
4. The department can put additional shortlisting criteria for the screening of applications.
5. The Entrance Examination Fee is RS. 500/-for General/OBC and RS. 250/= for SC/ST candidates.

**Important Dates:**

- **Start Date of submission for Online Application: 25<sup>th</sup> May, 2021**
- **Last date of submission for Online Application: 25<sup>th</sup> June, 2021**
- **Intimation to Screened in Candidates for Online Test/ Interview: 30<sup>th</sup> June, 2021**
- **Date for written test(Online Mode) : 10<sup>th</sup> July 2021**
- **Date of Interview/Personal discussion for the qualifying candidates in Written: 12<sup>th</sup> July, 2021**
- **Notification to selected Candidates: 19<sup>th</sup> July, 2021**