

# Indian Institute of Information Technology, Allahabad

## Admission Notice for PhD Programme in Applied Science

July to December, 2019 Session

Online applications are invited from motivated and qualified students for admission to the PhD programme at IIIT Allahabad starting from January/July. Students applying for Ph.D. are requested to see the faculty profile at <https://www.iiita.ac.in/academics/department/> to check the research interests of the faculties.

The applicants are encouraged to contact the faculties with whom the applicant is interested to do research and discuss the research proposal. The applicant needs to fill the names of his/her probable Ph.D Supervisors (more than one option allowed).

Programme	Representative Areas	General Eligibility
<b>PhD in Applied Sciences</b>	Bio-Informatics and Bio-Medical Engineering Computational Structural Proteomics, Computer Aided Drug Design, Molecular Biology and Biochemistry, Sequencing Technologies and System Biology, Biological Database Management System, High Performance Computing, Bioelectronics, Machine Learning, Medical Instrumentation, Ultrasonic/Photoacoustic Imaging and Tissue Characterization, System and Image Processing, BioMEMs and Nanotechnology, Computational Medical Sciences, Health Information Systems.	<b>i.</b> A master's degree in Science / Life Science or equivalent degree with a minimum of 60% marks / 6.5 CGPI (55% marks / 5.5 CGPI for SC/ST). <b>ii.</b> A master's degree in Engineering /Technology or equivalent degree with a minimum of 60% marks / 6.5 CGPI (55% marks / 5.5 CGPI for SC/ST). <b>iii.</b> The candidate must have qualified one of following appropriate national tests: GATE /CSIR-NET / UGC-NET /INSPIRE
	Mathematics Combinatorial Topology, Commutative Algebra, Functional Analysis	Or
	Theoretical and Experimental Condensed Matter Physics, Photonics and Spectroscopy, Physics at Nanoscale, Cosmology and General Relativity, Computational Astrophysics, Modelling and Simulations, Photonic Crystals, Photonic band gap materials & Metamaterials, Theoretical High Energy Physics.  <i>(students may be allowed to do research in other areas provided a faculty from the department /institute is willing to supervise the student in the specific area)</i>	A Bachelor's degree in Engineering /Technology or equivalent degree with a minimum of 75% marks/ 8.0 CGPI (70% marks/7.5 CGPI for SC/ST) <b>MHRD fellowship</b> ( GO F .No. 17-2/2014-TS.I.) <b>will only be provided to the scholars on basis of GATE scores above the prescribed cut-off level.</b>

### Notes:

- 1) **Mode of the application is online. The Application fee is Rs.500/-for General/OBC and Rs.250/-for SC/ST candidates.**
- 2) **If a selected PhD Scholar does not have a GATE Score above a prescribed cut off level but have cleared UGC-NET (JRF)/CSIR-NET (JRF), they may avail their own scholarship as provided by UGC/CSIR.**
- 3) **Fellowship/Scholarship- As per MHRD /Govt of India Norms**
- 4) **Deadline of online Application: 30<sup>th</sup> June, 2019**
- 5) **Tentative Dates for Written test/ Interview: between 16 -17 July, 2019**
- 6) **Tentative Dates for Registration/admission of selected candidates: last week of July, 2019.**