**Doctoral Programms (Ph.D.): JIIT, NOIDA**

The Ph.D. programs are available in various specializations such as Biotechnology, Computer Science and Engineering, Electronics and Communication Engineering, Management, Humanities & Social Sciences, Mathematics, Physics & Materials Science and Engineering. The scholars are required to take up intensive research work under the guidance of a supervisor on a specific problem for a minimum duration as specified. The research work is expected to result in new findings contributing to the knowledge in the chosen field. The doctoral research program gives an opportunity to students to demonstrate their analytical, innovative and independent thinking leading to creativity and application of knowledge. The scholars are required to deliver seminars on their research progress regularly and publish their work. Finally, they are required to submit the thesis embodying their research findings for the awarding of the Ph.D. degree. They are also be required to take part in some advanced level course work.

Financial Support will be provided to all full time Ph.D students in the form of Research / Teaching Assistantship.

**Electronics & Communication Engineering**


**Computer Science Engineering**


**Biotechnology**

Medical Biotechnology, Bioinformatics, Genomics & Proteomics, Plant & Microbial Biotechnology, Environmental Biotechnology, Novel Drug Delivery System & Nano-biotechnology

**Physics & Materials Science and Engineering**

MEMS and Smart Systems, Advanced Materials, Nanoscience and Nanomaterials, Quantum Optics & Quantum Computing, Atomic & Molecular Physics, Energy Materials and Devices, Photonics and Plasma Physics

**Mathematics**

Wavelets, Fractals and Chaos, Complex Analysis, Numerical Analysis and Computational Fluid Dynamics, Statistics, Queuing Systems and Fuzzy Set Theory, Continuum Mechanics, Information and Coding Theory

**Humanities and Social Science**


**Management**