

Integral University, Lucknow

Departments offering Ph.D. for the session 2016-2017 with area of specialization

Sl. No.	Department	Area of specialization
1	Bioengineering	Plant Biotechnology & Biochemistry, Cyanobacterial Biotechnology, Molecular Cell Biology, Translational Cancer Biology and Yeast Biology
2	Biosciences	Plant Biochemistry and Molecular biology, Biochemistry & Natural products, Glycation biology and Immunology, Neurobiology, Microbiology, Phytotherapy & Cancer biology
3	Business Management	Marketing, International Trade
4	Chemistry	Medicinal Chemistry, Synthetic Chemistry, Environmental Chemistry, Analytical Chemistry
5	Computer Application	Web Technology, Web Mining, Requirement Engineering, Software Engineering (Software Security)
6	Computer Science & Engg.	Application of Neural Networks, Software Engineering and Cloud Computing, Web Applications, MANET, Sensor Network Security, DBMS
7	Education	Psychological Research, Advanced educational psychology
8	Electrical Engineering	System Modeling & Analysis, Instrumentation & Control, Renewable Energy, Power System & Drives, Signal Processing, Renewable Energy/Instrumentation & Control
9	Electronics & Comm.	Solar Engineering, VLSI / Circuits, Digital Communication, Image Processing
10	English	Literature
11	Environmental Science	Heavy metal pollution, Exploration of Biodiversity, Agrochemical vs. crop plants
12	Mathematics	Systems of variational inequalities and boundary value problems, Optimization Techniques, Hydrodynamic instability, Differential geometry, Special function and voigt function, Numerical analysis, Ring theory, Algebra
13	Mechanical Engineering	Production Engineering, Design
14	Medical Biochemistry	Medical Biochemistry, Medical Biotechnology in diseases
15	Medical Physiology	Research Physiology
16	Pharmacy	Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry
17	Physics	Liquid Crystals, Ceramics (Alkali Titanates), Vibrational dynamics and phase transition in polymers