Area of research for admission into the Ph.D. programme in the Autumn Semester, 2014

Department	Area of research
Business Administration	Financial Management, General Management, Tourism, Marketing and Promotional Strategies, Consumer Behaviour, Systems Management, Operations, Project Management, Economics, Entrepreneurship, Business Ethics.
Chemical Sciences	Polymer Chemistry, Inorganic Chemistry, Physical Chemistry, Polymer Nanocomposite, Organic Chemistry, Theoretical Chemistry, Chemical Sensor/Biosensors, Adsorption, Catalysis.
Mathematical Sciences	Probability Distribution/ Demography, Number Theory, Computational Fluid Dynamics.
Physics	Materials Science, Condensed Matter Physics, EMI Shielding Materials, Microwave Devices & Antennas, Plasma Physics, Optoelectronics, Laser Physics, Physics of Nanomaterials, Magnitism in Low Dimension, Fiber Optics Sensors & Systems, Applied Photonics, Interstellar Dust, Astrochemistry, Electrochemistry.
Molecular Biology & Biotechnology	Immunogenetics, Microbial Biotechnology, Cardiovascular Drug Discovery, Molecular Plant, Microbe Interaction, Cancer Genetics and Chemoprevention, Regulation of cell physiology by posttranslational protein arginylation, Computational Biology and Bioinformatics.
Environmental Science	Environmental pollution & remediation, Air pollution, VOC, NOx & Ozone chemistry, Environmental Law and Environmental issues, Riverine hazards, landforms, fluvial Geomorphology, Socio-environmental issues, Hydro geochemical Processes, Groundwater modelling, Urban hydrology, contaminant transport, Heavy metal speciation, Atmospheric Processes, Air and Noise pollution monitoring and modeling, Environmental System modeling, Urban Climate, Natural Resources Management, Climate change: V & A, Carbon & Nitrogen Dynamics in SPAC, Simulation modelling of GHGs, Community based watershed management, Hydro-meteorological disasters Management.
Computer Science & Engineering	Bioinformatics, Network Security, Description Logics, Natural Language Processing, Ad Hoc Networks, Pattern recognition and remote sensing image analysis.
Electronics & Communication Engineering	Intelligent Instrumentation, Signal Processing, Microsensor, Integrated Optics, MEMs, Optical Networks, Planar Antennas.
Mechanical Engineering	Design / Optimization.
Civil Engineering	Environmental Engineering, Water resources engineering (hydrological modeling), Geotechnical Engineering.
Energy	Biofuels, Biomass Assessment, Bioenergy & Environment.
Food Engineering & Technology	Food Biochemistry, Food Process engineering and modeling, Functional foods and Nutraceutical, probiotic
English & Foreign Languages	Linguistics
Sociology	Social movements, Agrarian movements, Environment, Social stigma, Social exclusion.
Hindi	Modern Hindi Literature, Comparative Literature and Folk Literature