

Programmes:

| Department | Ph. D. Major Areas - Full time / External |
|---|---|
| Chemical Engineering | Chemical Engineering, Chemical Reactions Engineering, Catalysis, Process Development & Process Integration, Process Optimization, Bio-Fuels, Environmental Engineering, Industrial Waste Treatment & Recovery, Nanotechnology, Phase Equilibrium, Modeling & Simulation |
| Civil Engineering | Structural Engineering, Geotechnical Engineering, Geodesy & Geomatics |
| Computer Science & Engineering | Database Systems and Mining, Pattern Recognition |
| Electrical Engineering | Power Electronics and Power Quality |
| Electronics & Communication Engineering | Optical Networks, Wireless Networks, Wireless Communication, Antennas, Microwave and Optical Fiber Communication, Image Processing, Video Processing, Speech Processing |
| Instrumentation & Control Engineering | Process Instrumentation, Control Engineering, Soft Computing applications in Control Engineering, Power Control & Optimization |
| Mechanical Engineering | Biomass Gasification, Pyrolysis, Computational and Experimental Heat Transfer, Solar Refrigeration, Manufacturing Engineering |