



## CALL FOR APPLICATIONS FOR FULL-TIME Ph. D.

Applications are invited from candidates for full-time Ph.D. in the following areas:

### School of Chemical & Biotechnology

- Biochemistry
- Biosensors
- Cancer Biology & Cell Signaling
- Coordination & Combinatorial Chemistry
- Cheminformatics
- Chromatin Epigenetics
- Drug Design & Delivery
- Electrophysiology
- Genetic Circuits
- Green Chemistry
- Nanobioscience
- Nanomedicine
- Nanotoxicology
- Proteomics
- Stem Cells & Regenerative Medicine
- Structural Biology & Bioinformatics
- Tissue Engineering

### School of Civil Engineering

- Geology
- Hydraulics & Water Resources Engineering
- Remote Sensing & GIS
- Structural Engineering
- Transportation Engineering

### School of Computing

- Algorithms
- Data Mining
- Image Processing
- Network Security
- Embedded Systems
- Machine Vision & Pattern Recognition
- VLSI Design

### School of Mechanical Engineering

- Robotics & Automation
- Nanofluids & Heat Transfer
- Materials Science
- Advanced Manufacturing

### School of Electrical Engineering

- Control Systems
- Power Electronics & Systems
- Thin Films & Coatings
- Nanophotonics
- Nanocomposites
- Nanosensors
- Wireless Communication

### School of Humanities & Sciences

- Number Theory
- Cryptography
- Fuzzy Topology
- Bitopological Spaces
- Functional Analysis
- Algebra

### School of Management Studies

- Human Resource Management
- Organizational Behaviour
- Finance & Marketing Management

B. Tech. / M. Tech. / M. E. / M.Pharm. / M. Phil. / M. Sc. / M.V.Sc. graduates from relevant disciplines may apply. **Selection will be based on written test followed by interview to be conducted at the University on Dec. 08, 2012.** A stipend of Rs. 12,000–16,000 per month will be provided for the selected candidates who do not receive CSIR / UGC / NET fellowship.

Interested candidates may email their resume to [phdadmissions@sastra.edu](mailto:phdadmissions@sastra.edu) on or before Nov. 30, 2012

