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
- Nanobiotechnology
- 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 Electrical Engineering**
- Control Systems
- Power Electronics & Systems
- Thin Films & Coatings
- Nanophotonics
- Nanocomposites
- Nanosensors
- Wireless Communication

**School of Humanities & Sciences**
- Number Theory
- Cryptography
- Fuzzy Topology
- Biophysical Spaces
- Functional Analysis
- Algebra

**School of Management Studies**
- Human Resource Management
- Organizational Behaviour
- Finance & Marketing
- Management

**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

**JRF / SRF** are required in the following areas:
- Multifunctional Molecular Probes
- Production of Microbial Exopolysaccharides
- Hydrogen Production
- Diabetes & Cardiovascular Diseases
- Cancer Chemoprevention
- Mtbg Protein Structure
- Computational Design of Energy Materials
- Gene Regulation
- Live Cell Imaging
- Microbial Wastewater Treatment
- Marine Metagenomics
- Theranostics for Cancer
- Gene Silencing
- Computational Drug Design
- Plant Conservation Technologies

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 November 15, 2014. 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 upload their resume at www.sastra.edu/phdform on or before October 31, 2014.