

# SPECIAL SESSION ON INTELLIGENT SOFT COMPUTING FOR PATTERN RECOGNITION AND MEDICAL IMAGING APPLICATIONS

(5th International Conference on Soft Computing for Problem Solving)

December 18-20, 2015 at SAHARANPUR CAMPUS, INDIAN INSTITUTE OF  
TECHNOLOGY ROORKEE, INDIA

**Aim:** Soft computing for pattern recognition and medical image processing form a major area of research and development that encompasses the processing of pictorial, numeric and nonnumeric data. Pattern recognition involves the idea of designing and making intelligent machines that can carry out tasks which human beings do. Medical image processing involves imaging of body structure, morphology and function, and imaging of microscopic biological entities.

**Scope:** Topics of interest include, but are not limited to:

- Biometrics & Target Recognition
- Biological Taxonomy & Classification Method
- Computer Vision & Character Recognition
- Statistical, Structural & Syntactic Pattern Recognition
- Robotics & Reactive Distributed Artificial Intelligence
- Discrete Geometry, Algebraic & Graph-Based Techniques for Pattern Recognition
- Tomographic Reconstruction Algorithms (CT And MRI)
- Computer-Aided Diagnosis and Quantitative Image Analysis
- Visualization & Modeling
- Picture Archiving & Communications Systems
- Image Perception & Observer Performance
- Ultrasonic Imaging & Digital Pathology

## Important Dates

- Submission deadline: 15 June, 2015
- Acceptance Notification: August 10, 2015
- Camera-Ready Paper & Registration: September 01, 2015.

**Paper Publication:** All the accepted papers of this session will be published in the Proceedings of **AISC Series of Springer Series (ISSN: 2194-5357)** and the extended versions of the selected papers will be published in special issue of the International Journals. Kindly follow the Springer format ([http://www.scrs.in/socpros15/download/Template\\_MS\\_Word.docx](http://www.scrs.in/socpros15/download/Template_MS_Word.docx)) and submit your paper through easy chair link provided at the Conference website: <http://easychair.org/conferences/?conf=socpros2015>

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