



# RNS INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ICDECS-2011

**ICDECS-2011**, The 1<sup>st</sup> International Conference on Data Engineering and Communication Systems (ICDECS-2011) during Dec 29-30, 2011 aims to strengthen relationships between Industries/Organizations, Research Laboratories, and Institutions. The theme of the conference “Data Engineering, Image Processing and Communication Systems” deals with the use of techniques, methodologies in the design, development, and assessment of information systems for different computing platforms and application environments. The purpose of this conference is to share the research solutions for problems of today’s Communication and Information Systems by identifying new issues and directions.

ICDECS–2011 invites research submissions on all topics related to Data Engineering, Image Processing & Communication Systems, including but not limited to:

- Data Privacy & Security, Information Theory
- Data Mining, Web Mining, & Knowledge Management
- Distributed, Parallel, Multimedia, Spatial and Temporal Databases
- Data grids, Data Warehousing, OLAP, XML
- Query Processing, Optimization, and Data Structures for Querying
- Digital Image Processing and Image Databases
- Feature extraction, Edge detection, segmentation, Indexing
- Fuzzy Logic & Neural Network Applications in Image Processing
- Content based image retrieval, Medical Imaging, Image mining
- Video Streaming, Coding and Processing
- Remote Sensing, Radar & Sonar Imaging
- Grid computing, Computer Vision
- Green communication technologies & systems
- Grid networks and High-speed networks
- Wireless Ad-hoc, Sensor and Mesh networks

Two days 400 Participated, 105 research scholars presented papers and published in conference proceedings. In addition to the paper presentation sessions, the conference program includes 2 tutorials of 75 minutes each. It also includes research conclave and one panel discussion on topic of current interest to the data engineering & communication systems community.