RNS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ICDECS-2019

ICDECS-2019, The 3rd International Conference on Data Engineering and Communication Systems (ICDECS-2019) during Dec 19-20, 2019 will act as a premier forum for researchers and practitioners interested in advances and applications of Data Engineering, Image Processing and Communication Systems. It is an opportunity to present and observe the latest research, results, and ideas in these areas. ICDECS-2019 aims to strengthen relationships between Industries/Organizations, Research Laboratories, and Institutions. Data Engineering and Communication Systems deal 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 approaches. the Conference and its subsequent publication in **Elsevier Scopus Indexed Journal- International Journal of Innovative Technology and Exploring Engineering (IJITEE)** listed in UGC and annexure of various universities.

ICDECS–2019 invites research submissions on all topics related to Data Engineering, Image Processing & Communication Systems, including but not limited to:

- Data Warehousing, Data Mining, Web Mining and Knowledge Management
- Distributed, Parallel, Multimedia, Spatial, Temporal and Mobile Databases
- Data grids, Cloud Computing, Big Data, Data Science and Analytics, Block Chain
- Data Integration, Interoperability and Metadata
- Digital Image Processing, Medical Imaging, Image Databases
- Artificial Intelligence, Machine Learning and Soft Computing Applications
- Video Streaming, Coding and Processing
- Software Engineering, Software Architecture, E-Business, E-Learning, Gaming
- Web Technologies and Nanotechnology

ICDECS 2019 received 203 research manuscripts. We thank all authors for submitting their innovative works to the conference. To facilitate selection of research papers, we organized the Program Committee (PC) into 3 topic-based tracks. Each track was headed by a coordinator who formed a committee to evaluate the papers assigned to that track. The evaluation process consisted of three distinct phases: initial reviews of the papers by PC members, author responses to these reviews, and finally, PC's discussion and fine-tuning of the reviews. The research program features 162 papers that are presented in 10-minute slots. 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.