

ABOUT THE CONFERENCE

In this era of big data, data analysis and management is emerging as a significant research field with a vision to manage the data from an information perspective. Recent, the data intelligence domain combines with the increasing efforts of Artificial Intelligence, Machine Learning, Deep Learning and Cognitive science to study and develop a deeper understanding of the information processing systems. This International Conference on Data Intelligence and Cognitive Informatics [ICDICI 2020] welcomes researchers, academicians, scholars, and industrialists across the globe to join the international research initiative on data intelligence and cognitive informatics towards investigating the evolving information processing systems, and for the development of next-generation cognitive informatics and communication technologies.

ABOUT THE COLLEGE

SCAD College of Engineering and Technology (SCADCET), an NBA Accredited Institution, approved by AICTE & affiliated to ANNA UNIVERSITY CHENNAI, It's an ISO certified institution and recognized by UGC under the section 12(B) & 2(f). The college is managed and run by SCAD Educational Trust of the SCAD Group of Institutions and offers engineering courses in the undergraduate as well as postgraduate degree level. It also provides management and computer application courses at the postgraduate level. Curricular and co-curricular programs form an integral part of the curriculum and help students to have commanding incorporation of theory and practical knowledge.

CALL FOR PAPER

INFORMATICS

- Intelligent Information Systems
- Data Management and Visualization
- Data Mining Techniques
- Big Data Intelligence
- Information Retrieval Techniques
- Image/Video Processing and Analysis
- Data Integration Techniques
- Web Data Management Techniques
- Big Data Storage and Processing Architectures
- Distributed and Parallel Databases
- Access Control and Authorization Techniques
- Natural Language Processing
- Big Data as a Service
- Data Pre-Processing Techniques
- Multi-Structured Data Processing Techniques
- Computational Modeling and Data Integration Techniques
- Security and Privacy-Preserving Big Data Analytics

COGNITIVE INTELLIGENCE

- Cognitively Inspired Computing and Communications
- Cognitive Foundation in Big Data
- Cognitive Robotics
- Autonomous Computing Technologies
- Cognitive Information Processing Model

- Cognitive Human-Computer Interaction Techniques
- Deep Learning
- Data-Driven Fuzzy Systems and Models
- Cognition Based Human-Machine Cooperation
- Cognitive Information Theory
- Neuro-Computing and Brain-System Interfaces
- Knowledge Processors and Manipulations
- Intelligent Decision Theories and Models
- Distributed Data Intelligence Models
- Cognitive Data Modeling and Mining Techniques

APPLICATIONS

- Smart Cities
- Healthcare
- Process Automation
- Healthcare
- Supply Chain and Logistics
- Industrial Internet of Things
- Cognitive Human-Computer Interaction Models
- Industrial Automation and Robotics
- Internet of Vehicles
- Wearable and Personalized Technologies
- Smart Virtual Environments
- Mobile Technologies and Services
- E-Learning
- Gaming Theory
- Smart User Interfaces
- Multimedia and Video Processing

ORGANIZING COMMITTEE

Chief patrons

Dr. S. Cletus Babu,

Chairman,
SCAD Group of Institutions, India.

Dr.J.X.Amali Cletus Babu,

Vice Chairperson,
SCAD Group of Institutions, India.

Mr.C.Arun Babu,

Managing Director,
SCAD Group of Institutions, India.

Patrons

Mrs.J.J.Menandez,

Executive Director,
SCAD Group of Institutions.

Mr. A. Ignatious Xavier,

General Manager-Finance,
SCAD Group of Institutions.

Dr. K. Jeyakumar,

Professor & General Manager(Development),
SCAD Group of Institutions, Tirunelveli.

Prof. J. Monimaran,

Assistant General Manager,
SCAD Campus.

Mr. Jeyapandi,

Administrative Officer, SCAD CET.

Conference Chair

Mr. P Ebby Darney

Professor, Department of EEE,
SCAD CET.

Organizing Secretary

Dr. Karthik Ganesh,

Professor, Department of CSE,
SCAD CET.

SUBMISSION FORMAT

All papers must be formatted according to the Springer template, with a maximum length of 12-15 pages including figures and references in Microsoft Word Format 2007, Microsoft Word Format 2003, and Latex Format. All proposed papers must be submitted in electronic form (DOC/DOCX format) using the ICDICI submission management system or through Email [icdici.conf@gmail.com].

REGISTRATION FEE DETAILS

Indian

Author: INR 7000 / paper (Upto 12 pages)

Listener: INR 5000

Foreigner

Author: 150 USD / paper (Upto 12 pages)

Listener: 100 USD

Note: Maximum Number of Pages: 15
For each extra page exceeding 12 pages:
INR 500

VENUE

SCAD College of Engineering and
Technology,
Cheranmahadevi,
Tirunelveli,
TamilNadu, INDIA.

CONTACT

Dr. Karthik Ganesh
Professor / CSE, SCAD C ET,
icdici.conf@gmail.com
Mobile: 9600368297

Conference website: <http://icdici.in/index.html>



International Conference on Data Intelligence and Cognitive Informatics (ICDICI-2020)

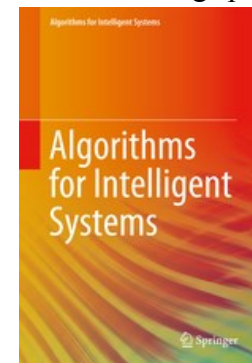
8-9, July 2020

Organized by

**SCAD College of Engineering and
Technology**



All registered and presented papers will be
published in the following springer series.



Algorithms for Intelligent Systems

ISSN: 2524-7565