

NATIONAL E- CONFERENCE

ON

**"RECENT TRENDS IN COMPUTER ENGINEERING
& APPLICATION'S"**

"RTCEA-2022"

Friday, April 29, 2022

Organized by

**Department of Computer Science and Engineering,
and**

Department of Computer Application

SCHOOL OF COMPUTER SCIENCES AND ENGINEERING (SOCSE)

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About Sandip University, Nashik:

Sandip University established with the aim of providing quality higher education, guided and governed by the policy, rules and regulations of Maharashtra state and under the regulations of the University Grants Commission. This is the first Self-financed private university in North Maharashtra. Sandip University belongs to Sandip Group of Institutions which owns the very well-known Sandip Foundation in Nashik. Sandip University campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students.

About SOCSE:

Sandip University houses one of the best computer sciences engineering school. Sandip School of Computer Sciences and Engineering (SOCSE) offer some of the most diverse programmes in the industry. The programmes cover digital aspects of electronics engineering, computer architecture, processor design, and parallel computing. The programmes focus on hardware-software integration where students can hone their skills at design, implementation, and management of information system at both hardware and software levels. SOCSE offers following UG, PG, and Ph.D. Programmes in Engineering and Application.



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Call For Papers

"RTCEA-22" aims to provide an opportunistic forum and vibrant platform for researchers and industry practitioners to exchange state-of-the-art knowledge gained from their original research work and practical developments on specific new challenges, applications and experiences, to establish business or research relations, and to find global partners for future collaboration on emerging issues. The conference focuses on the frontier topics in the all domains of

Topics of Interest

Artificial Intelligence

AI Algorithms
 Artificial Intelligence tools & Applications
 Automatic Control
 Bioinformatics
 Natural Language Processing
 CAD Design & Testing
 Computer Vision and Speech Understanding
 Data Mining and Machine Learning Tools
 Data Science
 Fuzzy Logic
 Heuristic and AI Planning Strategies and Tools
 Computational Theories of Learning
 Hybrid Intelligent Systems
 Information Retrieval
 Intelligent System Architectures
 Knowledge Representation
 Knowledge-based Systems
 Mechatronics
 Multimedia & Cognitive Informatics
 Neural Networks
 Parallel Processing
 Pattern Recognition
 Robotics
 Semantic Web Techniques and Technologies
 Soft computing theory and applications
 Software & Hardware Architectures

IOT

AI for IoT
 Blockchain and IoT
 Electronics and Signal processing for IoT
 Energy Efficiency and Sustainability in IoT
 Human Interaction with IoT
 Interoperability in IoT
 IoT Applications and Industry 4.0
 IoT Communication Technologies
 IoT Edge and Cloud Architectures
 IOT Experimental Results and Deployment Scenarios
 IoT enabled Innovation and Entrepreneurship
 Machine learning and IoT
 Robotic IoT Systems
 Security and Privacy for IoT
 Self-adaptation for IoT Systems
 Software Engineering for IoT
 Web of Things
 IoT Mobility, localization, tracking & security
 Internet of Things Applications and Services

CLOUD COMPUTING

Cloud Computing Architectures and Systems
 Cloud Resource Virtualization and Management
 Virtual Machine Management in Clouds
 High Performance Computing in Clouds
 Big Data Management in Clouds
 Big Data Processing in Clouds
 Stream Data Processing in Clouds

MapReduce Systems and Applications
 GPU-accelerated Cloud Computing
 GPU-accelerated Data Processing
 Data Center Networking
 Software Defined Networking for Cloud Computing
 Software Defined Networking for Data-Intensive Applications
 Cloud Storage
 Green Cloud Computing
 Mobile Cloud Computing
 Cloud Computing in Social Networks
 Cloud Computing for Internet of Things
 Cloud-assisted Multimedia Systems
 Infrastructure as a Service (IaaS)
 Software as a Service (SaaS)
 Platform as a Service (PaaS)
 Big Data as a Service
 Sensing as a Service
 Security and Privacy in Cloud Computing
 New Cloud Services and Applications

Publications

Selected papers of the Conference publication will be published in the **International Journal on Emerging Trends in Technology (IJETT), ISSN: 2455-0124 (ONLINE), 2350-0808 (PRINT), IF: 0.456**. The aim and scope of the journal is to provide an academic medium and an important reference for the advancement and dissemination of research results that support high-level learning, teaching and research in the fields of Engineering and Technology. IJETT bring together Scientists, Academician, Field Engineers, Scholars and Students of related fields of Engineering and Technology.



Paper Submission

Authors should submit a paper in English, carefully checked for correct grammar and spelling, addressing one or several of the conference areas or topics. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. Only original papers should be submitted. Authors are advised to follow ethical norms regarding plagiarism and self-plagiarism thoroughly before submitting and must make sure that their submissions do not substantially overlap work which has been published elsewhere or simultaneously submitted to a journal or another conference with proceedings. Papers that contain any form of plagiarism will be rejected without reviews.

Authors can submit their work in the form of a Regular Paper, representing completed and validated research, or as a Position Paper, portraying a short report of work in progress or an arguable opinion about an issue discussing ideas, facts, situations, methods, procedures or results of scientific research focused on one of the conference topic areas. All papers must be submitted through the online submission platform. After the paper submission has been successfully completed, authors will receive an automatic confirmation e-mail.

All the papers should be of 6 pages length and should adhere to the template prescribed in the ASDF KIT. Please read through the instructions in the below link before preparing the final template.

Important Dates

Paper Submission	05 - April - 2022
Acceptance Notification	18- April -2022
Author Registration	19-21 - April - 2022
CRC & Copyright Submission	22-23 - April - 2022
Listener Registration	25 - April - 2022
Conference Date	29 - April - 2022

Registration Fee

	Category	Fee
	UG /PG/Ph.D Students	INR. 300.00/-
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