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RCOEM

Shri Ramdeobaba College of
Engineering and Management, Nagpur

ICIDC 2020



International Conference
on
**Intelligent Systems, Data Science and
Computing**

27-28 November 2020

In Association with

SRH University Heidelberg, Germany



Knowledge Partner



Organized by
**Department of Computer Science and
Engineering**

**Shri Ramdeobaba College of Engineering
and Management**

Gittikhadan, Katol Road, Nagpur, Maharashtra,
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About Nagpur

Nagpur city is second capital of the state of Maharashtra and it is a fast growing metropolis in this region. It has been ranked as the second greenest city of India. Being a major trade center of oranges that are cultivated in the region, it is popularly known as “Orange City”. Due to several tiger reserves around Nagpur, it is a center of attraction for wild-life lovers and is declared as the “Tiger Capital of India”. The geographical center of India is located at Nagpur and is recognized as “Zero Mile”.

About RCOEM

Shri Ramdeobaba College of Engineering and Management [RCOEM], Nagpur was established in 1984 and is the most sought after autonomous institute in central India. It is committed to excellence in technical education and research. The institute offers undergraduate, post graduate and doctoral programmes in engineering, management and computer applications. RCOEM is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur and majority of its programmes are accredited by National Board of Accreditation, New Delhi. The college has been awarded “A” grade by NAAC and ranks 113th in India based on the NIRF 2020 Ranking. RCOEM adheres to the highest ethical standards and professional integrity. The college has been selected as the top institution in Maharashtra by Rajiv Gandhi Science and Technology Commission (RGSTC) for the implementation of TIFAC project and MSME Internship scheme.

About Department

The department of Computer Science and Engineering was established in 2002 and currently offers four undergraduate B. E. programmes viz., Computer Science & Engineering, Data Science, Artificial Intelligence & Machine Learning, and Cyber Security. The department also offers a postgraduate (M. Tech.) and a Doctoral (PhD) programmes in Computer Science & Engineering. The UG programme is accredited by the National Board of Accreditation (NBA).

The department aims to continually improve the education environment to develop the graduates with strong academic and technical background and supports them in achieving distinction in the computing domain. The department has good interaction with Software Industries, Government Organization and Private Sectors around the region.

About the Conference

International Conference on Intelligent Systems, Data Science and Computing [ICIDC-2020] aims to bring together researchers in the field of data science, computational intelligence, machine vision, robotics and smart systems to exchange their latest achievements and discuss the future development in these areas. ICIDC provide an active platform for scientists, academicians, engineers, professionals, research scholars and students to present their latest research findings, ideas and applications in the domains falling under the scope of this conference. It will feature workshops, technical paper sessions and invited talks by eminent researchers.

Call for Papers

The prospective authors are invited to submit original research papers (not being considered for publication elsewhere) in the given conference template describing new theoretical and/or experimental research results, case studies in the following areas (but not limited to):

- **Intelligent Systems and Computing:** Internet of Things using cloud, Information Security, Embedded Systems, Real-time Systems, Cloud Computing, Big Data Analysis, Quantum Computing, Automation Systems, Brain Modeling and Simulation, Cyber-Physical Systems, Security aspects and applications, Intelligent Decision Making Systems, Intelligent Information Processing
- **Computational Intelligence:** Evolutionary Computing and Optimization, Bio-Inspired Intelligence, Cognitive Systems, Swarm Optimization, Neural network, Deep learning, Supervised learning and Unsupervised learning, Fuzzy Computing, Rough Sets, Computational Optimization, Neuro-Fuzzy Systems, Reinforcement Learning, Bayesian networks, Hybrid Systems.
- **Machine Vision and Robotics:** Artificial Intelligence for Machine Vision, Deep learning for visual information processing, Image & video forensic, Imaging Sensors Technology, Features Extraction, Color and Texture Analysis, Image Segmentation, Convolutional Neural Network, Biometrics Recognition, Biomedical Imaging, Image/Video processing and analytics, Image & video content protection, Soft Computing for Machine Vision, Pattern Recognition, Gesture Recognition, Action Recognition, Human-Computer Interaction, Robotic devices and systems, Autonomous vehicles, Intelligent control systems, Cooperating robots for manufacturing and assembly, Human motor control, Game playing, Image & video communication in the cloud.
- **Data Science and Applications:** Feature Selection, Hybrid Methods, Neural Networks, Deep Learning, Process Mining, Mobile data, Transparency in Research Data, Semantic Web Technologies, Big Data.

Publication Details

Presented papers will be submitted to the ESCI indexed (Web of Science) International Journal – “**Helix - The Scientific Explorer**” for further review and publication. Papers will be published provided they meet the journal quality standards.

Paper Length: Maximum **5 pages**, Body of Paper (i.e. text, figures, and tables) should be 3-4 pages maximum while reference should be 1 page maximum. For additional pages (above 5), authors will be required to pay INR 1,200 extra per page.

For paper to be published in the journal, at least one of the authors of every accepted paper should register and present the paper in the conference.

The publication and registration charges will be as follows.

Category	Early bird* (On or before Oct. 10, 2020)		Regular Submission (After Oct. 10, 2020)	
	INR	USD	INR	USD
Ph.D. Scholar / Academician	7,000	150	7,250	160
PG Scholar	6,500	125	6,750	135
Industry	8,000	200	8,250	210

All manuscripts (in Microsoft Word DOC or DOCX format) will be accepted through **EasyChair** conference system.

Submit your research papers at:

<https://easychair.org/conferences/?conf=icidc2020>

Important Dates:

Paper Submission	05 October 2020
Notification for Acceptance of Paper	15 October 2020
Registration & Camera Ready Paper Submission	30 October 2020
Conference Dates	27-28 November 2020

* Total charges inclusive of publication and registration fee with GST.

** Provided that one of the authors of the paper has registered by paying full registration fees which include publication fees also.

Conference Website: <http://icidc.rknec.edu>

For any queries contact us at: icidc@rknec.edu