



ICOECA

4th International Conference on Expert Clouds and Applications (ICOECA 2024)



Conference Date

18-19, April 2024

Important Date

**Full Paper Submission
Deadline**

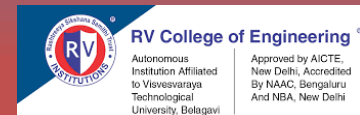
12 Jan, 24

Registration Deadline

18 Mar, 24

Organized by

**R V College of
Engineering
Bengaluru**



About ICOECA 2024

Recent years have witnessed that the knowledge-based systems have the ability to exhibit a higher level of intelligent performance as human experts. Expert systems help to solve the computationally complicated real-time applications by processing only the explicitly stated knowledge parameters. With new technologies like cloud computing, IoT, Sustainable computing it has been critical to meet the quality requirements of intelligent knowledge-based systems like expert systems. The emerging researches in the area of Artificial Intelligence, Expert Systems and computing technologies are changing the landscape of Intelligent Systems in real-time applications. This 4th International Conference on Expert Clouds and Applications [ICOECA 2024] is solely dedicated to discovering the new research insights on Artificial Intelligence, Big Data, Cloud Computing, Sustainability, Knowledge-based Expert Systems. Moreover, the conference seeks potential research submissions from all aspects including theoretical, practical, and experimental domains that pertain to the expert systems, sustainable clouds, and Artificial Intelligence [AI] technologies.

About College

Established in 1963 with three engineering branches namely Civil, Mechanical and Electrical, today RVCE offers 12 Under Graduate Engineering programmes, 16 Master Degree programmes and Doctoral Studies. Located 13 km from the heart of Bangalore City – the Silicon Valley of India, on Mysore Road. Sprawling campus spread over an area of 16.85 acres (16 acres & 34 guntas) set in sylvan surroundings. Provides an ideal ambience to stimulate the teaching-learning process, helping in bringing out skilled and disciplined Engineers. Rated one amongst the top ten self-financing Engineering Institutions in the country. Current annual student intake for Undergraduate Programmes & Post Graduate Programmes in Engineering is in excess of 1200. Highly qualified and dedicated faculty. Utilizes its expertise in various disciplines to conduct Research and Development for Industry and Defense establishments in the country.





Call For Papers

Track - 1

- Cloud Infrastructure as a Service
- Software/Process as a Service
- Everything as a Service
- AI and ML for cloud operations management
- Intelligent Storage & data architectures
- Software-defined network (SDN)
- Network function virtualization (NFV)
- Hybrid-clouds & multi-cloud integration
- Fault tolerance, high availability & reliability
- Secured and trustworthy cloud environments
- Cloud programming languages and models
- Predictive cloud service management

Track - 2

- Edge and cloud networking for 5G/6G
- HPC workflows for hybrid cloud
- AI for sustainable cloud operations
- Multimedia cloud computing
- Software engineering methods for cloud services
- Resource management and optimization
- Data management and distribution
- Blockchain driven cloud services
- Microservices in the cloud
- Mobile cloud networking
- Operational analytics and DevOps solutions
- IoT-Cloud Integration
- Deep edge and multi-access edge cloud



ICOECA

COMMITTEE



Patron

Sri. N. R. Panditharadhya

Vice President

Rashtreeya Sikshana Samithi Trust (RSST)

General Chairman

Prof. Andhe Dharani

Director & Professor

R V College of Engineering

Conference Chair

Prof. Deepika K

Department of MCA

R V College of Engineering

Local Chair

Prof. Usha J

Department of MCA

R V College of Engineering

Web Chair

Prof. B.H. Chandrashekar

Department of MCA

R V College of Engineering

Advisory Committee



- Prof. K.N.Subramanya, Principal, R V College of Engineering
- Prof. K.S Geetha, Vice-Principal, R V College of Engineering
- Prof. Shanmukha Nagaraj, Dean (Academics), R V College of Engineering
- Prof. B.V.Uma, Dean (Student Affairs), R V College of Engineering

Technical Program Chairs



- Prof. H N Narasimha Murthy, Dean (R&D), R V College of Engineering
- Prof. Andhe Dharani, Department of MCA, R V College of Engineering, India.
- Dr. Selwyn Piramuthu, Professor, University of Florida. USA.
- Dr Shaik Mazhar Hussain, Middle East College, Muscat.
- Dr. Talu Stefan, Professor, The Technical University of Cluj-Napoca, Romania.
- Dr. Ivan Izonin, Department of Artificial Intelligence, Lviv Polytechnic National University, Ukraine.
- Dr.I. Jeena Jacob GITAM University, Bengaluru, India

Technical Program Committee



- Dr. Badrul Hisham bin Ahmad, University of Leeds, UK.
- Dr. Y. Rama Devi, Chaitanya Bharathi Institute of Technology, Gandipet, Telangana, India.
- Dr. Manisha Patil, Indira College of Commerce and Science, Pune, India.
- Dr. Javed Akhtar Khan, IET Telangana, India.
- Dr. Sabyasachi Bhattacharyya, Barak Valley Engineering College, India.
- Dr. T.Sudha, N.S.S.College of Engineering, Palakkad, Kerala, India.
- Dr. G. Srivatsun, Sri Sai Ram Institute of Technology, Chennai, India.
- Dr. Mahesh D Goudar, MIT Academy of Engineering, Maharashtra, India.
- Dr. J.Mahalakshmi, Alagappa University, Karaikudi, India.
- Dr. Nayana P Shetty, NMAMIT, Nitte. Karnataka, India.
- Dr. Mukesh Kumar Tripathi, D. Y. Patil College of Engineering, Maharashtra, India.
- Dr. Ke-Lin Du, Concordia University, Montreal, Canada.



Manuscript Submission



publications

The proceedings of the conference will be submitted to Xplore and CSDL for possible publication.

<https://www.computer.org/conference/s/cps>

Indexing

Content will be submitted to the indexing companies for possible indexing. Indexing services are independent organizations, and CPS cannot guarantee that any particular abstract or index entry will be included in Ei Compendex or any other indexing service.

ICOECA 2024 invites unique, high-quality submissions that describe research and findings that contribute to advances in the conference scope

Paper submissions and reviews for **ICOECA 2024** will be handled

through info.icoeca@gmail.com.

Please submit your contributions in electronic format

Via info.icoeca@gmail.com

Contact Us

Prof. Deepika K

Department of MCA

R V College of Engineering

Bangalore,

India info.icoeca@gmail.com

[+91-8122367239](tel:+91-8122367239)



ICOECA