

International Conference
on
Communication, Image Processing and Computing
10 to 11 March 2025
(ICCIPC 2025)

Organized

by

Walchand College of Engineering, Sangli,

Maharashtra, India-416415

Email: iccipc@walchandsangli.ac.in

ABOUT WCE:

Walchand College of Engineering (WCE), Sangli, established in 1947, is a premier and autonomous engineering institution in Maharashtra and one of the oldest in the country. WCE is a government aided institution and well known for the academic quality of its Graduate and Undergraduate programs, which are accredited by NBA and NAAC with A grade. Since 2007 the college has been enhanced towards academic excellence by incorporating international level academic reforms in the curriculum and adopting contemporary practices like credit based semester system, continuous assessment and grading system , etc. Recently, it has yet again revamped its curricula and learning systems with the active engagement of international faculty and experts. WCE faculty is actively engaged in research activities funded by AICTE, DST, DRDO, BARC etc. and contributes in research publications. A large number of WCE alumni are working in leadership positions in academia, Government and Industry in India and abroad.

OBJECTIVE

ICCIPC 2025 provides a platform for research scholars for publication and for students to get the Knowledge about new technology. Communication systems, Image processing and computing deal with the use of techniques, methodologies in the design, development and assessment of information systems for different computing platforms and application environments.

The mission of this conference is to identify the new issues & directions for further research & development work.

ABSTRACT

The aim is to bring together worldwide leading researchers, developers, practitioners and educators interested in advancing the state of the art in computational intelligence and communication Networks for exchanging knowledge that encompasses a broad range of disciplines among various distinct communities. It is expected that researchers will bring new prospects for collaboration across disciplines and gain ideas facilitating novel breakthroughs. The theme for this conference is innovating and inspiring the researchers to adopt the outcome for implementation.

Significance of the Conference

The conference will provide an exceptional platform to the researchers to meet and discuss the utmost solutions, scientific results and methods in solving intriguing problems with people that are actively involved in these evergreen fields.

Conference Tracks:

Papers are invited in the following areas of interest, but not limited to
Topics of interest for submission include, but are not limited to,

Track 1 : Computational Intelligence

- Feedforward and Recurrent Neural Networks
- Fuzzy and Spiking Neural Networks
- Deep Neural Networks
- Reinforcement Learning
- Artificial Intelligence
- Machine Learning
- Genetic Algorithm
- Deep Learning
- Evolutionary Learning
- Neuro informatics and Bioinformatics
- Brain-machine and Human-computer Interface
- Bio-inspired Algorithms and Modelling
- Algorithms and Computational Theory
- Optimization in Autonomous Systems
- Data Mining for Big Data
- Services Image Processing
- Image Processing and Retrieval
- Pattern Recognition
- Feature Extraction
- Computer Vision System
- Signal Processing
- Multimedia Processing
- GIS System
- Business Intelligence

- Big Data Analytics
- Data mining
- Computational Intelligence for data
- Multimedia system applications
- data forensics
- Internet of things
- Cloud computing

Track 2 : Communications and Networks

- Wireless Communications
- Information Theory and Coding
- Internet of Things (IOT)
- Cloud and Edge Computing
- Quantum Computing and Communications
- Vehicular Networks
- Mobile Communications and Networks
- Cognitive Radio & Green Communications
- 5G and beyond Communications
- Machine Learning for Communications
- Signal Processing for Communications
- Smart Grid Communications
- Software-defined radio techniques
- VLSI system
- Digital System

Track 3 : Security and Privacy

- Authentication, Access Control, and Authorization
- Cyber Physical Systems security
- Cloud and Edge Computing security
- Blockchains and Distributed Ledger security
- Intrusion Detection and Prevention
- Machine Learning for Computer Security
- Wireless and Mobile Security/Privacy
- Security for Software-Defined and Data Center Networks
- Key Management, Public Key Infrastructures and Certification
- Malware Detection and Mitigation
- Internet Security: Protocols, Standards, Measurements

Track 4 : Applications of Computing

- Data Analysis
- Speech Recognition and Speech Production
- Robotics and Autonomous Vehicles
- Data Mining and Knowledge Discovery
- Applications in Multi-agent Systems and Social Computing
- Clinical and Medical Applications
- Biomedical Engineering Applications
- Power Systems and Smart Grids Management
- Applications in Controls, Electronics and other Engineering
- Optimization Methods and Techniques

Honorary Chairs

Hon. Mr. Ajit Gulabchand

(Chairman, Admin Council, WCE Sangli)

General Chairs

Prof. Rajendra B. Kakde

(Adviser-I, AICTE New Delhi)

Dr. Vinod M. Mohitkar

(Director, Technical Education Maharashtra)

Mr. Amol Chavan

(Member, Admin Council, WCE Sangli)

Dr. Uday A. Dabade

I\C Director, WCE Sangli

KEYNOTE SPEAKERS

(Updating soon.....)

ADVISORY COMMITTEE

(Updating soon.....)

Conference Chair

Dr. S. D. Ruikar

Technical Program Chairs

Dr. A. J. Umbarkar

Dr. R. R. Rathod

Dr. M. A. Shaha

Publication Chairs

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Prof. S. R. Khedkar, Prof. Ms. S. U. Patil

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Prof. Ms. S. Shaikh
Prof. Ms. P. D. Mundada
Prof. V. R. Mali
Prof. K. K. Khandagle

Important Dates

Paper submission: 31st January 2025

Notification of acceptance: 10th February 2025

Final paper submission & authors' registration: 15th February 2025

Conference dates: 10th - 11th March 2025

Publication

All submission will be peer reviewed, and all the accepted paper will be published in the **SCOPUS index Journal** (waiting for approval)

Submission Methods

Please submit full paper through easy chair login

(Updating soon.....)

Paper Submission Guidelines/Template

The following guidelines must be carefully followed.

1. Manuscript must be original and should not have been published/submitted previously/elsewhere.
2. The manuscript should be submitted and author's details should be mentioned in the beginning. The author should not be identified anywhere else in the article. The author's details should include full name, affiliation, e-mail address etc.
3. Manuscript must be written in English using MS-Word (doc or docx format).
4. Manuscript should contain minimum 4 pages to maximum of 8 pages.
5. Maximum of FOUR authors are allowed per paper.
6. The font should be "Times New Roman".
7. Be sure to include Index terms or Key words.
8. The Manuscript should be in a DOUBLE column format.
9. Plagiarism should be less than 15%.

For any inquiry about the conference, please feel free to contact us at :
iccipc@walchandsangli.ac.in

Registration Details

Registration fee includes the conference kit, refreshment and lunch for two days of the event.

Categories		Registration Fees
Author	Student / Research Scholar	Rs: 8000/-
	Academician/ Industry	Rs. 9000/-
Delegate	Student/ Research Scholar	Rs: 1000/-
	Academician/ Industry	Rs. 2000/-

Name of Account - WALCHAND COLLEGE OF ENGINEERING

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Or alternatively use QR Code for the payment of registration fees



Registration Form

Name of Participant: Prof./Dr./Mr/Ms/_____

Email Id : _____

Paper Title : _____

College/Industry Detail: _____

Category :
(Student/Research Scholar/Academician/Industry)

Address For Correspondence: _____

Contact no : _____

Payment Details : _____

Direct Transfer (QR Code)/ Bank Transfer details to be given

Bank Transfer/ QR Code (transaction id):

Bank:

Amount in Rs:

Date

Signature of Participant

Candidate shall email the scanned application form along with the payment/transaction details on iccipc@walchandsangli.ac.in before 15th February 2025

For Payment of registration fees use following details

Address for Correspondence

To,

General Chair, ICCIPC 2025

Conference Chair,

Walchand College of Engineering, Sangli,
Maharashtra, INDIA-416415

(www.walchandsangli.ac.in)

Email id: iccipc@walchandsangli.ac.in