



Silicon University



CCPIS

IEEE

# CCPIS 2025

2nd INTERNATIONAL CONFERENCE ON  
CIRCUITS, POWER, AND INTELLIGENT SYSTEMS

ସର୍ଜନ, ପାୱାର ଏବଂ ଇଣ୍ଟେଲିଜେଣ୍ଟ ସିଷ୍ଟମ୍ ଉପରେ ୨ୟ ଆନ୍ତର୍ଜାତୀୟ ସମ୍ମିଳନୀ

5<sup>th</sup>-7<sup>th</sup>

SEPTEMBER

Technical Sponsors  
IEEE KOLKATA SECTION  
IEEE BHUBANESWAR SECTION

For More Details  
visit [ccpis.in](http://ccpis.in)

## AIM OF THE CONFERENCE :

CCPIS 2025 aims to unite leading academic and industry researchers to exchange knowledge and present advancements in circuits, power, and intelligent systems. This hybrid-mode conference fosters interdisciplinary collaboration, featuring discussions on modelling, design, simulation, and practical applications. CCPIS 2025 will include internationally acclaimed keynote speakers, ensuring a platform for global participation. Accepted papers will be considered for inclusion in IEEE Xplore, adhering to its quality standards.





- Paper Submission Deadline  
May 18, 2025
- Notification of Acceptance  
July 13, 2025
- Author Registration  
July 01, 2025 - August 19, 2025
- Deadline to Camera-ready Submission  
August 17, 2025
- Date of Conference  
September 05-07, 2025

IMPORTANT DATES  
IMPORTANT DATES  
IMPORTANT DATES  
IMPORTANT DATES

For More Information  
**SCAN HERE**



## CALL FOR PAPERS

Technical papers are solicited on any subject pertaining to the scope of the conference including, but not limited to, the following major topics:

### Microelectronic Circuits & Systems Design

- Analog, Mixed Signal, and RF Circuits & Systems Design
- Digital VLSI System Design, Testing and Verification
- CMOS and Emerging Technologies
- Memory Circuits, Architectures, and Interfaces
- FPGA-based Designs
- Circuits, Signal Integrity, and IOs
- Nanoelectronics, Semiconductor Devices Modelling, & Circuit co-design
- Algorithms and CAD for Electron Devices and Circuit
- MEMS
- Sensors, Sensor based Systems & applications

### Network and Distribution Systems

- Multicore and processor architecture
- On-chip and multi-chip interconnection networks
- Biologically inspired massively parallel architectures
- Power-aware design and computing
- Networked sensor devices and systems
- Embedded systems design
- Real-time systems
- Service-Oriented Architecture (SOA) for embedded systems
- Network, cyber security and Cyber-physical systems design
- Blockchain, Cryptography and security solutions



## Multimedia and Signal Processing

- Signal Processing Systems and Applications
- Speech, Audio and Acoustic Signal Processing
- Statistical, Adaptive and Array Signal Processing
- Image, Video & Multimedia Signal Processing
- Radar and Sonar Signal Processing
- Bioinformatics and biomedical Signal Processing
- AI in Health Care

## Communication Network and IoT

- Wireless Communication, Networks and Security
- Vehicular, Ad-hoc and Cooperative Communication
- Optical Communication and Networks
- Cognitive Radio Networks
- 5G/6G, IoT Applications and Security Networks
- Low/High-Power Microwave Devices and Circuits
- Emerging trends in Antenna design
- Microwave Photonics and Optics

## Power, Energy, and Control

- Power Electronics and Drives
- Electrical Machines
- Renewable Energy and Storage Systems
- Power System Modelling, Operation, and Optimization
- IoT in Power System Applications
- Microgrid and Smart Grid
- High Voltage Engineering
- Robust, Adaptive, and Non-linear Control Systems
- Electric Vehicles and the Impact on the Grid
- Application of Data Analytics in Energy Management
- Hydrogen as a Future Energy Resource

## Intelligent Systems & Applications

- Data Analytics
- Machine Learning and Deep Learning
- Big Data Analysis and Algorithms
- Pattern recognition and Data Mining
- Natural Language Processing
- Social Network Analysis
- Image Processing, Computer Vision and Robotics
- Industry 4.0, HCI, and Automation



*The best-selected paper from each major topic will be awarded.*

## Publication and Submission

- All papers must be original, and not simultaneously submitted to another publication. Authors are requested to submit their papers in not more than 6 pages, prepared in the two column IEEE format (Check here for IEEE Conference Templates

<https://www.ieee.org/conferences/publishing/templates.html>)

- Similarity index below 20% is acceptable for review All accepted and presented papers will be submitted for inclusion into IEEE Xplore digital library subject to meeting IEEE Xplore's standards for scope and/or quality requirements

- Paper Submission Link

[https://ccpis.in/paper\\_submission/](https://ccpis.in/paper_submission/)



# 2nd INTERNATIONAL CONFERENCE ON CIRCUITS, POWER, AND INTELLIGENT SYSTEMS

5<sup>th</sup>-7<sup>th</sup> September 2025

ସର୍କିଟ୍, ପାୱାର୍ ଏବଂ ଇଣ୍ଟେଲିଜେଣ୍ଟ ସିଷ୍ଟମ୍ ଉପରେ ୨ୟ ଆନ୍ତର୍ଜାତୀୟ ସମ୍ମିଳନୀ

Category	Mode of Presentation	Early Bird		Regular	
		Non-IEEE Member	IEEE Member	Non-IEEE Member	IEEE Member
Industry / R&D / Academia/ Faculty	PHYSICAL	INR 8500	INR 8000	INR 9500	INR 9000
	ONLINE	INR 9500	INR 9000	INR 10500	INR 10000
Student/ Research Scholar	PHYSICAL	INR 7500	INR 7000	INR 8500	INR 8000
	ONLINE	INR 8500	INR 8000	INR 9500	INR 9000

Category	Mode of Presentation	Early Bird		Regular	
		Non-IEEE Member	IEEE Member	Non-IEEE Member	IEEE Member
Industry / R&D / Academia/ Faculty	PHYSICAL	\$ 225	\$ 200	\$ 250	\$ 225
	ONLINE	\$ 275	\$ 250	\$ 300	\$ 275
Student/ Research Scholar	PHYSICAL	\$ 175	\$ 150	\$ 200	\$ 175
	ONLINE	\$ 225	\$ 200	\$ 250	\$ 225

## FOR SPONSORSHIP & EXHIBITION OPPORTUNITIES

visit: [ccpis.in](http://ccpis.in)

For any queries, reach out to us at:  
[support.ccpis@silicon.ac.in](mailto:support.ccpis@silicon.ac.in)  
[ccpis@silicon.ac.in](mailto:ccpis@silicon.ac.in)

**Technical Sponsors**  
**IEEE KOLKATA SECTION**  
**IEEE BHUBANESWAR SECTION**

For More Details  
visit **[ccpis.in](http://ccpis.in)**