CALL FOR PAPERS

Dear Students, Academicians, and Practitioners,

We are happy to inform you that the International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT-2025 (Phase I) **https://www.ycce-act.com**, will be held during February 7-8, 2025 in Hybrid Mode at Yeshwantrao Chavan College of Engineering (YCCE) Nagpur, India. The ACT-2025 (Phase I) is jointly organized by the Institute of Doctors Engineers and Scientists (IDES) and YCCE.

International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT-2025 (Phase I), is an international conference where theory, practices, and applications of Computing, Control and Telecommunication in various domains of science and engineering such as civil engineering, computer science and information engineering, mechanical engineering, electrical engineering, electronics and telecommunication engineering, healthcare industry, and etc. and related topics are presented and discussed.

All the accepted, registered and presented papers will be published by the **Grenze Scientific Society** and it will be made available in the **GRENZE International Journal of Engineering and Technology (GIJET)**, and will be indexed in **Scopus.**

Authentic, ethical and original contributions from students, academicians, and practitioners describing their unpublished state-of-the-art research contribution which is not currently under review or not submitted to another conference, workshop or journal are invited to share their research work in all the areas of science, engineering, and technology and its applications in various domains. Original contributions are solicited on topics covered under broad areas such as (**but not limited to**):

Analog ad Digital devices and Services	Data Structures and Algorithms
Applied Statistics and Data Science	Digital Communication and Security
Artificial Intelligence, Deep Learning and Machine Learning	Digital Electronics
Autonomous Systems and Robotics	Digital Signal Processing
Big Data and Analytics	Expert and AI-enabled Systems
Bioinformatics and Scientific Computing	Field Theory
Bio-inspired Composite Materials	High Performance Computing
Biomechanics and Rehabilitation Engineering	High Voltage Engineering and Insulation Technology
Cloud Computing and Virtualization	Human-Robot Interaction
Communication Systems	Image and Video Processing, Computer Vision and Robotics
Compilers and Natural Language Processing	Industrial Automation and Control
Computational Intelligence in Various Domains	Information Systems and Retrieval
Computational Mathematics	Information Technology Application
Computational Physics and Simulation	Intelligent Systems and Approach
Computer Architecture and Embedded Systems	Internet of Things (IoT)
Computer Games and Animation	Knowledge Management
Computer Graphics, Modeling & Virtual Reality	Mathematical Modelling and Optimization

Computer Networks, Security, Cryptography & Distributed Computing	Mechatronics
Computer-aided Design and Manufacturing	Medical Imaging and Diagnostics
Computing and Control in Additive Manufacturing and 3D Printing	Microprocessor based Technologies
Computing and Control in Ergonomics and Human Factors	Mobile Computing and Multimedia Applications
Computing and Control in Fluid Mechanics and Heat Transfer	Operation Research and Optimization
Computing and Control in Project Management and Industrial Innovation	Parallel and Distributed Computing
Computing and Control in Quality Control and Process Improvement	Power System Planning and Scheduling
Computing and Control in Supply Chain Management	Power System Protection, Operation and Control
Computing and Control in Thermodynamics and Energy Systems	Quantum Mechanics and Quantum Computing
Computing in Geotechnical and Earthquake Engineering	Semiconductor Technology
Computing in Structural Engineering and Mechanics	Smart Cities and Urban Development
Computing in Transportation Engineering and Traffic Management	Software Architecture and Engineering
Computing Practices & Applications in Various Domains	Telecommunication Technologies
Control Theory and Application	Telemedicine and Health Informatics
Cybersecurity and Blockchain Technology	VLSI Technology
Data Communications, Compression and Encryption	Wearable Health Monitoring Systems

IMPORTANT DATES

Paper Submission:	31 December 2024
Acceptance Notification:	31 December 2024
Camera Ready Paper Submission:	15 January 2025
Registration:	15 January 2025
Conference Date:	07-08 February 2025

If this call for paper is not of your area of interest; please forward to students, academicians, and practitioners who is working in this area.

Thanking you and Best Regards,

Organizers,
ACT-2025 (Phase I)