

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.vcce-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Authentic, ethical and original contributions from students, academicians, and practitioners describing their unpublished state-of-the-art research contribution which is not currently under review or not submitted to another conference, workshop or journal are invited to share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)**:

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| Analog and 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 |

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| 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

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|---------------------------------------|---------------------|
| Paper Submission: | 20 December 2024 |
| Acceptance Notification: | 30 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)