

## Track Details (But not limited to)

### TRACK 1 : SIGNAL PROCESSING & IMAGE PROCESSING

Pattern Recognition & Analysis, Robotics & Computer Vision, Underwater Signal Processing, Education in Signal Processing, Image Compression & Segmentation, Multimodal Signal Processing, Audio & Video Quality Assessment, Image Processing, Multirate Signal Processing, Statistical Signal Processing, Biomedical Signal Processing

### TRACK 2 : EVOLUTIONARY COMPUTING

Fuzzy logic, Natural Language Processing, Artificial Intelligence & Artificial life, Cognitive Psychology, Game theory & applications, Genetic Algorithm, Bio-inspired Hardware & Networks, Nature Inspired Computation.

### TRACK 3 : DISTRIBUTED COMPUTING & CLOUD COMPUTING

Mobile ad-hoc Networks, Mobile Identity Management, Security access Policies, Network Security Management, Privacy-respecting Authentication Issues, Wireless Communication, Sensor Networks, Data Communication, Distributed & Parallel Computing, Grid & Cloud Computing, Cloud Quality Management & Service level Agreement, High performance Cloud Computing, Green Computing

### TRACK 4 : SOFTWARE ENGINEERING & INFORMATION SYSTEMS

Component based and Service oriented software systems. Software Engineering, Reliability and Testing, Information retrieval & Security, Knowledge Engineering & Management, Information ,System modeling and Simulation Techniques.

### TRACK 5 : GREEN COMPUTING & INTERNET OF THINGS

Climate and Ecosystem Monitoring, Energy Harvesting, Storage, and Recycling, Energy Saving Solutions and Tradeoffs, Power-aware Algorithms and Protocols, Renewable Energy Based Algorithms, Smart Buildings, Eco-friendly Computing & Green Cloud Computing IoT Business Models and Case studies, Green IoT, IoT Architectures, Platforms and Applications, Mobile IoT, Security, Privacy and Trust, The Smart City, Web of Things

### TRACK 6 : HARDWARE DESIGN & COMMUNICATION

Business Analytics, Logic based Planning, VLSI Designing, Modeling, Simulation & Automation, Process Monitoring, Biomedical Informatics; Integrating & Mapping Biomedical Ontology's, Bioinformatics, Genomics, Proteomics, Health Informatics Reliability & Fault Tolerance

### TRACK 7: COMPUTING IN MECHANICAL ENGINEERING

Computing in Metallurgical and Materials Engineering, Thermal Engineering, CAD/CAM, Manufacturing Technology, Automobile Engineering, Aerospace Engineering, Robotics, Industrial Engineering.

### TRACK 8: TECHNOLOGY IN ENGINEERING

Digital Resources for Classroom, Concept of Blended Learning, Development of Tech Infrastructure, Online Evaluation, Blooms Technology, Role of ICT & Open Educational Resources, Modern Technologies in Ed-Tech Field.

### TRACK 9: APPLIED SCIENCE/HUMANITIES

Applied Physics, Applied Chemistry, Applied Mathematics, Humanitarian Applications of science, Ancient Indian Literature, Vaidic Mathematics. Astro-Physics

## Advisory Committee

Prof. V. C. Bhavsar, University of New Brunswick, Canada  
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## 5th International conference on Communication and Information Processing (ICCIP-2023)

09 -10 JUNE 2023

## Patron

Shri. Krishanrao Bhegade  
Shri. Sanjay Bhegade  
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## Program Chair

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Dr. Digvijay Patil, NCER Pune



ESTD : 1906

## NUTAN MAHARASHTRA VIDYA PRASARAK MANDAL'S NUTAN COLLEGE OF ENGINEERING & RESEARCH

Under administrative support of Pimpri Chinchwad Education Trust (PCET)

Approved By AICTE- New Delhi, Government of Maharashtra and

DTE Mumbai

Affiliated To Dr. Babasaheb Ambedkar Technological University (BATU),

Lonere -Raigad-India

## About the University

Dr. Babasaheb Ambedkar Technological University was established by Govt. of Maharashtra in 1989. It has become an Affiliating university of the entire state from March 2016. At present, the University conducts six M. Tech. and eight B. Tech. programmes in various disciplines. The university also conducts Ph.D. programmes in various disciplines of Engineering, Sciences and Humanities. 150 colleges/institutes are presently affiliated with the University. The University has four regional centres and five sub-regional centres to cater the educational and Research requirements of all corners of Maharashtra State. The University extends its services to the society through various government schemes by educating the dropouts and empowering them with technical skills. The University has a status of Mentoring ATU under TEQIP-III twinning program. Recently, it has established the teacher training centre under PMMMTT, MHRD-India. educa-

## About Nutan College of Engineering & Research Talegaon Dabhade-Pune-India

The Nutan Maharashtra Vidya Prasarak Mandal established Nutan College of Engineering and Research & Technology in year 2018 with a primary objective to provide Industry Integrated technical education. The society has a legacy of great historians being an integral part with Shri Lokmanya Tilak and Shri Annasaheb Vijapurkar being our Founder Members. NMVPM is a highly respected, well established and successfully operating education society for 116 years in Maharashtra. The organization has 14 institutions with senior, junior colleges and CBSE Schools under its ambit.

Nutan Trust has been privileged to receive administrative support from the highly prestigious Pimpri Chinchwad Education Trust (PCET), which is a trusted brand in education since 1990. PCET with a mission to serve the society, industry & all stake holders through value added quality education in the fields of Engineering, Management, Architecture, Polytechnic, Computer Applications & School Education ranging from KG to Ph.D.

The infrastructure facilities and state-of-the-art equipments combined with a galaxy of competent, talented and dedicated faculty contribute to an enjoyable learning experience. Due to its strategic location of being situated at the industrial hub of Pune, students get access to high quality technical education through immersive industrial experiences.

## About the Conference

The Nutan College of Engineering and Research (NCER), Pune-India, takes immense pleasure in organizing an International Conference on Communication and Information Processing (ICCIIP-2023).

This conference will provide a forum to academic researchers, practicing engineers, and industry experts to present and discuss their recent work, technical advancements, and new products.

Main objective of ICCIP-2023 is to provide a platform for the community of researchers and practicing engineers to meet and present their latest technical achievements in the area of Communication Engineering and Information Processing. The thrust of the conference is to initiate a global discussion on the next generation technologies to ease the life of mankind, irrespective of their social and economical strata.

We warmly welcome all authors to submit your research papers to ICCIP-2023, and share the valuable experiences with the scientist and scholars around the world.

## Paper Submission Guidelines

- ◆ Simultaneous submissions (papers already submitted to other conferences/journals) are not allowed.
- ◆ All papers must follow the conference template strictly for the submission. Violation of which leads to rejection of the paper.
- ◆ **The author's identity such as name, affiliation and e-mail address need to be provided in Easy Chair Account. No identity information shall be included in the initial paper.**
- ◆ Please do not submit plagiarized papers. **A similarity of 15% (Turn-It-In/ iThenticate verification) will be considered for review process.**
- ◆ **Maximum number of authors per paper shall not be more than Five.**
- ◆ **Paper Length: Up to 8 pages, including figures, tables & references.**
- ◆ **For each extra page an additional charge of INR 500 per page, to be paid during author registration.**
- ◆ File Size Limitation: 5.0MB.
- ◆ No page numbering on the manuscript is allowed.

## Publication

All accepted, registered and presented papers will be published in **Elsevier-SSRN Series e-Journals**, indexed in ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and EI/Springer link (Approved).

## UG Student Colloquium

Best paper Award will be given to the UG Author paper.  
**The First author must be a bonafide UG student.**

## Full Paper Submission

Full papers can be submitted at :<https://easychair.org/conferences/?conf=iccip2023>

## Registration

Registration Fee includes Conference kit, Full Paper Proceedings, refreshment and lunch for two days. List of selected paper will be published on conference website [www.iccip2023.in](http://www.iccip2023.in)

### #Registration Fee Details:

Registration Type	Early Registration	Late Registration
Academia	INR 5,000 USD 90	INR 6,000 USD 100
PG/Ph.D. Students	INR 4,000 USD 70	INR 5,000 USD 90
Industry Personnel	INR 6,000 USD 115	INR 7,000 USD 130
UG Students	INR 3500 USD 50	INR 4200 USD 70
Attendee	INR 2,000 / USD 42	
Co-Author *	INR 2,000 / USD 35	

## Important Dates

Last Date for Full Paper Submission 25 May 2023  
Paper Acceptance Notification 30 May 2023  
Final Deadline for Registration 02 June 2023

## Contact Us

Conference Web Site: [www.iccip2023.in](http://www.iccip2023.in)

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