

International Advisory Committee

- Ashish Mahabal**
Center for Data Driven Discovery, Caltech, USA
- Carlos Coello Coello**
UNSW School of Engineering and Information Technology and CINVESTAV, Mexico
- Gang Li**
Deakin University, Australia
- Javier Finat**
University of Valladolid, Spain
- K. N. Bhanu Prakash**
Signal and Image Processing Group, SBIC, Singapore
- Kai-Lung Hu**
National Taiwan University of Science and Technology, Taiwan
- Kittur Nagesh**
Cognito Networks, Inc., San Francisco, USA
- Mogyorósi Péter**
LC Innoconsult International, Hungary
- Rajkumar Buyya**
University of Melbourne, Australia
- Ricardo Vilalta**
University of Houston, USA
- Vaskar Raychoudhury**
Miami University, Ohio, USA

National Advisory Committee

- A. G. Ramakrishna**
IISc Bangalore, India
- Ashwin Srinivasan**
BITS Pilani K K Birla Goa Campus, India
- Basavaraj Garadi**
Robert Bosch Engineering and Business Solutions, Bangalore, India
- Bhabotosh Chanda**
ISI Kolkata, India
- Bimal Roy**
CRSI Kolkata, India
- C. Pandurangan**
Professor Emeritus, IIT Madras, India
- D. Manjunath**
IIT Bombay, India
- D. S. Suresh**
CIT Gubbi, India
- Debobrato Das**
IIT Bangalore, India
- Devendra Jalihal**
IIT Madras, India
- G N Krishnamurthy**
BNMIT Bangalore, India
- H. C. Nagaraj**
NMIT Bangalore, India
- H. R. Mahadevaswamy**
JSS Mahavidyalaya, JSS Technical Institutions, Mysore, India
- Harish Mysore**
India Operations, IEEET, India
- K. V. S. Hari**
IISc Bangalore, India
- Kartik Muralidharan**
TCS Research Labs, Bangalore, India
- M. Aswatha Kumar**
Christ University, Bangalore, India
- M. H. Kori**
IETE Bangalore, India
- M. K. Venkatesh**
RNSIT Bangalore, India
- M. N. Vidyashankar**
Ex-Principal Secretary to Govt. of Karnataka, Bangalore, India
- Mahadeva Prasanna**
IIT Dharwad, India
- Nithin Nagaraj**
NIAS Bangalore, India
- P. K. Saxena**
DRDO New Delhi, India
- P. Nagabhushan**
IIT Allahabad, India

About JNN College of Engineering (JNNCE)

In the year 1946, a dedicated group of philanthropists and freedom fighters established the National Education Society ® (N.E.S.). It was the collective vision of these individuals that transformed the quality of education in the region. Today, the NES is known as a formidable achiever in the field of education, managing 39 educational institutions in various fields – Engineering, Pharmacy, Arts, Commerce, Education, Law, Applied Sciences, Management, and etc. In the year 1980, JNNCE was established by National Education Society ®. The college has more than three decades of fruitful existence. The College is approved by Government of Karnataka and AICTE, affiliated to Visvesvaraya Technological University (VTU), Belgaum, Accredited by NAAC 'A' & Certified by UGC 2f & 12b and Seven UG programs are accredited by NBA. A preferred destination of students seeking technical education, the institution offers BE degree in 10 branches namely Civil Engg., Mechanical Engg., Electrical & Electronics Engg., Electronics & Communication Engg., Computer Science & Engg., Information Science & Engg., Electronics and Telecommunication Engg., Artificial Intelligence & Machine Learning, Robotics & Artificial Intelligence, Data Science(Computer Science), 2 PG Courses, namely M. Tech in Computer Science & Engg and Transportation Engg. & Management, MCA and MBA, besides M.Sc. (Engg.) and Ph.D. in Nine disciplines. Spread over a sprawling campus of 39.4 acres having all amenities to cater to the needs of about 3500 students and 400 staff members, the institution is reputed for its high-caliber faculty, excellent infrastructure, academic environment and placement. Around 17000 graduates and post-graduates have so far passed out from this College and have been making significant contributions in academic institutions, industry R & D organizations and Government Departments in India and abroad. The institution has, in the recent past, organized several conferences.

For more details about the college, please log on to www.jnnce.ac.in

About the Conference

International Conference on Multimedia Processing, Communication and Information Technology – MPCIT 2024, will be held during December 13-14, 2024 in JNN College of Engineering Shimoga, Karnataka, India. MPCIT 2024 is to bring together innovative academic and industrial experts in the field of Electronics, Telecommunication, Computer Science, and Information Technology to a common forum.

The primary goal of the conference is to promote research and development activities in Multimedia Processing, Communication and Information Technology. Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working in India and abroad. The conference will be an ideal platform for people to share views and experiences in Information, Telecommunication, Computing Techniques and related areas. The conference is aimed at providing a platform to all researchers to interact, share their research findings and to discuss their research ideas with the co-researchers from all over the world. It also provides an opportunity to highlight recent developments and to discuss future directions on these exciting fields.

There will be Keynote lectures by experts in various fields will inspire the researchers and provide an exposure to various aspects and an opportunity for discussions with distinguished experts. It is earnestly hoped that the conference will be of great success in bringing more researchers together.

Researchers from various research laboratories, industries, academia and the research scholars pursuing their Doctoral / Masters Work are invited to present their original work and participate in MPCIT-2024, a two day event in the academic and serene environments of JNNCE, Shimoga.

The MPCIT 2024 conference is organized by Electronics & Communication engineering department of JNNCE.

- S. Sadagopan**
IIIT Bangalore, India
- Snehanshu Saha**
BITS PILANI K. K. Birla Goa Campus, India
- T Srinivas**
Indian Institute of Science, Bangalore, India
- Vishwas Lakhundi**
IEEE Computer Society, Bangalore Chapter, India

General Chairs

- Y. Vijaya Kumar**, JNNCE Shivamogga, India
Vasudeva Acharya, NMAMIT, Nitte, India

Steering Committee

- Alok Nath De**, Samsung R&D Institute, Bangalore, India
Anindya Saha, Tejas Networks Bangalore, India
Bindumadhava, C-DAC Bangalore, India
Chengappa M R, HP, Bangalore, India
Divya M G, IEEE Bangalore Section, India
Niranjan N. Chiplunkar, NMAMIT Nitte, India
Niranjan U. C., Manipal Dot Net Pvt. Ltd., Manipal, India
P. Deepa Shenoy, UVCE, Bangalore, India
Puneet Misra, ISRO Bangalore, India
Pushparaj Shetty, NITK Surathkal, India
Sujatha D N, BMSCE, Bangalore, India

Program Chairs

- Abhishek Appaji**, BMSCE, Bangalore, India
Manjunatha P, Dean Academics, JNNCE, Shivamogga, India
Mohit P. Tahliani, NITK, Surathkal, India
Poornim K M, JNNCE Shivamogga, India
Poornalatha G, MIT, Manipal
Venugopala P S, NMAMIT Nitte, India

Organizing Chair

- S. V. Sathyanarayana**, JNNCE Shivamogga, India

Publication Chairs

- R. Sanjeev Kunte**, JNNCE Shivamogga, India
S Pramod Kumar, JNNCE Shivamogga, India
Sheela S, JNNCE Shivamogga, India
Cifha Grecil Saldanha, NMAMIT Nitte, India

Finance Chairs

- Ajay Betur P**, JNNCE Shivamogga, India
Sourav Kanthi Addya, NITK Surathkal, India

Registration Chairs

- Darshan K V**, JNNCE Shivamogga, India
Prema K N, JNNCE Shivamogga, India
Sathyanarayana S, JNNCE Shivamogga, India
Shwetha B, JNNCE Shivamogga

Technical Program Committee Chairs

- Ashwini B**, NMAMIT Nitte, India
Ashwini S R, JNNCE, Shivamogga
Manjula G R, JNNCE Shivamogga, India
Narendra K C, NMAMIT Nitte, India
Shivaprakash K S, NMAMIT Nitte, India

Organizing Committee

- Faculty member of E & C Department**, JNNCE, Shivamogga

Conference Coordinators

- S. Pramod Kumar**, JNNCE Shivamogga.
Sheela S, JNNCE, Shivamogga

Call for Papers

MPCIT 2024 is an international conference where theory, practices, and applications of Multimedia Processing, Communication and Information Technology and related topics are presented and discussed. Original contributions are solicited on topics covered under broad areas such as (but not limited to):

Multimedia Processing

Multimedia communication and networking, Multimedia systems, applications and services, Next generation communications, multimedia and networking systems, Media generation and integration; Multimedia analysis and understanding; Multimedia security, Signal processing theory and applications, Image Processing, #d Point Cloud Processing, Video processing and related topics

Communications

Data Communications, Data Compression, Data Encryption, Information Theory Coding and modulation, Spread spectrum, Sustainable wireless communications, Mobile and cellular communications, MIMO and space time communications, Cooperative relay communications, Cognitive science, Wireless communications and networking, Microwave circuits and systems, Antennas and propagation, Array Signal Processing, Software radio; EM/EMC; other topics in Communications

Information Technology

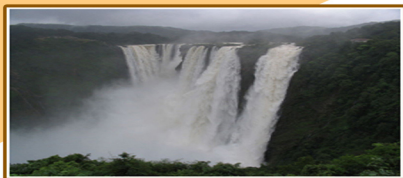
Artificial Intelligence & Machine Learning, Data Science, Broadband & Intelligent networks, Computational Intelligence, Data Base Management, Data Mining and Data fusion, E-Commerce & E-government, E-Health & Biomedical applications, E-Learning & E-Business, Fuzzy, ANN & Expert Approaches, Grid and Cluster Computing, ICT & Banking, Software Engineering and Formal Methods, Systems & Software Engineering, Web Engineering, Internet applications & performances, Knowledge Based Systems and Other topics in Information, Health Care & Robotics Technology

Prospective authors are invited to submit full (and original research) papers (which is NOT submitted/published/under consideration anywhere in other conferences/journal) in electronic (PDF only) format through the easy chair conferences management system website.

For more details about the conference, please visit <https://jnnce.ac.in/mpcit2024>

About Shivamogga

Shimoga (known locally as Shivamogga) is a city in Shimoga District in the central part of the state of Karnataka, India. It lies on the banks of the Tunga River and is the administrative headquarters of the district. According to the Shimoga City Municipal Corporation, the city has a total area of about 50 km². The climate is tropical wet and dry summer average temperature 20–35 °C (68–95 °F). Shimoga is a part of a region known as Malnad (land of hills) in Karnataka. Most/all these hills are part of the Western Ghats, a region known for plentiful rainfall and lush greenery and declared as a World Heritage site by UNESCO.



Conference Venue

The MPCIT 2024 international conference is scheduled to be conducted in Hybrid Mode at J N N College of Engineering Campus, Shivamogga, Karnataka, India.

National Education Society (R.),



J N N College of Engineering Shivamogga – 577 204

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12b, Accredited by NAAC – A, UG programs: C.E, M.E, EEE, ECE, CSE, ISE, ETE and PG Course: MBA accredited by NBA 1.7.2022 to 30.6.2025, Recognized by Govt. of Karnataka and Affiliated to VTU, Belgaovi)

Internal Quality Assurance Cell



Fourth International Conference on “Multimedia Processing, Communications and Information Technology”



Organized by

Department of

Electronics & Communication Engineering

in association with
JNNCE IEEE Students Branch
IEEE ComSoc Students Chapter
IETE, Shivamogga Centre

on

13 – 14, December, 2024



IMPORTANT DATES AND TIMES:

Submission Deadline: 10th July 2024

Acceptance Notification : 18th September 2024

Last date for Camera Ready Copy Submission: 2nd October 2024

Last Date for Registration: 9th October 2024

Conference dates: 13 – 14, December, 2024

General Information and Registration Fee Details

- Registration fees for different categories are provided in the following table. Kindly Register in the appropriate category.
- Student attendees/authors must produce their "Institute ID Cards" for registering under the category of Student Author/Attendee
- Authors claiming subsidized registration fees under the category of IEEE Author/IEEE Student Author must produce valid IEEE membership card
- At least one of the authors of every accepted paper must pay the Author Registration fees and present the paper during the Conference.
- Papers not presented at the Conference will not be included in the Final Program and will not be submitted to IEEE Xplore® digital library as per IEEE no-show policy.
- All accepted and presented papers will be submitted for the possible inclusion in IEEE XPLORE digital library.
- If more than one author of an accepted paper wish to attend the conference, all such authors need to register separately by paying applicable registration fee as attendees
- Please note that, additional authors (other than those who are included in the manuscript submitted for review) cannot be added to the camera ready paper.
- Only authors from India are allowed to pay the registration fee in Indian rupees.
- Authors have to complete the registration process before uploading the camera ready paper and e-copyright form as per the given final dates

Registration Type	Indian Author	Foreign Author
Regular Author (Industry)	INR 9500	USD 300
Regular Author (Academia)	INR 7000	USD 250
IEEE Author	INR 6000	USD 200
Student Author	INR 5000	USD 200
IEEE Student Author	INR 4000	USD 160
Regular Attendee	INR 2000	USD 100
Student Attendee	INR 1500	USD 75

Paper Submission

All full papers submitted will be subjected to a review process through an international review panel. Comments of the reviewers will be directed to the authors four weeks prior to the Camera Ready Paper Submission deadline so that they can be accommodated in the camera ready papers. The Full paper should not be more than 6 pages (maximum) and the paper format is double column style. All submissions (PDF format) can be submitted through the Microsoft Conference Management Tool (CMT) paper submission system