



**VIT**<sup>®</sup>  
**BHOPAL**  
[www.vitbhopal.ac.in](http://www.vitbhopal.ac.in)



INTERNATIONAL CONFERENCE ON  
**DATA COMPUTATION AND  
COMMUNICATION (ICDCC)**

**29-30 November, 2024 | Hybrid Mode**

Organized by  
School of Computing Science  
Engineering & Artificial Intelligence,  
VIT Bhopal University

## ABOUT THE CONFERENCE

The "International Conference on Data Computation and Communication" (ICDCC) is a significant event in the field of data science, computation, and communication technology. Conferences like these typically bring together researchers,

academics, industry experts, and practitioners from around the world to discuss and exchange ideas on the latest advancements, trends, and challenges in the field. The technical program includes keynote speeches, plenary talks, regular technical sessions, and special sessions.



## ABOUT THE UNIVERSITY

VIT Bhopal University is part of the Vellore Institute of Technology (VIT) group of institutions, offering a range of undergraduate, postgraduate, and doctoral programs. Established in 2017, it is recognized by the University Grants Commission (UGC) and located in Bhopal, Madhya Pradesh, India. The university offers a diverse range of undergraduate, postgraduate, and doctoral programs across fields such as engineering, management, computer applications, science, and humanities. These programs are designed to meet industry demands and prepare students for global careers. The curriculum is crafted to include theoretical foundations as well as practical applications, ensuring holistic development and employability. VIT Bhopal University prides itself on its state-of-the-art infrastructure, equipped with modern facilities including classrooms, laboratories, libraries, sports complexes, and residential accommodation. The

campus provides a conducive environment for learning, research, and extracurricular activities. The university places a strong emphasis on research and innovation, encouraging faculty and students to engage in cutting-edge research projects. It fosters a culture of interdisciplinary collaboration, enabling students to explore cross-functional opportunities and solutions. In addition to academic excellence, VIT Bhopal University focuses on holistic development through various co-curricular and extracurricular activities. It promotes cultural diversity and inclusivity, providing platforms for students to showcase their talents and participate in events that enrich their overall experience. Collaborations with industry partners ensure that the curriculum remains relevant and aligned with current industry trends. This partnership also facilitates internships, guest lectures, and placement opportunities, enhancing students' practical knowledge and employability.



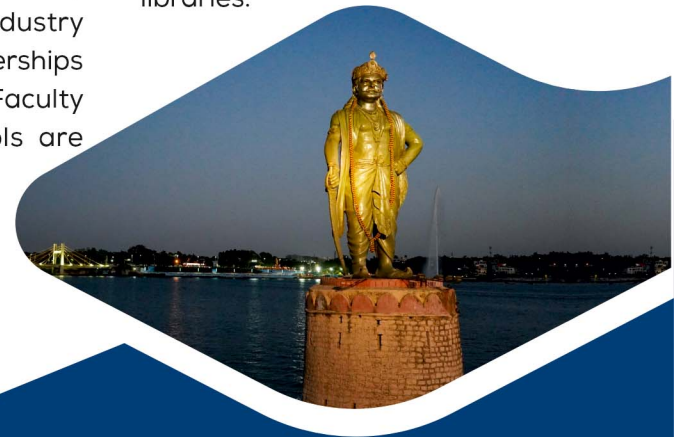
## ABOUT THE SCHOOL

The School of Computing Science Engineering and Artificial Intelligence (SCAI) typically refers to an academic department or division within a university that focuses on disciplines related to computing, computer science, engineering, and artificial intelligence. Focuses on the delivery of computing services (such as servers, storage, databases, networking, software, and more) over the internet (the cloud). This

includes understanding cloud architectures, virtualization, cloud security, scalability, and the management of cloud resources. With the rise of AI as a transformative technology, schools often have dedicated focus areas or departments within SCAI that specialize in AI. This includes machine learning, deep learning, natural language processing,

computer vision, robotics, and ethical considerations in AI. SCAI school typically engage in cutting-edge research to advance knowledge and solve real-world problems. Research may include projects funded by government agencies, industry collaborations, and partnerships with other universities. Faculty members in SCAI schools are

typically experts in their respective fields, often engaged in research, publishing papers in peer-reviewed journals, and contributing to conferences and workshops. Schools provide academic advising, career counselling, and resources to support student success, including access to state-of-the-art labs, computing facilities, and libraries.



## ABOUT BHOPAL CITY

Bhopal, the capital city of Madhya Pradesh in central India, is renowned for its rich history, cultural diversity, and natural beauty. It's known as the "City of Lakes" due to its picturesque lakes such as Upper Lake and Lower Lake, which offer

recreational activities like boating. Bhopal has a blend of Hindu, Muslim, and Jain communities, contributing to its vibrant cultural scene and festivals. The city features architectural landmarks like Taj-ul-Masajid and Shaukat Mahal, showcasing a mix of Islamic, Hindu, and European influences.

## CALL FOR PAPERS

ICDCC 2024 invites contributions in the following streams, but not limited to:

- Data Computation
- Data Communication
- Applications of Data Computation and Communication
- Technological Advances and Innovations
- Interdisciplinary Perspectives

## PUBLICATION & AUTHOR GUIDELINES

- Authors are encouraged to submit full papers within a 6-page limit in IEEE PDF Xpress compatible pdf format.
- Extra charges are applicable for papers exceeding 6 pages (a maximum of 8 pages).
- All submitted papers will be checked for plagiarism through the IEEE Cross-Check system.
- All registered and presented papers will be submitted to IEEE for possible publication in IEEE Xplore digital library



## REGISTRATION CHARGES

Delegate	Fee (incl. Tax)
Indian Academia/Industry Authors	₹8000
Indian Student Authors (UG/PG/Research scholar)	₹6000
Foreign Academia/Industry Authors	\$250
Foreign Student Authors (UG/PG/Research scholar)	\$200
Attendee	₹3000



## IMPORTANT DATES

Call for Paper Opens	July 25, 2024
Submission Deadline	August 25, 2024
Acceptance Notification	Sept 20, 2024
Early Registration Deadline	October 15, 2024
Conference Date	29-30 Nov, 2024



## REGISTRATION GUIDELINES

- ICDDC 2024 accepts three types of Registrations: Full Author, Co-author and Attendees.
- Full Author registration is for presenting the accepted paper in the conference.
- Authors who are not presenting can register as Co-author.
- All other listeners of the conference can register as Attendees.
- It is mandatory that at least one of the authors should register in order to include the paper in the technical programme.
- If an author has got more than one accepted paper, each paper has to be registered separately.
- Maximum page limit of a paper is 6 pages in IEEE PDF Xpress compatible pdf format.
- The papers exceeding 6 pages (a maximum of 8 pages) should pay extra page charge of Rs.1000/- (Indian authors) or 20 USD (Foreign authors)



### CHIEF PATRON

**Hon'ble Dr. G. Viswanathan**

Founder & Chancellor, VIT University

### PATRONS

**Mr. Sankar Viswanathan**

Vice President  
VIT Bhopal University

**Ms. Kadhambari S. Viswanathan**

Vice President  
VIT Bhopal University

### CO-PATRONS

**Dr. Senthil Kumar Arumugam**

Vice Chancellor  
VIT Bhopal University

**Dr. Debashish Adhikari**

Registrar  
VIT Bhopal University



## INTERNATIONAL ADVISORY COMMITTEE

**Prof. Hua Wang**, Professor,  
Victoria University, Melbourne,  
Victoria, Australia.

**Prof. Ing. Klaus David**,  
University of Kassel, Germany

**Prof. Valentina Emilia Balas**, Aurel  
Vlaicu University of Arad, Romania

**Prof. Mahdi Rezaei**,  
University of Leeds, UK

**Prof. Dr. Joy long Zong Chen**, Da-Yeh  
University, Changhua County, Taiwan

**Prof. Atilla Elçi**, Hasan Kalyoncu  
University, Turkey

**Prof. Dian Tjondronegoro**,  
Griffith University, Brisbane,  
Queensland, Australia

**Prof. Yew Soon Ong**, Nanyang  
Technological University, Singapore

**Dr. Mohammad Mahtab Alam**, King  
Khalid University Abha, Saudi Arabia

**Prof. Rajkumar Buyya**,  
University of Melbourne, Australia

**Mr. Manivannan P**, Vice President,  
Technology Manager,  
Bank of America, Singapore

**Mr. Raghuram Nanda**,  
Technical Architect- Accenture,  
Englewood, Colorado, US

**Prof. Anand Paul**, Kyungpook  
National University, South Korea

**Dr Hari Pandey**, Bournemouth  
University, UK

**Dr. Xavier Fernando**,  
Toronto Metropolitan University,  
Ontario, Canada

**Prof. Subramaniam Ganesan**,  
Oakland University Rochester, USA

**Dr. Vinod Pangaracious**,  
American University, Dubai

**Dr. Balakrishnan Prabhakaran**,  
The University of Texas at Dallas, USA

**Dr. Vipul Goyal**, Senior Scientist,  
Carnegie Mellon University, USA

**Ms. Anjali Shankwar**, Manager -  
Data Platforms, New South Wales,  
Australia



## NATIONAL ADVISORY COMMITTEES

**Prof. Debasis Samanta,**  
IIT Kharagpur, India

**Prof. Sandeep Kumar,**  
IIT Roorkee, India

**Dr. Sateesh K. Peddoju,**  
IIT Roorkee, India

**Dr. Adarsh Patel,** IIT Mandi, India

**Prof. Bhupesh Kumar Lad,** IIT Indore

**Prof. Narendra Chaudhari,** IIT Indore

**Prof. Pramod Kumar Singh,**  
IIITM, Gwalior, India

**Prof. Joydip Dhar,** IIITM, Gwalior, India

**Dr. Rahul Kala,** IIITM Gwalior, India

**Dr. Sanjeev Sharma,** Indian Institute of  
Information Technology, Pune, India

**Dr. Mahendra Pratap,** Indian Institute of  
Information Technology, Pune, India

**Prof. Jagdish Chand Bansal,** South  
Asian University, New Delhi, India

**Prof. Lalit Kumar Awasthi,** Professor  
and Director, NIT, Hamirpur

**Prof. Mahesh Chandra Govil,**  
Director, NIT Sikkim

**Prof. Durga Prasad Mohapatra,**  
NIT, Rourkela

**Prof. R.K. Pateriya,** NIT Bhopal, India

**Prof. Deepak Singh Tomar,**  
NIT Bhopal, India

**Prof. P. Santhi Thilagam,**  
NIT Suratkal, India

**Prof. Somasundaram Kumanan,**  
NIT, Tiruchirappalli

**Dr. Chandra Prakash,**  
NIT, Surat, India

**Dr. Surendiran B,**  
NIT Puducherry, India

**Dr. Sangita Roy,** Thapar University,  
Patiala

## LOCAL ADVISORY COMMITTEES

**Dr. Poonkuntran S,**  
Executive Dean, VIT Bhopal

**Dr. Pon Harshavardhanan,**  
Dean-SCAI, VIT Bhopal

**Dr. Pushpinder Singh Patheja,**  
Dean-SCOPE, VIT Bhopal

**Dr. M. Suresh,**  
Dean SEEE, VIT Bhopal

**Dr. Hemant Kumar Nashin,**  
Dean SASL, VIT Bhopal

**Dr. Sheetal Sharma,**  
Dean SOA, VIT Bhopal

**Dr. Prasad Begde,** Dean, VIT-BS

**Dr. Siddhartha Maiti,**  
SBET, VIT Bhopal

**Dr. S. Balaguru,**  
Dean, SMEC, VIT Bhopal

## GENERAL CHAIR

**Dr. Poonkuntran S,**  
Executive Dean, VIT Bhopal

**Dr. Pon Harshavardhanan,**  
Dean-SCAI, VIT Bhopal

**Dr. Pushpinder Singh Patheja,**  
Dean-SCOPE, VIT Bhopal

## CONFERENCE CHAIR

**Dr. Hemraj S. Lamkuche,**  
SCAI, VIT Bhopal





## CONVENERS

**Dr. Virendra Singh Kushwah**  
SCAI, VIT Bhopal University

**Dr. M. Manimaran**  
SCAI, VIT Bhopal University

**Dr. G. Prabu Kanna**  
SCAI, VIT Bhopal University

**Dr. Ganeshan R**  
SCAI, VIT Bhopal University

## JOINT CONVENERS

**Dr. Rajdeep Singh Payal**  
SASL, VIT Bhopal

**Dr. Saurav Prasad**  
SASL, VIT Bhopal

**Dr. Sayed Mohammed Zeeshan**  
SASL, VIT Bhopal

**Dr. Siddhartha Maiti**  
SBET, VIT Bhopal

**Dr. Soumya Sankar Ghosh**  
SASL, VIT Bhopal

**Dr. Shiv Manjaree Gopaliya**  
SMEC, VIT Bhopal



**VIT<sup>®</sup>**  
**BHOPAL**  
[www.vitbhopal.ac.in](http://www.vitbhopal.ac.in)

## VIT Bhopal University

Bhopal-Indore Highway, Kothrikalan  
Sehore, Madhya Pradesh - 466 114  
Phone: +91 / 07560350900 / 901 / 902  
[www.vitbhopal.ac.in](http://www.vitbhopal.ac.in)