

## INTERNATIONAL ADVISORY BOARD

**Prof. Atma Ram Sahu**, Copin State University, Baltimore MD, U.S.A  
**Prof. Bharatendra K. Rai**, University of Massachusetts - Dartmouth  
**Prof. John Haywood**, Victoria University of Wellington, New Zealand  
**Prof. Kailash C. Patidar**, University of the Western Cape, SA  
**Prof. Kedar Nath Uprety**, Institute of Science & Technology, Nepal  
**Mr. Nikhil Singhal**, Foster City, California U.S.A  
**Ms. Pragati Agarwal**, San Francisco, California U.S.A  
**Prof. Pedro Lima**, Instituto Superior Technio, Portugal  
**Prof. Ravi P. Agarwal**, Texas A&M University- Kingsville, USA  
**Mr. Rishi Gulati**, Vice President IT, Bristol Myers Squibb, NY, USA  
**Prof. Tadashi Dohi**, Hiroshima University, Japan  
**Prof. Stefanka Chukova**, Victoria University of Wellington, NZ  
**Prof. Sharifah Kartini bte Said Husain**, Universiti Putra Malaysia

## NATIONAL ADVISORY BOARD

**Mr. Abhishek Agarwal**, Telecom Powergrid, Dehradun, Uttarakhand  
**Dr. Akshay Kumar Ojha**, IIT, Bhubneshwar, Odisha  
**Prof. Anju Khandelwal**, Sri Balaji University, Pune, Maharashtra  
**Dr. Anurag Singh**, NIT Delhi  
**Prof. Anuradha Sharma**, IIIT, Delhi  
**Prof. Avnish Kumar**, Bundelkhand University, Jhansi, Uttar Pradesh  
**Prof. B. P. Chamola**, JIIT University, Noida, Uttar Pradesh  
**Prof. Balasubramaniam Jayaram**, IIT, Hyderabad, Telangana  
**Prof. Gakkhar Sunita**, Indian Institute of Technology, Roorkee, Uttarakhand  
**Dr. Harendra Kumar**, Gurukul Kangri University, Haridwar  
**Prof. K. K. Shukla**, IIT, BHU, Uttar Pradesh  
**Prof. Kamal Kumar**, Babamastnath University, Rohtak  
**Dr. Manoj Kumar**, Gurukul Kangri Deemed University, Uttarakhand  
**Dr. Manu Pratap Singh**, IET, Dr. B. R. Ambedkar University, Agra, Uttar Pradesh  
**Prof. Nita H. Shah**, Gujrat University, Gujrat  
**Prof. Pankaj Gupta**, Delhi University, Delhi  
**Prof. Peeyush Chandra**, Retired IIT, Kanpur, Uttar Pradesh  
**Prof. Pijus Kanti De**, NIT, Silchar, Assam  
**Prof. Prawal Sinha**, Retired IIT, Kanpur, Uttar Pradesh  
**Prof. Ram Avtar**, HBTU, Kanpur, Uttar Pradesh  
**Prof. Ram Naresh Tripathi**, HBTU, Kanpur, Uttar Pradesh  
**Dr. Rajendra K. Ray**, IIT, Mandi, Himachal Pradesh  
**Prof. S. B. Singh**, GBPU of Agriculture & Technology, Uttarakhand  
**Prof. S. R. Singh**, Meerut University, Meerut, Uttar Pradesh  
**Prof. S. Sundar**, IIT, Madras, Tamilnadu  
**Prof. S. U. Siddiqui**, HBTU Kanpur, Uttar Pradesh  
**Dr. Sanjeev Malik**, IIT Roorkee, Uttarakhand  
**Prof. Sarla Pareek**, Banasthali University, Rajasthan  
**Prof. Satish Chand**, NSIT, Delhi  
**Prof. V. K. Katiyar**, Retired IIT, Roorkee, Uttarakhand  
**Prof. Vijay Gupta**, NSUT, Delhi

## CONFERENCE SECRETARIAT

### CHIEF PATRON

**Dr. Preeti Bajaj**

Director General, KIET Group of Institutions,  
Delhi-NCR, Ghaziabad

### PATRONS

**Dr. Anil K. Ahlawat**

Director Academics, KIET Group of Institutions,  
Delhi-NCR, Ghaziabad

**Dr. Manoj Goel**

Joint Director, KIET Group of Institutions,  
Delhi-NCR, Ghaziabad

### CO-PATRON

**Dr. Akhilesh Kumar Mishra**

Advisor (Research & Development)  
KIET Group of Institutions, Ghaziabad

### CONVENER

**Dr. C. M. Batra**

Assoc. Dean (B. Tech. I Year & Applied Sciences)  
Prof. & Head- Applied Sciences,  
KIET Group of Institutions, Delhi-NCR, Ghaziabad

**Dr. Rashid Ali**

Head- B. Tech. I Year, (Group-2)  
KIET Group of Institutions, Delhi-NCR, Ghaziabad

### CO-CONVENERS

**Dr. Ritu Gupta** (Professor, Mathematics, KIET, GZB)

**Dr. Ekata** (Professor, Mathematics, KIET, GZB)

**Dr. Sachin Kumar** (Professor, Mathematics, KIET, GZB)

### ORGANIZING SECRETARIES

**Dr. Neelam Sharma** (Assoc. Prof. KIET, GZB)

**Dr. Kuldeep Sharma** (Assoc. Prof. KIET, GZB)

**Dr. Pinky Saxena** (Assoc. Prof. KIET, GZB)

**Dr. Dharendra Kr. Sharma** (Assoc. Prof. KIET, GZB)

**Dr. Ajay Dixit** (Assoc. Prof. KIET, GZB)

**Dr. Deepti Seth** (Assoc. Prof. KIET, GZB)

**Dr. Manisha Sharma** (Assoc. Prof. KIET, GZB)

### JOINT SECRETARIES

**Dr. Pramod Kr. Sharma** (Asst. Prof. KIET, GZB)

**Dr. Barkha Rohtagi** (Asst. Prof. KIET, GZB)

**Dr. Archana Sharma (I)** (Asst. Prof. KIET, GZB)

**Dr. Richa Agarwal** (Asst. Prof. KIET, GZB)

**Dr. Archana Shama II** (Asst. Prof. KIET, GZB)

**Dr. Sanjay Garg** (Asst. Prof. KIET, GZB)

**Dr. Deepti Goel** (Asst. Prof. KIET, GZB)

**Dr. Sonal Nirwal** (Asst. Prof. KIET, GZB)

**Dr. Garima Bisht** (Asst. Prof. KIET, GZB)

**Dr. Annu Rani** (Asst. Prof. KIET, GZB)

## ICSCMM-24

### 4<sup>th</sup> International Conference

on

## Soft Computing and Mathematical Modelling (IN HYBRID MODE)

(December 21-22, 2024)



**Department of Applied Sciences**  
(Accredited by NAAC with "A+" Grade)  
**Delhi-NCR, Meerut Road (NH-58),**  
**Ghaziabad-201206, UP, INDIA**

**Scopus Indexed Publication Partner**



**In association with ISTE Faculty &  
Student Chapter, KIET Group of  
Institutions**



**For further details and registration kindly  
visit our website:**

<https://www.kiet.edu/icscmm.as/>

**Contact us:**

[icscmm.as@kiet.edu](mailto:icscmm.as@kiet.edu)

**09873725677 09410638178**

**09411927994 09897533206**

## INSTITUTE

KIET Group of Institutions, established in 1998 by the members of Krishna Charitable Society, stands out as one of the premier engineering colleges in Delhi-NCR, India. Boasting a student body of 7500+ individuals and a robust alumni network of 19000+ students worldwide, it has emerged as a leader in technical education. Committed to providing skill-oriented and value-based education, KIET nurtures young minds and fosters a conducive learning environment. Its Engineering, Computer Applications, Pharmacy, and Management programs are accredited by the NBA, while the institute itself holds a Grade 'A+' accreditation from NAAC, a testament to its exceptional faculty and high placement records.

The Department of Applied Sciences envisions instilling a strong scientific temperament in students by imparting knowledge across various disciplines such as Physics, Chemistry, Mathematics, and Environmental Science, tailored to meet global demands. It aims to refine students' personalities and prepare them for success in the corporate world by equipping them with scientific skills and a blend of intellect and aptitude.

## ABOUT THE CONFERENCE

Science and technology have become indispensable part of our daily lives. Today's significance in data science, artificial intelligence and machine learning is continuously expanding and accord numerous challenges for researchers. International conference of soft computing and mathematical modeling (ICSCMM-24), endeavors to explore decisive technical domains in the field of Soft Computing, Simulation and mathematical modeling, Bio mathematics, data science, artificial intelligence and many more, which hold diverse applications in contemporary environments and promise valuable resources for future research. ICSCMM-24 offers beneficial platform for worldwide academicians, researchers, scientists, and industrial professionals, to converge and sharing knowledge, innovative ideas, and problem-solving techniques. Furthermore, its dynamic program featuring involves invited talks, oral presentations, enthusiastic participants to contribute and ensuring it as a unique and prestigious event.

## GHAZIABAD

The city is named after the founder, Ghazi-ud-din. Initially known as Ghaziuddinnagar, now named as Ghaziabad. It is edged by Meerut city to the north, by Gautam budh Nagar and Bulandshahar to the south, by the Jyotibaphuli Nagar district to the east and by Delhi to the south west. The three principle rivers traversing the district are the Yamuna, Ganges and Hindon. The average temperature during the month of December ranges between 9°C to 23°C.

### LOCATION MAP



## ACCOMMODATION

Accommodation may be provided on request in advance (on payment basis). For further assistance, kindly contact at [icscmm.as@kiet.edu](mailto:icscmm.as@kiet.edu).

## CALL FOR PAPERS

Original contribution are solicited on the topics covered under the following broad areas, but not limited to:

- Software Reliability
- Algebra and its Applications
- Computational Complexity Theory
- Structural Engineering
- Probability Statistics and Stochastic Process
- Artificial Intelligence and Machine Learning
- Computational and Financial Mathematics
- Computational Bio Mathematics
- Computational Bio Mechanics
- Application of Fuzzy Theory
- Computational Fluid Dynamics
- Operator Theory and Wavelets Analysis
- Computational Numerical Methods for Differential Equations
- Computational Optimization and Approximation
- Computer Communication Networks
- Data Engineering
- Fractional Calculus
- Industrial Mathematics
- Information and Coding Theory
- Inventory Optimization
- Mathematical and Computational Physics
- Mathematical Modelling and Computational Techniques
- Neural Network and Genetic Algorithms
- Distributed Computing System
- Applications of Game Theory
- Realistic Computer Graphics
- Scientific Computing and Simulation
- Signal System and Image Processing
- AI in Mathematical Optimization and Decision Making
- Soft Computing in Complex Mathematical System
- Applications of Discrete Mathematics
- Theory of Computation

## PUBLICATION ETHICS

Authors are requested to submit original papers (not published or presented earlier) in MS Word as well as PDF format (refer Conference website) through email on the following mail id: [icscmm.as@kiet.edu](mailto:icscmm.as@kiet.edu). Once manuscript id is assigned, kindly send your camera ready manuscript by the name of manuscript id assigned to your paper. The acceptance of the paper implies that at least one of the authors will present the paper. Selected peer reviewed papers will be published in SCOPUS indexed conference proceedings.

### Mode of Paper Presentation: Oral/Poster/Hybrid

**Publication Opportunity:** Author interested in publication of their paper in SCOPUS indexed AIP conference proceedings will have to bear actual publication charge at their own. For further details, visit conference website: [ICSCMM-24 Paper Submission Guidelines](#). Kindly submit your manuscript according to the format of AIP Conference proceedings ([AIP Template](#))

## IMPORTANT DATES

Receipt of full length paper	December 10, 2024
Intimation of Acceptance	December 12, 2024
Receipt of camera ready paper	December 15, 2024
Last date for registration	December 15, 2024
Conference dates	December 21-22, 2024

## REGISTRATION FEE ON OR BEFORE DECEMBER 15, 2024

CATEGORY	National Delegates	International Delegates
	Amount (INR)	Amount (USD)
Industry Participants	3000	100
Academic Institute Participants	2000	60
Research Scholar/ Student/ Attending only	1500	30

## MODE OF PAYMENT

Payment through Demand Draft drawn in Favour of KIET GROUP OF INSTITUTIONS Payable at GHAZIABAD/ DELHI.

### Online Payment through NEFT/RTGS:

	For National Delegates (INR)	For International Delegates (USD)
Name	KIET Group of Institutions	Krishna Institute of Engineering & Technology
A/C Number	508011003720	125601000763
IFSC Code/ SWIFT Code	KKBK0005295	ICICINBBCTS
Bank Name	Kotak Mahindra Bank	ICICI Bank, Ltd.
Branch	Navyug Market, Ghaziabad 201001	Plot No. 270, Ambedkar Road, Opp. Nehru Yuva Kendra, Ghaziabad 201001