INTERNATIONAL ADVISORY BOARD

Dr. Mohammad Zubair Khan Taibah University, Saudi Arabia

Er. Ankur Rana Concept Software & Services Inc.

Alpharetta Georgia USA

Stairwell Inc. San Francisco, Er. Shel Sharma

California, USA

Dean, SOEEC ASTU, Adama, Dr. Teklu Urgessa

Ethiopia

ASTU, Adama, Ethiopia Dr. Mesfin Haile Dr. Tilahun Melak Sitote ASTU, Adama, Ethiopia Dr. Triveedula Gopi Krishna ASTU, Adama, Ethiopia

NATIONAL ADVISORY BOARD

Prof. Raghuraj Singh HBTU, Kanpur Prof. Shekhar Verma IIIT Allahabad Prof. D K Lobiyal JNU. New Delhi **Prof. Mayank Dave** NIT Kurukshetra Prof. K V Arva IIITM, Gwalior Prof. Rajeev Srivastava IIT BHU, Varanasi KNIT, Sultanpur Prof. A K Malviya MJPRU, Bareilly

Prof. Ravendra Singh

Prof. Sanjay Jasola VC, Graphic Era Hill University,

Dehradun

Prof. S D Samantaray GBPUAT, Pantnagar

BBA Central University, Lucknow Prof. Vipin Saxena

MNNIT Allahabad Prof. D S Kushwaha Prof. H L Mandoria GBPUAT. Pantnagar

Prof. Neelendra Badal Director, REC, Bijnor

Prof. S S Bedi MJPRU, Bareilly **Prof. Vinay Rishiwal** MJPRU, Bareilly

Prof. MH Khan IET, Lucknow

Sharda University, Greater Noida Prof. Parma Nand

KIET, Ghaziabad Prof. Shailesh Tiwari

Prof. Rizwan Khan Galgotia University, Greater Noida

Prof. Arvind Kumar Tiwari KNIT, Sultanpur Prof. Abdul Rehman BIT, Bhopal

SRMIST, Chennai Prof. Ram Kumar

Prof. Sanjay Kumar Malik SRM University, Haryana

Prof. Narendra Kholi HBTU, Kanpur Dr. Peddoju Sateesh Kumar IIT Roorkee

Dr. Upendra Nath Tripathi **DDU Gorakhpur University**

Dr. Karan Singh JNU, New Delhi Dr. Brajesh Kumar MJPRU, Bareilly

Dr. Mayank Aggarwal Gurukula Kangari University,

Haridwar

Dr. Narendra Kumar BBAU, Lucknow Dr. Awadhesh Kumar KNIT, Sultanpur Dr. Akhtar Husain MJPRU, Bareilly

Chandigarh University, Chandigarh Dr. Rahul Rastogi

Dr. Raj Shree UIET Babasaheb Bhimrao Amedkar

DESU, New Delhi

University, Lucknow

CONFERENCE SECRETARIAT

CHIEF PATRON

Shri Dev Murti li Chairman, SRMS Trust

PATRON

Shri Aditva Murti Secretary, SRMS Trust

Dr. Mamta Jain

Er. Subhash Mehra SRMS Trust Advisor

ORGANIZING COMMITTEE

DIRECTOR CONFERENCE

Prof. (Dr.) Prabhakar Gupta Dean Academics

CONVENER

Dr. Wazih Ahmad (7983688650)

ORGANIZING SECRETARY

Er. Hiresh Kumar Gupta (9458702423)

Dr. Jyoti Agarwal (7906432074)

Dr. Shahjahan Ali (9458704117)

Er. Ashish Agrawal (9259509555)

SHRI RAM MURTI SMARAK COLLEGE OF ENGINEERING & TECHNOLOGY **BAREILLY (U.P.)**



INTERNATIONAL CONFERENCE

Advances in Computing

ICAC-2024

ISBN Number 978-93-5996-448-5



Organized by:

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SHRI RAM MURTI SMARAK COLLEGE OF ENGINEERING & TECHNOLOGY

Ram Murti Puram, 13 Km. Bareilly-Nainital Road, Bareilly - 243202 (U.P.) India Phone: 0581-2582246/49

Conference Email: icac2024@srmscet.edu Conference Website: www.srms.ac.in/cet/icac-2024 Follow us: (7) (in 🔛 😈



ABOUT THE INSTITUTE

Shri Ram Murti Smarak College of Engineering and Technology is a pioneer institute established in 1996 by Shri Dev Murti to advocate the inspiring principles of his father Late Shri Ram Murti Ji- A man with a vision and a man with a mission. The vision of SRMSCET is "The education of people for professional careers, carried out in a professional way". The college envisions to inculcate principle oriented technical education among students to build a promising future and to give better human beings to the world. The College has an independent residential campus spread over 35 acres of land with all amenities. The college has demonstrated perennial evidence of merit and quality by achieving a respectable position among all parallel private and government colleges of Dr. A.P.J. Abdul Kalam Technical University, Lucknow (UP). It is growing by leaps and bounds in terms of infra-structural facilities and human capital not only to fulfill the requirements of the current technological status but also to set itself as teaching and research center of eminence in future.

ABOUT BAREILLY

Bareilly is situated at 250 km equidistant East from Delhi and West from Lucknow on NH-24. Among the places of interest in the vicinity are Dudhwa National Park, Nainital, Ranikhet, Jim Corbett Park, Akalkhnath Temple and 150 years old Bareilly College, IVRI, CARI, MJPRU are the important institutions located in Bareilly. Bareilly is also famous for its Zari work, Cane Furniture and Surma.

ABOUT THE CONFERENCE

It gives us immense pleasure to inform you that an International Conference on Advances in Computing (ICAC-2024) is going to be held on 24th Feb, 2024 at our campus. This conference aims to bring together researchers, academicians, industry professionals, and students from around the world to share and discuss the latest advancements, trends, and challenges in the field of computing. ICAC-2024 will provide a platform for fruitful exchanges of ideas, collaboration opportunities, and dissemination of cutting-edge research outcomes.

CONFERENCE OBJECTIVES:

- To Provide a platform for researchers and practitioners to present and discuss their latest research findings and innovations in various areas of computing.
- To Foster interdisciplinary collaborations and networking opportunities among participants from academia, industry, and research organizations.
- To Explore emerging trends, challenges, and opportunities in the field of computing and its applications in diverse domains.

• To Facilitate knowledge sharing and dissemination of best practices in computing technologies, methodologies, and applications.

Best Regards, ICAC-2024 Organizing Team

CALL FOR PAPERS

In the view of continuously growing importance of Computer Science in almost every field of technology, ICAC-2024 is focusing on high quality research papers in the following major disciplines but not limited to:

CONFERENCE TOPICS (NOT LIMITED TO):

- · Artificial Intelligence and Machine Learning
- Big Data Analytics and Data Science
- · Cloud Computing and Distributed Systems
- Cyber security and Privacy
- Internet of Things (IoT)
- Natural Language Processing and Computational Linguistics
- Human-Computer Interaction and User Experience
- High-Performance Computing and Parallel Processing
- Software Engineering and Development Methodologies
- Computer Vision and Pattern Recognition
- · Computer Graphics and Virtual Reality
- Quantum Computing
- Blockchain Technology
- Virtual / Augmented Reality
- Robotics

Submission of Paper:

 Authors are requested to submit their original papers in IEEE format (not published or presented earlier) in Word format only through easy chair conference link given below.

Easy Chair Paper Submission Link: https://easychair.org/conferences/?conf=icac2024

- The corresponding author must certify that all the data presented in his/her paper has been acquired in keeping with recognized ethical research practices and should be plagiarism free.
- The paper acceptance notification will be send to the corresponding authors for presentation only.

Mode of Paper Presentation: Hybrid only for International participants.

Note:

 Few selected papers will be published in web of Science/ SCOPUS/ UGC care list/ peer reviewed journals after the conference as per the journal guidelines. For further details, visit conference website given below:

https://www.srms.ac.in/cet/icac-2024

 Authors of the selected papers will be requested for additional fee payment as per the journal's guidelines (if applicable).

IMPORTANT DATES

Abstract submission deadline:

25th December, 2023

Abstract acceptance deadline:

01st January, 2024

Full length Paper submission deadline:

25th January, 2024

Notification of acceptance of full length paper:

01^{at} February, 2024

Online registration starts from:

01^{at} February, 2024

Last Date of registration:

10th February, 2024

REGISTRATION FEE

Category	National	International
	Amount (INR)	Amount (USD)
Industry Delegates	2500	100
Faculty	2000	80
Research Scholars	1500	50
Students	1000	30



QR Code or Link for Registration : https://forms.gle/NgsSVKPSW5UhFyq6A

Payment Mode : Online/NEFT

Bank Name : Punjab National Bank

Account Number : 52241010000080

Account Holder Name: Engineering SRMSCET, Bareilly

IFSC Code : PUNB0522410

Branch Name/Address: SRM Medical Smarak Trust, Bareilly

Uttar Pradesh

Pin Code : 243202