

29TH INTERNATIONAL CONFERENCE

on

GLOBAL ISSUES IN MULTIDISCIPLINARY RESEARCH FOR A DIGITAL FUTURE

16th to 18th February 2025
(Hybrid Mode)

Jointly Organized by

SCHOOL OF BASIC SCIENCES

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY

KANPUR (208024), UTTAR PRADESH, INDIA

(Accredited with Grade A++ by NAAC | UGC Category-I University)

&

FORUM FOR ADVANCE TRAINING

EDUCATION AND RESEARCH (FATER)

ACADEMY OF INDIA



ABOUT THE UNIVERSITY



The Chhatrapati Shahu Ji Maharaj University (CSJMU) Kanpur, has been on the map of higher education for more than Five decades. Established in 1966, it has not looked back, now it has more than 616 affiliated colleges in seven districts. Chhatrapati Shahu Ji Maharaj University stands as a hallmark of higher education. It was accredited with A++ Grade by NAAC in 2023. It is an educational community where students of various religions and cultural backgrounds study and work together in a congenial atmosphere. The university is geared to provide maximum scholastic benefit to each individual student. The undergraduate and post-graduate programmes in all disciplines of Art, Science, Commerce, Law, Engineering and Medicine are offered in affiliated colleges and institutions, the residential wing of the campus includes faculties of Atal Bihari Vajpayee Department of Legal Studies, School of Advanced Agriculture Sciences and Technology, School of Arts, Humanities and Social Sciences, School of Basic Sciences, School of Creative and Performing Arts, School of Engineering and Technology (UIET), School of Languages, School of Business Management, School of Hotel Management, School of Health Sciences, School of Pharmaceutical Sciences, School of Life Sciences and Biotechnology and School of Teacher Education. CSJMU signed 20 International MoU with Malaysia, Nepal, Bangladesh, Russia, turkey, Puerto Rico, USA etc. to enhance student exchange and research collaboration during past three yeears.

About The

SCHOOL OF BASIC SCIENCE

School of Basic Sciences (SBS) was formed in 2021. It promotes faculty and doctoral research, consultancy, training and outreach activities. The Physics, Chemistry, mathematics, Geography and Environment departments are running under the School of Basic Sciences, CSJM University Kanpur. All the departments were established in 1996. In realizing the vision of development of high quality education and research, The School of Basic Sciences proposes to offer Bachelors, Masters and Ph.D. programs in Physics, Chemistry, Mathematics, Geography, Environment and Information Technology in order to nurture young minds towards scientific challenges. We aim and are committed to impart quality education in order to enhance student's interest towards basic sciences. Our School plays a vital role in teaching basic sciences courses as prescribed by the curriculum It has of the University Campus as per National Education Policy (NEP-2020). SBS has More than 1000 students and many research scholars engaged in different courses and also multitalented, qualified 40 faculty members and many staff members.

About The

FATER ACADEMY OF INDIA (FAI)

Forum for Advanced Training in Education and Research Academy of India (FAI) functions under the FATER Trust registered at Kanyakumari (Dist.), Tamilnadu,India. Members of FAI are eminent university and college Professors, Technocrats, Scientists, Social scientists, Professionals and renowned persons from various walks of life who believe in academic excellence and knowledge sharing. The goal of FAI is to promote knowledge Society interactive programs in an interdisciplinary manner to address a number of societal problems with the relevant knowledge, practices, and sensitivities across the country and universally. The FAI is striving hard to provide scientific temper among youth by regularly organizing various programs such as International Conferences, Seminars, Symposia and workspace on subjects of current national all across the country organizing various activities to provide skill and training to the youth in the irrespective regions in all major areas.

About The **CONFERENCE**

The 29th International Conference on Global Issues in Multidisciplinary Research for a Digital Future (29th FAI - ICGIMRDF 2025) will be organized by School of Basic Sciences, CSJM University Kanpur, India during 16th to 18th February 2025. This conference will feature a comprehensive technical program including several special sessions. The goal of ICGIMRDF 2025 is to provide an outstanding forum for academicians, researchers, practitioners, policymakers, and students to exchange ideas, techniques and tools, raise awareness, and share experiences related to all practical and theoretical aspects of digital future. ICGIMRDF 2025 focuses on issues and solutions involving global issues in multidisciplinary research for a digital future. Developments in the field of digital technology are very complex and advance rapidly as changes occur on day-to-day basis. It is very difficult to make it available to all stakeholders (researchers, academicians, students, industrialists and society). Hence, the objectives of the conference are: To provide a platform for stakeholders to meet and share ideas, views and new findings in the field of contemporary global issues related to digital future. To strengthen the relationship with FAI and CSJMU and, with the rest of the world. To provide a space for students and researchers to meet, discuss, and learn with experts in the related field. To promote a high level of interaction among stakeholders in theoretical, experimental, and applied concepts in the field digital future.

CHIEF PATRON

Prof. Vinay Kumar Pathak
Vice Chancellor, CSJM University, Kanpur.

PATRONS

- Prof. Sudhir Kumar Awasthi
Pro Vice Chancellor, CSJM University, Kanpur.
- Prof. Rajesh Kumar Dwivedi
Director, SBS, CSJM University, Kanpur.
- Prof. Sudhanshu Pandiya
Dean, IRAC and Administration, CSJM University, Kanpur.
- Prof. Brishti Mitra
Director, UIET, Dean of Academic, CSJM University, Kanpur.
- Dr. Anil Kumar Yadav
Registrar, CSJM University, Kanpur.

CONVENER

- Dr. Anju Dixit
Deputy Director, School of Basic Sciences, CSJM University, Kanpur.
- Dr. Namita Tiwari
Hod, Department of Mathematics, School of Basic Sciences,
CSJM University, Kanpur.

ORGANIZING SECRETARIES

- Dr. Amit Virmani
- Dr. Indresh Kumar
- Dr. Durgesh Singh
- Dr. D.K. Singh
- Dr. P.N. Pathak
- Dr. Shikha Shukla

ORGANIZING COMMITTEE

- Dr. Raghwendra Singh
- Dr. Dhannanjay Dey
- Dr. Rashmi Dubey
- Dr. Yogesh ChandrA
- Dr. Awanish Bajpeyi
- Dr. Izhar Ali Khan
- Dr. Arpit Dwivedi
- Dr. Prabal Pratap Singh
- Dr.Droupti Yadav
- Dr.Pravin Agarwal
- Dr. Ratna Shukla
- Dr. Shivam Omar
- Dr. Arpit Dwivedi
- Dr. Sandeep Kumar Porwal

INTERNATIONAL COORDINATION COMMITTEE

- Prof. Georgios Thanasas
Director of MSc Tax and Financial Services Digital Transformation,
Department of Management Science and Technology,
University of Patras, Greece
- Dr. Anna Laszkiewicz
Associate Professor, Marketing and Management Department,
University of Lodz, Poland
- Dr. Nazim Hajiyev
Director- UNEC Business School, Azerbaijan State University of Economics,
Baku, Azerbaijan
- Prof. Sheng-Lung Peng
Department of Creative Technologies and Product Design,
National Taipei University of Business, Taiwan
- Prof. Roberto Acevedo
University of Chile, Santiago, Chile
- Dr. Anastasiia Ivanytska
Data Scientist, Zhejiang Jimmi IOT Technology, Shaoxing, China
- Prof. Sheng-Lung Peng
Department of Creative Technologies and Product Design,
National Taipei University of Business, Taiwan
- Prof. Pankaj Srivastava
General Secretary, FATER Academy of India

- Prof. Nina Poyda-Nosyk
Vice President, FAI, Accounting and Auditing Department,
Ferenc Rakoczi II Transcarpathian Hungarian College of Higher Education,
Ukraine
- Prof. C. C. Tan
Foreign Secretary, FAI - Rajamangala University of Technology,
Rattanakosin, Thailand
- H.E.Moun Vesana
Vice Rector ,University of Economics and Management,
Kampong Champ Campus, Cambodia
- Prof. Roongrasamee Boondao
Ex. Dean, Ubon Ratchathani Business School:
Ubon Ratchathani University, Thailand
- Prof. Ali A. Al-Zarrah
Dean, Sur University College, Oman
- Prof. Shulan Zhao
Deputy Director, Yunnan Academy Social Science, Kunming, China
- Dr. Liliana Guran
Department of Pharmaceutical Sc.,
"Vasile Goldis" Western University of Arad, Romania
- Prof. Albert Faessler
University of Applied Sciences Zurich, Switzerland
- Prof. Liang (Larry) Yu
Professor of Tourism and Hospitality Management,
Department of Management, School of Business,
The George Washington University, Washington, DC
- Dr. Cheng Boon Liat Alex
Associate Professor, Department of Marketing Management,
Sunway University Business School, Jalan University,
Bandar Sunway, Malaysia
- Prof. Akhtem A. Dzhelilov
Professor of Social Sciences, University of Management and Economics,
Crimea
- Dr. Sairoong Dinkoksung
Faculty of Management Science, Ubon Ratchathani Business School,
Ubon Ratchathani University, THAILAND
- Dr. Fethiye Muge Sakar
Dicle University, Faculty of Management and Economics,
Department of Business Administration, Diyarbakr-Turkey

- Dr. Georgia Oros
Department of Computer Science & Mathematics,
University of Oradea, Romania
- Dr. Tetiana Zhyber
Asso. Prof., Kyiv National Eco. Univ., named after Vadym Hetman, Ukraine
- Dr. Anna Laska-Leśniewicz
Lodz University of Technology, Poland
- Prof. Iryna Mihus
Professor of the Department of Financial and Economic Security
Management "KROK" University (Kiiv, Ukraina), president OÜ "Scientific
Center of Innovative Research" (Estonia)
- Dr. Maria Elisabeth Teixeira Pereira e Rocha
AVEIRO UNIVERSITY, Portugal
- Dr.Yuliia Rohozian
Doctor of Economic Sciences, Deputy Head of Department,
State Institution “V.K. Mamutov Institute of Economic and Legal Research
National Academy of Sciences of Ukraine”, Kyiv, Ukraine
- Dr. Sengchanh Chantasane
Asso. Prof. Ex. Vice Dean, FEBM, National University of Laos, Laos
- Dr. Minina E. A.
University of Economics and Management, Simferopol, Crimea
- Dr. Nara Kittimetheelul
Ex. Head, Faculty of Business Administration, K.K.University, Thailand
- Dr.Enkeleda Lulaj
Assistant Professor, University Haxhi Zaika , Peja, Kosovo

SPEAKERS

- Prof. Maria Emilia Camargo
(FAI- Mathematical and System Sciences) Graduate Program in
Administration - Federal University of Santa Maria - RS, Brazil
- Prof. N. Anbazhagan
Professor and Head, Department of Mathematics, Alagappa University,
Tamilnadu, India
- Dr. Arceloni Neusa Volpato
UNIFACVEST – Facvest University Center, Brazil

- Dr. Enkeleda Lulaj
Assistant Professor, University Haxhi Zaika, Peja, Kosovo
- Dr. Zinaida Zhyvko
Doctor of Economic Sciences, Professor, Department of Aviation Management, Ukrainian State Aviation Academy, Kropyvnytskyi, Ukraine
- Dr. Cheng Boon Liat
Alex, Department of Marketing Management, Sunway University Business School, Jalan University, Bandar Sunway, Malaysian
- Dr. Elisabeth T. Pereira
Associate Professor, Department of Economics and Management, Industrial Engineering and Tourism, University of Aveiro Campus Universitário de Santiago, Aveiro, Portugal
- Dr. Fethiye Muge Sakar
Dicle University, Faculty of Management and Economics, Department of Business Administration, Diyarbakr, Turkey
- Prof. M. Lellis Thivagar
Vice President, FAI, Chairman, School of Mathematics, Madurai Kamaraj University, Madurai, India
- Dr. Anna Laszkiewicz
Associate Professor, Marketing and Management Department, University of Lodz, Poland
- Prof. Nina Poyda Nosyk
Vice President, FAI, Accounting and Auditing Department, Ferenc Rakoczi II Transcarpathian Hungarian College of Higher Education, Ukraine
- Malayaj Srivastava.
Senior Data Analyst, Sentara Health, USA
- Dr. Georgia Irina Oros
Vice President FAI, Department of Computer Science and Mathematics, University of Oradea, Romania
- Dr. Nataliia Vdovenko
Doctor of Economic Sciences, Associate Professor, Head of the Department of Global Economy, National University of Life and Environmental Sciences of Ukraine
- Dr. C. C. Tan
Foreign Secretary, FAI, Rattanakosin International College of Creative Entrepreneurship (RICE), Rajamangala University of Technology, Rattanakosin, Thailand

- Dr. Pichyada Pheunpha
Ubon Ratchatani Business School, Ubon Ratchathani University, Thailand
- Dr. Yannakorn Toprayoon. Chief Executive of
the Bangsomboon Subdistrict Administrative Organization, Ongkharak District, Nakhon
Nayok, Thailand
- Prof. G. Mahadevan
Department of Mathematics, Gandhigram Rural University, Dindigul,
Tamil Nadu, India
- Dr. Akhtem A. Dzhelilov
Professor, Dean, University of Management & Economics,
Simferopol, CRIMEA
- Dr. Volodymyr Hobela
PhD in f Economic Sciences, Senior Lecturer of the Department of
Management, Lviv State University of Internal Affairs
ORCID ID: 0000-0001-7438-2329
- Prof. Albert Faessler
University of Applied Sciences, Basel, Switzerland
- Prof. Pavlo Hryhoruk
Professor and Head of Department of Automated Systems and
Modeling in Economics of Khmelnytskyi National University,
Khmelnytskyi, Ukraine
- Prof (Dr) Manas Mohan Adhikary
Former V.C. Bidhan Chandra Krishi Viswavidyalaya, West Bengal
- Dr. Anastasiia Ivanytska
Data Scientist, Zhejiang Jimmi IOT Technology, Shaoxing, China

ADVISORY COMMITTEE

- Prof Manindra Agarwal, Director, IIT Kanpur
- Prof. Shalabh, Department of Mathematics & Statistics, IIT Kanpur
- Prof CS Aravinda, TIFR Bengaluru
- Prof. Kalyan Chakrabarty, HRI Prayagraj
- Prof Sahadeo Padhye, MNNIT Prayagraj
- Prof Prankaj Shrivastava, MNNIT Prayagraj
- Dr. Indeever Gupta, Scientist DRDO, Delhi
- Dr. Bhupendra Singh, Scientist DRDO, Delhi
- Dr. Mayank Dwivedi, Director DMSRDE, Kanpur India
- Dr. Manas Khan, Department of Physics, IIT Kanpur

- Dr. Anjani Kumar, department of Physics, IIIT Bhopal.
- Prof. Raj Kishore Sharma, Department of Chemistry, Delhi University
- Dr. Prabodh Trivedi, Director, CSIR, CIMAP, Lucknow
- Dr. Shakti Vinay Shukla, Director, FFDC, Kannauj
- Prof. Shobha Shukla, Indian Institute of Technology (IIT), Bombay
- Dr. Ritu Trivedi, Principal Scientist, CDRI Lucknow
- Prof. Mrigendra Dubey, Indian Institute of Technology (IIT), Indore
- Prof. Ram Sagar Mishra, Jawahar Lal Nehru University (JNU), Delhi
- Prof. D.S Pandey, BHU, Varananshi
- Prof. Parmendra Kumar Bajpai, Vice Chancellor, Jai Prakash University, Chapra, Bihar
- Prof. Alok Dhawan, Director, CBMR, Lucknow
- Prof. Arun Mohan Sherry, Indian Institute of Information Technology (IIIT), Lucknow
- Prof. Sheo Kumar Mishra, Indira Gandhi National Tribal University (IGNTU), M.P; India
- Prof. Anjani Kumar Tiwari, HoD, Chemistry, BBAU, Lucknow.
- Prof. Anil Mishra, HoD, Chemistry, University of Lucknow.

RESEARCH SCHOLAR COMMITTEE

- Anjali Yagik
- Rishika Vishwakarma
- Shikha Mishra
- Shiv Gulam Ajit Tiwari
- Nabiya Iqbal
- Ayushi Singh

CALL FOR ABSTRACT AND PAPER

CALL FOR ABSTRACT AND PAPER ON THE FOLLOWING THEMES:

S.No.	Sub Themes	
1.	Computing and Communications	<ul style="list-style-type: none">• AI in Healthcare, Education, and Industry• Deep Learning and Neural Networks• Quantum Algorithms and Simulation• Post-Quantum Cryptography and Blockchain• Emerging Quantum Technologies and Innovations• Artificial Intelligence for Energy and Energy system• AI and Ethics: Navigating Moral Dilemmas in Technology• Cyber Physical System and applications• Data Science and Statistics• Cryptography and information security• Network Security, Privacy, and Data Integrity• Green and Sustainable Communication Networks• Immersive Technologies in Communication• Leadership style in digital era• Digital Transformation in education
2.	Computational Management	<ul style="list-style-type: none">• AI in marketing• Environmental Risk Management and AI Solutions• Digital Financial Literacy and Financial Inclusion• Public Finance and Sustainable Development Goals (SDGs)• Influencer marketing• E-Governance: Digital Solutions for Public Administration• Applications of Big Data in Business Intelligence• Big Data Analytics: Transforming Decision-Making Across Sectors• Robotics and Automation:<ul style="list-style-type: none">• Future of Work• Sustainable Finance Management• Predictive Modelling and Data Visualization• Hospitality and Tourism• Influencer Marketing• Agile Management Practices

S.No	Sub Themes	
3.	Natural Sciences	<ul style="list-style-type: none"> • ·Mathematical Modelling in Applied and Social Sciences • ·Graph Theory, Topology, Neural Network, Network Models, and Optimization • ·Relevance of Indian Mathematics in Modern Era • ·Cryptographic Algorithms and Number Theory • ·High-Performance Computing in Physics Research Innovations in Condensed Matter Physics • ·AI in Materials Science and Nanotechnology • ·Quantum Chemistry Simulations and Molecular Modeling • Quantum Simulation and Mathematical Techniques
4.	Multidisciplinary Themes (Open)	<p>Following are the emerging area's but not limited to</p> <ul style="list-style-type: none"> • ·Cyber security Policies and Global Regulations • ·Smart Cities: Technology-Driven Urban Development • ·Sustainable Tech: Innovations for Environmental Conservation • ·The Impact of Social Media on Mental Health • ·Data-driven decision making • ·Robotics and Automation: Future of Work • ·AI in Agriculture • ·Digital Agro Business Management • ·Empowerment of Women in Agriculture • ·Sound Healing, Yoga Tourism, • ·Internet of Things • ·AI in Engineering Design • ·Green Energy • ·Sustainable Goals • Socio Psychology

Kindly note that, if you feel your contribution does not fit into any of the above categories, you are welcome to make your submission in the following listed category :

- Civil Engineering
- Environmental Engineering
- Mechanical Engineering
- Agricultural and Industrial Engineering
- Electrical and Electronics Engineering
- Computer and Information Technology
- Education
- Social Sciences
- Humanities
- Tourism
- Hospitality
- Buddhist Studies
- Other Allied Disciplines

PAPER AND ABSTRACT

SUBMISSION GUIDELINES

Papers are invited on the mentioned themes and related areas. Submitted papers must NOT have been previously presented, scheduled for presentation, published, or accepted for publication by any other source (journal, publisher or any other organization). NO changes in the paper title, abstract, authorship, nor submitted document can occur AFTER the submission deadline.

The abstract limited to 1000 words along with the name of author(s), affiliation, e-mail, mobile number, and corresponding address should be emailed on the mentioned email address. Maximum five keywords should be given along with the abstract.

The abstract should be typed in Times New Roman Fonts, 12 points regular, single spacing, and 2.54 cm margin on all sides. The title should be written in 14 points; author(s) name should be in bold 11 fonts and affiliation in 12 points italics.

The information about the acceptance will be sent to the authors at their emails and after acceptance, they may do registration via registration link.

- In the case of multiple authors, there must be an intimation regarding the paper presenter and others.
- Please note that the "Certificate of Presentation" shall be awarded to the paper presenter only, participant(s) shall be awarded "Certificate of Participation".
- All Author will have to register separately. A single author presenting multiple papers should register for each paper separately.
- Abstract must be submitted on Submission Link <https://forms.gle/4X45ho4zBBh3jjag8> or at email icgmrd.csjmu@gmail.com

PAPER PUBLICATIONS

Authors are asked to submit original Full papers of a minimum of **8 to 10 pages in the Springer Conference** proceeding template. All submitted papers will be subjected to a Blind Peer Review and "Similarity (plagiarism) Test" by plagiarism checker (Papers having less than 15% plagiarism as per Turnitin will be referred for further processing). Paper clearing the similarity test will undergo a full paper review. Papers achieving a high similarity score will be examined and those that are deemed unacceptable will be rejected without a formal review.

All accepted and presented papers will be published by Springer in "Lecture Notes in Networks and System" that is indexed by SCOPUS, INSPEC, WTI Frankfurt EG, ZbMATH, SClamgo, and Web of Science.

Publication charges are separate. The details will be announced later.

Authors are advised to send their full-length articles for publication at the email: icgmr.d.csjmu@gmail.com

Note: Please follow these guidelines to ensure your paper is reviewed. Papers that are not prepared according to the formatting instructions given below will NOT be reviewed.

CONTACT DETAILS

Email: icgmr.d.csjmu@gmail.com

Mobile No: 9451913490, 9935814160, 6394209085

REGISTRATION

Category	Participant (** with full length Paper)
Foriegn Academicians (FAI Life Members)	\$ 280 USD
Foriegn Academicians (Non FAI Life Members)	\$ 350 USD
Foriegn Academicians (ASEAN countries-Non FAI Life Members - Thailand, Laos, Combodia,	3000 Baht
Indian Academicians (FAI Life Members)	₹ 4000 INR
Indian Academicians (Non FAI Life Members)	₹ 5000 INR
Online Paper Presenters (Faculties)	₹ 2000 INR
Family Followers per person (INDIAN)	₹ 2500 INR
For Research Scholars	₹ 3000 INR
Family Followers per person (Foriegn)	\$ 150 USD
For Masters Students	₹ 2000 INR
Online Paper Presenters (Foriegn FAI Members)	\$ 75 USD
Online Paper Presenters (Foriegn Non FAI Members)	\$ 100 USD
Online Paper Presenters (ASEAN countries-Non FAI Life Members - Thailand, Laos	1500 Baht

FAI Life Members will process their registration through the link provided by the General Secretary FAI. FAI Life members are advised to contact at the email:

generalsecretaryfai@gmail.com

The paid registration fees are not refunded.

- Delegates must bear the Service Charge/transaction charge (if any) of the bank in the Sender's Side
- **The above Registration fees are for strictly one paper only. If more than one author from the same paper wants to attend they have to make separate registrations under Listener(Indian/Foreign) category.**

Selected Articles will be processed for the publication as per the terms and conditions of publishers.

For more details and for Publication of Articles please contact:

General Secretary FAI Email: icgmr.d.csjmu@gmail.com

- **Last Date of Registration: 7th February 2025.**
- **Registration Link/Bar-code: <https://forms.gle/SyEdtDdCA68NDtZBA>**

Or Scan -



Registration Steps:

1. Scan the UPI QR code provided and make a payment transfer to the bank account. Capture a screenshot showing the successful transaction with UTR (Unique transaction reference) number.
2. Access the Google Form through the following link. Complete all required fields and upload the screenshot of your payment.

Mode of Payment:

- **Payment link (For Indian Delegates):**

<https://paytm.me/PYTMPS/Y0cGyVPBank>

- **Bank Details:**

- 1) Organization CSJM UNIVERSITY
- 2) Bank name: STATE BANK OF INDIA
- 3) Bank address: CSJM UNIVERSITY, KALYANPUR, KANPUR
- 4) Account: 40465185585
- 5) BIC/SWIFT: SBININBB499
- 6) IBAN: 40465185585

- **UPI QR code:**



ACCOMMODATION

Requests for accommodation (as per availability) can be made via link <https://forms.gle/SM7smcdPeDJXwKC57>, before or on 10th February 2025. Accommodation for the students will be provided in hostels and for faculty and senior scientists can be arranged in guest house in and around CSJMU Campus. Those who desire to book this accommodation should approach the Convener, Organizing Committee as early as possible. The bank account details will be provided on acceptance of a manuscript. After completion of the request, you will receive an email with all details. Copy of the email along with the payment details (for accommodation only) should be sent to convener by email within few days.

IMPORTANT DATES

Conference	16th -18th February 2025
Abstract Submission (last date)	31st January 2025
Acceptance of abstract Intimation By	5th February 2025
Last Date of Registration	7th February 2025
Accommodation Requests (last date)	10th February 2025
Full length Paper Submission(last date)	25th March 2025



<https://csjmu.ac.in#> (Academics -> School of Study -> School of Basic Science)