



## First Circular



# 2<sup>nd</sup> INTERDISCIPLINARY INTERNATIONAL CONFERENCE ON EMERGING SUSTAINABLE TECHNOLOGIES, POLICIES AND METHODOLOGIES (IICESTPM-2024)



HOSTED & ORGANIZED BY

MARWARI COLLEGE, RANCHI, JHARKHAND, INDIA

23<sup>rd</sup> & 24<sup>th</sup> NOVEMBER, 2024

## Meet Our Speakers

### Keynote Speaker

Prof. (Dr.) Ajit Kumar Sinha  
Hon'ble Vice-Chancellor, Ranchi  
University, Ranchi

### Invited Speakers

Prof. Rintu Banerjee  
Deputy Director,  
Indian Institute of  
Technology, Kharagpur,  
India

Dr. B.N. Prashant  
Senior Research  
Scientist,  
Solan Kettering Institute,  
New York, USA

Dr. Kristine Aleksanyan  
Semenov Federal  
Research Center for  
Chemical Physics,  
Russian Academy of  
Sciences, Russia

Dr. Kamal Rana,  
Department of  
Physics,  
Rochester Institute  
of Technology (RIT),  
USA

## ABOUT THE COLLEGE

Marwari College, Ranchi, an Autonomous Constituent College of Ranchi University, Ranchi aims to provide higher education among aspiring students especially who are socially and economically deprived. Established in 1963 by the Marwari Shiksha Trust and its founder Late Mr. Ganga Prasad Budhia, the College nurtures youth to flourish in higher education. A separate wing for women was initiated in July 1967.

With a strong emphasis on skill-based learning, innovation and sustainability, the College aims at fostering a vibrant academic environment that shapes future leaders and professionals equipped to address global challenges. As part of the growth, the Institution has introduced B.Sc. in Artificial Intelligence (AI) and Machine Learning (ML) with an aim to equip students with technological advancement. As part of UGC guidelines, Indian Knowledge System has been incorporated in teaching/learning processes at the Institution. Presently, Marwari College, Ranchi, is an Autonomous Constituent College. It was accredited by NAAC Accreditation for Higher Studies and was given the status of 'Potential for Excellence' by University Grants Commission (UGC). The College provides Undergraduate and Post-graduate Regular Courses along with Under Graduate and Post-graduate Job-oriented Courses.



## ORGANIZING COMMITTEE:

**Patron :** Prof. (Dr.) Ajit Kumar Sinha, Honorable Vice-Chancellor, Ranchi University.

**Chairman and Convener:** Dr. Manoj Kumar, Principal, Marwari College, Ranchi.

**Organizing Secretary:** Dr. Rajiv Chandra Rajak, Department of Botany, Marwari College, Ranchi.

**Treasurer:** Santosh Rajwar, Department of Physics, Marwari College, Ranchi



## SCOPE OF THE CONFERENCE (IICESTPM-2024):

The main aim of the conference is to provide a platform to the scientist, research scholars, research scientist from academic institutions, industry and research institutions in the field of interdisciplinary subjects from all over the country to interact with each other and share their ideas. The young scientist and scholars will get a chance to put forward their research work in front of the experts of their particular field. In order to provide them a holistic platform, Marwari College, Ranchi has taken the initiative to organize an “**Interdisciplinary International Conference (IICESTPM-2024)**”. The conference will focus to facilitate the exchange of latest research, current practices, and future trends in the field of interdisciplinary subjects that would best fit for the local as well as global needs.

## CONFERENCE (IICESTPM-2024) THEMES:

### ❑ **Biological and Chemical Sciences Division**

- ❖ Algal Biotechnology and Green Chemistry.
- ❖ Ethnobiology, Medicinal Plants, Cytogenetics, & Global Environmental Issues.
- ❖ Nanotechnological Advancements in Basic & Applied Sciences.
- ❖ Biofuels, Bio-products and Biomaterials.
- ❖ Seed Science Technology.
- ❖ Innovative and Cutting Edge Tools/Methodologies in Sciences.

### ❑ **Physical and Computational Sciences Division**

- ❖ Renewable Energy and its Applications.
- ❖ New Trends in Pure and Applied Sciences.
- ❖ Nanotechnological Advancements in Physical Sciences.
- ❖ Industry, Technology Information, Innovation and Development.
- ❖ Internet of Things (IoT) Technology in Physical/Chemical/Biological Sciences.
- ❖ Artificial Intelligence and its Application in Physical/Chemical/Biological Sciences.

### ❑ **Allied Divisions**

- ❖ Indian Knowledge System in science .
- ❖ Recent Advancements in Science, Education & Research.
- ❖ Impact of Science and Research towards the Betterment of Tribal People/Society.

## ADVISORY COMMITTEE MEMBERS:

- ❖ Dr. Arun Kumar, Dean of Science & Head, PG Department of Botany, Ranchi University, Ranchi.
- ❖ Dr. Sunil Kumar Singh, Head, PG Department of Physics, Ranchi University, Ranchi.
- ❖ Dr. A.K. Delta, Head, PG Department of Chemistry, Ranchi University, Ranchi.
- ❖ Dr. Bandana Kumari, Head, PG Department of Zoology, Ranchi University, Ranchi.
- ❖ Dr. Asha Lata Keshri, Head, PG Department of Mathematics, Ranchi University, Ranchi.
- ❖ Prof. Rintu Banerjee, Deputy Director, Indian Institute of Technology, Kharagpur, West Bengal, India.
- ❖ Prof. C. Thakur, Department of Mathematics, BIT Sindri, Jharkhand.
- ❖ Dr. Satish Chandra Gupta (Retd.), Dept. of Physics, Ranchi University, Ranchi.
- ❖ Prof. Ajit Kumar Srivastav, Dept. of Physics, Dr. CV Raman University, Chhattisgarh.
- ❖ Dr. Arindam Kuila, Dept. of Bioscience and Biotech, Banasthali Vidyapith, Rajasthan.
- ❖ Dr. Samuel Jacob, Department of Biotechnology, SRM Institute of S &T, Tamil Nadu.
- ❖ Dr. S. P. Jeevan Kumar, ICAR-Directorate of Floricultural Research, Pune-411036.
- ❖ Dr. Rakho Hari Prasad, University Department of Physics, VBU, Hazaribagh.
- ❖ Dr. Dipo Mahto, Professor & Head, Dept. of Physics, Bhagalpur College of Engineering, Bhagalpur, Bihar.
- ❖ Dr. Dharmendra Singh, Head, Dept. of Physics, Central University of Jharkhand, Ranchi.
- ❖ Dr. K. C. Sherpa, Microbial Process and Technology Division, CSIR-NIIST, Kerala.
- ❖ Dr. S.N.Paul (Retd.), Department of Physics, Marwari College, Ranchi.
- ❖ Dr. Pritam Ku. Dikshit, Department of Biotechnology, K L University, Guntur, Andhra Pradesh.
- ❖ Dr. Srawan Kumar, PG Department of Physics, NPU, Medininagar, Jharkhand.
- ❖ Dr. Anupam Kumar, Department of Physics, DSPMU, Ranchi., Jharkhand.
- ❖ Dr. Debajyoti Kundu, Department of Environmental Science and Engineering, SRM University, A.P.
- ❖ Dr. Dilip Kumar Giri, Department of Physics, BBMKU, Dhanbad, Jharkhand.
- ❖ Sri. Subhankar Aich, Head, Department of Chemistry, Marwari College, Ranchi.
- ❖ Ms. Saheen Raziya, Head, Department of Zoology, Marwari College, Ranchi.
- ❖ Sri. Shivnandan Ram, Department of Chemistry, Marwari College, Ranchi.
- ❖ Dr. Ghanshyam Prasad, Department of Mathematics, Marwari College, Ranchi.



# 2<sup>nd</sup> INTERDISCIPLINARY INTERNATIONAL CONFERENCE (IICESTPM-2024)

## GUIDELINES FOR ABSTRACT SUBMISSION:

- ❖ Abstracts should be written in English/Hindi and should not have more than 300 words.
- ❖ Maximum 5 keywords, Font size: 12, Style- Times New Roman.
- ❖ Brief manuscript title (Style: Times New Roman, Font size: 14, center alignment and bold).
- ❖ The name of the corresponding author and presenting authors should be specifically mentioned.
- ❖ All the abstracts must be submitted electronically as an attachment in **MS WORD** format only via E-mail: **conferencemcr2024@gmail.com**.
- ❖ Kindly mention the divisions i.e. Biological and Chemical Sciences, Physical and Computational Sciences and Allied in the e-mail during abstract submission.
- ❖ All the abstracts will be reviewed by a panel of experts and after acceptance of abstracts, candidates will be intimated for registration process.
- ❖ There will be no poster presentation and abstracts of oral presentations will appear in the book of abstracts at the time of Conference.
- ❖ The author (s) should clearly mention their name and affiliation (Name: center alignment, Font size: 12, Style: Times New Roman).
- ❖ Corresponding author(s) should specify their name, affiliation, contact number and E-mail id.

## IMPORTANT DATES:

- Date for Abstract Submission: **30.09.2024**  
Last Date for Submission of Full Paper: **10.11.2024**  
Confirmation of Abstract Acceptance: **10<sup>th</sup> -25<sup>h</sup> October**  
Last Date for Registration Fees Submission: **10.11. 2024**

## CONTACT US:

Mail id: **rajivmbt@gmail.com, santosh.raj020@gmail.com**

## REGISTRATION PROCESS:

Registration will be done through the link provided.

## REGISTRATION FEE SUBMISSION DETAILS:

Mode of Payment: NEFT/IMPS/RTGS  
Payable to: Principal, Marwari College  
Account No. : 8625101046959  
Bank Name : Canara Bank,  
Branch-Ranchi, Marwari College Ext.  
IFSC Code : CNRB0008625

## REGISTRATION LINK:

<https://forms.gle/kz4q5nv1FZhoVxD18>

## NOTE:

- There will be **NO ON-SPOT REGISTRATION** process at the venue.
- After screening the submitted full papers, a book may be published with ISBN Number. (**Review type papers will not be accepted for Publication**).
- Participation certificates will be given to the **Registered Candidates** only.
- Presentation certificate will be given to the **Presenter** only

## REGISTRATION DETAILS

Participants	Registration Fee
Faculty/Scientist	Rs. 2000
Research Scholars	Rs. 1500
Students	Rs. 1000
Industry	Rs. 5000
International	50\$

\*Provision for online presentation is only for International Participants and Invited Speakers. **NO ACCOMMODATION FACILITY** will be provided by the college.

