



First Circular

AN INTERDISCIPLINARY INTERNATIONAL CONFERENCE ON EMERGING SUSTAINABLE TECHNOLOGIES, POLICIES AND METHODOLOGIES



12TH -13TH MAY, 2023



Hosted & Organized By
Marwari College, Ranchi, Jharkhand, India

Invited Speakers

Dr. Sharmili Roy Mazumdar,
Division of Oncology, School of
Medicine, Stanford University,
USA

Prof. Beom Soo Kim, Department
of Biochemical Engineering,
CBNU, South Korea

Dr. Sunil Kumar Sahu, Research
Scientist, Beijing Genomics
Institute, China

ABOUT THE COLLEGE

Marwari College, Ranchi, deemed as a premier Educational Institution to promote and facilitate higher education among aspiring students of society, especially to various Tribes and downtrodden, was established in 1963 by the Marwari Shiksha Trust. The aim and vision of the founder Late Mr. Ganga Prasad Budhia has been instrumental in shaping the College to become a touchstone for evolving new paradigms in higher education.

The seed of the Institution was sown with a meagre 30 Pre-University students, 76 students of Commerce and 64 students of Arts for the Evening Session in Marwari School located at Pustak Path near Shaheed Chowk, Ranchi. Sri B.N. Chaubey was the first Principal of the College. A separate wing for women was initiated in July 1967.

Presently, Marwari College, Ranchi, is a Constituent College of Ranchi University, Ranchi. 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.

LOCATION: Near Swami Vivekanand Sarovar Lake Road, Hindpiri, Ranchi, Jharkhand-834001.

ORGANIZING COMMITTEE:

Patron-in-chief: Prof. (Dr.) Ajit Kumar Sinha, Honorable Vice-Chancellor, RU.

Patron: Prof. (Dr.) Arun Kumar Sinha, Honorable Pro -Vice-Chancellor, RU.

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

Organizing Secretary: Dr. Rajiv Chandra Rajak, Marwari College, Ranchi.

Treasurer: Santosh Rajwar, Marwari College, Ranchi.

ADVISORY COMMITTEE MEMBERS:

Dr. Kunul Kandir, Head, PG Department of Botany, Ranchi University, Ranchi.

Dr. S.K. Dey, Head, PG Department of Physics, Ranchi University, Ranchi.

Dr. A.K. Delta, Head, PG Department of Chemistry, Ranchi University, Ranchi.

Dr. B.K. Sinha, Head, PG Department of Zoology, Ranchi University, Ranchi.

Dr. C.S.P. Lugun, Head, PG Department of Mathematics, Ranchi University, Ranchi.

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. Rakho Hari Prasad, University Department of Physics, VBU, Hazaribagh.

Dr. Sanat Kumar Mukherjee, Dept. of Physics, BIT Mesra, Ranchi, Jharkhand.

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. Smriti Singh, Department of Chemistry, Ranchi University, Ranchi, Jharkhand.

Dr. S.N.Paul (Retd.), Department of Physics, Marwari College, Ranchi.

Dr. A.S.Khalkho (Retd.), Department of Botany, Marwari College, Ranchi.

Dr. Srawan Kumar, PG Department of Physics, NPU, Medininagar, Jharkhand.

Dr. Anupam Kumar, Department of Physics, DSPMU, Ranchi., Jharkhand.

Dr. Dilip Kumar Giri, Department of Physics, BBMKU, Dhanbad, Jharkhand.

Sri. Arvind Kumar, Head, Department of Mathematics, Marwari College, Ranchi.

Sri. Subhankar Aich, Head, Department of Chemistry, Marwari College, Ranchi.

Dr. Shiny E.C.Kashyap, 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.

SCOPE OF THE CONFERENCE:

The main aim of the conference is to provide a platform to the scientist, research scholars, research scientist from 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**”. 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 SUB-THEMES:

- ❖ Renewable Energy and its Applications.
- ❖ Innovative and Cutting Edge Tools in Sciences.
- ❖ Ethnobiology, Medicinal Plants, Cytogenetics and Global Environmental Issues.
- ❖ Recent Advancements in Science, Education & Research.
- ❖ New Trends in Pure and Applied Sciences.
- ❖ Nanotechnological Advancements in Basic and Applied Sciences.
- ❖ Industry, Technology Information, Innovation and Development.
- ❖ Impact of Science and Research towards the Betterment of Tribal People/Society.
- ❖ Internet of Things (IoT) Technology in Physical/Chemical/Biological Sciences.

GUIDELINES FOR ABSTRACT SUBMISSION:

- ❖ Abstracts should be written in English 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: **conferencemcr2023@gmail.com**
- ❖ All the abstracts will be reviewed by a panel of experts and will be confirmed later for further 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.

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 ACCOMODATION FACILITY** will be provided by the college.

IMPORTANT DATES:

- ❖ Last Date for Abstract Submission : **20.04.2023**
- ❖ Confirmation of Abstract Acceptance: **21.04.2023**
- ❖ Last Date for Registration Fees Submission: **30.04.2023**

CONTACT US:

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