

INTERNATIONAL STUDENT CONFERENCE ON MULTIDISCIPLINARY AND CURRENT TECHNICAL RESEARCH

<https://iscmctr2023.mitsgwalior.in/>



MITS



May 20-21, 2023

ISCMCTR-2023



Coordinator

Dr. Manjaree Pandit

Dean Academics & Professor, MITS, Gwalior, MP, India

Organized By

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत

A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE, AFFILIATED TO R.G.P.V. BHOPAL (M.P.), INDIA

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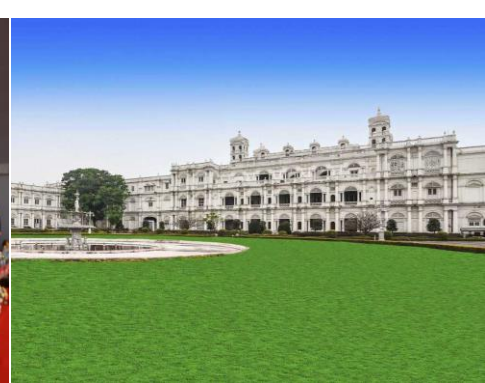
About Organizing Institute: MITS Gwalior

Madhav Institute of Technology & Science (MITS), Gwalior was established in 1957 by His Highness Sir Jiwaji Rao Scindia, Maharaja, of the erstwhile state of Gwalior under open door policy of Govt. of India. Foundation stone of the institute was laid by the then President Dr. Rajendra Prasad, on 20th October, 1956 and the building was inaugurated by President Dr. S. Radhakrishnan on 11th December, 1964.

Madhav Institute of Technology & Science (MITS), Gwalior is Govt. Aided, UGC Autonomous, NAAC Accredited institute situated in Northern part of Madhya Pradesh. The NPTEL local Chapter of the institute has secured AAA rating (listed in the band of 01 -10) during 2021 amongst more than 4,000 Chapters of NPTEL across the nation and institute is listed in 251-300 band of NIRF -2021 & promising band of ARIIA-2021. The Institute started initially with 3 disciplines: Civil, Mechanical and Electrical Engineering with intake of 40 each. At present, the Institute is offering regular 17 Bachelors, 10 Masters and Doctoral Degrees Programmes in Engineering & Technology, Architecture & Planning, Computer Application and Management with the strength of more than 5000 students. Many of the programmes are accredited by the National Board of Accreditation (NBA).

The Institute is a recognized Quality Improvement Programme (QIP) Centre of AICTE for Ph.D. Programme, institute has implemented TEQIP-II & TEQIP-III successfully and was declared as the best performer in the final performance audit amongst all the TEQIP-III funded institutes of the nation.

As per the vision of the institute, **"To create world class quality Engineers and Technocrats capable of providing leadership in all spheres of life and society"**, the institute has implemented Outcome Based Education (OBE) and Flexible curriculum with provision of major / minor degrees. Institute has collaborated with globally recognized organizations and implemented National Educational Policy (NEP-2020) for the multidisciplinary education. Institute conducts various activities under the provision of Novel Engaging Courses for the holistic development of students.



About Gwalior (India)

Gwalior is a major city in the central Indian state of Madhya Pradesh and one of the Counter-magnet cities. Gwalior occupies a strategic location in the Gird region of India. The city and its fortress have been ruled by several historic northern Indian kingdoms. Gwalior was the winter capital of the state of Madhya Bharat which later became a part of the larger state of Madhya Pradesh. High rocky hills surround the city from all sides, on the north it just forms the border of the Ganga- Yamuna Drainage Basin. The city however is situated in the valley between the hills. Gwalior has been selected as one of the hundred Indian cities to be developed as a smart city under PM Narendra Modi's flagship Smart Cities Mission.

About Conference

International Student Conference on Multidisciplinary and Current Technical Research (ISCMCTR-2023) will provide a platform for researchers, students, and industry persons to present and publish their latest innovations, models, algorithms, practical case studies, experimentation-based results and analyses with specific outcomes. Purpose of the ISCMCTR-2023 conference is to offer premier platforms for cutting-edge developments in the Power Systems, Renewable Energy Sector, Energy Storage Systems, IoT, Data Science, Artificial Intelligence & Machine Learning, Data Mining, Industry 4.0, Control Systems, Robotics, Materials, Design, Smart Computing, Networking, Communication, etc.

Call for Paper

The main goal is to give participants the chance to interact in person with their peers who are expected to attend from various parts of the world to exchange ideas and experiences. Additionally, the conference will assist the delegates in creating a research environment and developing connections abroad for potential future career collaboration. The conference focuses on different modernization and innovation paradigms that can be used to offer workable and original solutions to a range of problems in society, business, and the environment.

Physical/offline mode will be used to conduct the conference. However, on valid request, the online session for paper presentation may also be arranged.

The conference covers (but is not limited to) the following topics:

1. Smart engineering solutions for sustainable infrastructure
2. Sustainable manufacturing practices and design
3. Innovative solutions for Power & Energy systems
4. Sustainable Computing and Information Technology
5. Artificial Intelligence & Machine learning
6. Embedded Systems & VLSI Design
7. Electronics and Communication Technology
8. Multidisciplinary Research & Societal Implications of Technology
9. Advances in intelligent computing and sustainable engineering systems and practices
10. Recent Advancements in Industry 4.0 Technology
11. Smart Energy Systems using Internet of Things
12. Energy Audit & Management
13. Renewable and Energy Storage Systems
14. Advancement in Control System Technology
15. Advances in Mechanical Engineering & Materials Science
16. Recent developments in Civil and Structural Engineering

Tracks of the Conference

Track 1 Electronics Engineering	Track 2 Civil Engineering	Track 3 Mechanical Engineering	Track 4 Computer Science & Engineering	Track 5 Electrical Engineering
Track 6 Information Technology	Track 7 Chemical Engineering	Track 8 Economics & Management	Track 9 Mathematics & Computing	Track 10 Architecture & Planning

All the accepted and presented papers will be published in electronic proceedings in book form. The extended/selected papers from the conference will be published in the MITS Journal.

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Guidelines for the Authors

1. The language of the conference is English. Papers should be free from grammatical and typographical errors.
2. Paper should be formatted according to the guidelines and template (.doc) available on conference web page.
3. The work should be original and must not be concurrently submitted elsewhere for consideration.
4. The length of the paper should not exceed 12 pages. However, if after the review the number of pages increases, nominal extra page charges will be applicable.
5. Papers must be submitted online for which the link is given below as well as on conference web page.
6. All submitted papers will be subjected to rigorous review process.
7. For publication, it is mandatory that at least one of the authors will register for the conference.
8. **PLAGIARISM POLICY:** Paper should be checked for plagiarism using standard software like *Turnitin* and the overall similarity content should not be greater than 20% where similarity from any single source should not exceed 4-5% including self publications.
9. **Acceptance/rejection of any paper will be based on the reviewer's decision.**

Important Dates

Last date of paper submission	April 20th, 2023 April 30 th , 2023
Camera-ready submission of accepted papers	May 05 th to 10 th , 2023
Registration of accepted papers	May 05 th to 10 th , 2023
Announcement of the paper presentation schedule	May 18 th , 2023
Conference Date	May 20 th & 21 st , 2023

Registration Fees: ₹ 1000/-

E-Certificate of paper presentation will be issued to all registered participants after paper presentation in the conference.

Important Links

ISCMCTR-2023 Conference Webpage	https://iscmctr2023.mitsgwalior.in/
ISCMCTR-2023 Paper Submission Link	https://cmt3.research.microsoft.com/ISCMCTR2023/Submission/Index
Organizing Institute Webpage	https://web.mitsgwalior.in/

Dr. Nikhil Paliwal

Assistant Professor, EED, MITS, Gwalior, India
+91-88713-13135

**Contact
Person**

Dr. Saurabh Kumar Rajput

Assistant Professor, EED, MITS, Gwalior, India
+91-95559-69573

For any query, please contact at: iscmctr@mitsgwalior.in