2ⁿᵈ INTERNATIONAL STUDENT CONFERENCE ON MULTIDISCIPLINARY AND CURRENT TECHNICAL RESEARCH

ISCMCTR - 2024

https://iscmctr2024.mitsgwalior.in/

APRIL 20-21, 2024

Coordinator

Dr. Manjaree Pandit
Dean (Academics) & Professor-in-Charge
Centre for Artificial Intelligence & Centre for Internet of Things

ORGANIZED BY :

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Government Aided UGC Autonomous Institute Affiliated to R.G.P.V. Bhopal)
NAAC Accredited With A++ Grade

Website : https://web.mitsgwalior.in/

IN COLLABORATION WITH

Multidisciplinary Learning & Research Club, MITS Gwalior
IEEE PES Student Branch Chapter, MITS Gwalior

About Organizing Institute : MITS Gwalior

Madhav Institute of Technology and Science (Gwalior) was founded in 1957 by His Highness Sir Jiwaji Rao Scindia, Maharaja of the erstwhile state of Gwalior, as part of the open-door policy of the Government of India. The institute's foundation stone was laid by the then President, Dr. Rajendra Prasad, on October 20, 1956, and the building was inaugurated by President Dr. S. Radhakrishnan on December 11, 1964.

Madhav Institute of Technology and Science (Gwalior) is a government-aided, UGC autonomous, and NAAC accredited with A++ Grade institution located in the northern part of Madhya Pradesh. The institute's local chapter of NPTEL received a AAA rating in 2021, and it is listed in the 251-300 band of NIRF 2021 and is part of the promising band of ARIIA 2021.

Initially, the institute started with three disciplines: Civil, Mechanical, and Electrical Engineering, with an intake of 40 students each. Currently, the institute offers 17 undergraduate, 10 master's, and doctoral degree programs in Engineering, Technology, Architecture Planning, Computer Application, and Management, with a student population of over 5000. Many of these programs are accredited by the National Board of Accreditation (NBA).

The institute is recognized as a Quality Improvement Program (QIP) center for AICTE's Ph.D. program. It has successfully implemented TEQIP II and TEQIP III and was recognized as the best performer in the final performance audit among all the TEQIP III funded institutes in the nation.

In line with its vision "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 and a Flexible curriculum with provisions for major and minor degrees. It has also established collaborations with globally recognized organizations and has implemented the National Education Policy (NEP) 2020 to provide multidisciplinary education. The institute conducts various activities, including Novel Engaging Courses, for the holistic development of its students.

About Gwalior (India)

Gwalior is a prominent city located in the central Indian state of Madhya Pradesh and is designated as one of the Counter Magnet cities. Situated strategically in the Gird region of India, Gwalior has a rich history of being ruled by various historical northern Indian kingdoms. It served as the winter capital of the state of Madhya Bharat, which later became a part of the larger state of Madhya Pradesh.

The city is surrounded by high rocky hills on all sides, and to the north, it forms the boundary of the Ganga Yamuna Drainage Basin. Gwalior, however, is nestled in the valley between these hills.

Gwalior has been chosen as one of the hundred Indian cities to be developed as a smart city under the flagship Smart Cities Mission initiated by Prime Minister Narendra Modi.

About Conference

The 2nd International Student Conference on Multidisciplinary and Current Technical Research (ISCMCTR 2024) will serve as a platform for researchers, students, and industry professionals to showcase and publish their latest innovations, models, algorithms, practical case studies, experimental results, and analyses with specific outcomes. The primary objective of ISCMCTR 2024 is to provide a prominent forum for cutting-edge advancements in various fields, including Power Systems, Renewable Energy, Energy Storage Systems, IoT Data Science, Artificial Intelligence, Machine Learning, Data Mining, Industry 4.0, Control Systems, Robotics, Materials, Design, Smart Computing, Networking, Communication, and more

Call for Paper

The central aim of this endeavor is to afford participants the valuable opportunity for direct, in-person engagement with their global peers who are poised to convene from diverse corners of the world. This interaction is intended to foster the exchange of profound insights and experiences. Furthermore, the conference is designed to assist attending delegates in cultivating a conducive research environment and cultivating international networks, which may pave the way for prospective collaborative endeavors in their professional journeys.

The conference, in its essence, is dedicated to the exploration of various contemporary modernization and innovation paradigms. These paradigms, when effectively harnessed, have the potential to yield pragmatic and innovative solutions to a broad spectrum of challenges encountered in the realms of 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
Tracks 6 Information Technology	Track 7 Chemical Engineering	Track 8 Economics & Management	Track 9 Mathematics & Computing	Tracks 10 Architecture & Planning

All presented papers will be published as book chapters, and a few selected papers will be considered for possible publication in MITS Journal Vol. 2

Guidelines for the Authors

1. The official language of the conference is English, and submitted papers must be devoid of grammatical and typographical errors.
2. Manuscripts are required to adhere to the formatting guidelines and template document made available on the conference's official webpage.
3. The submitted work must be original and not concurrently under consideration for publication elsewhere.
4. The length of the paper should not surpass 12 pages. However, if the page count extends beyond this limit following the review process, nominal extra page charges will be levied.
5. Manuscripts must be submitted through the designated online submission link, which is accessible both below and on the official conference webpage.
6. Every submitted paper will undergo a rigorous and thorough review process to ensure quality and relevance.
7. To qualify for publication, at least one of the authors must complete the conference registration process.
8. Following the Plagiarism Policy, submitted papers are required to undergo a plagiarism check using standard software such as Turnitin. The overall similarity content should not exceed 20%, with no single source contributing more than 5%, including self-publications.
9. The acceptance or rejection of any paper will be solely based on the decision of the designated reviewers.

Important Dates

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Important Links

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Registration Fees

(To be paid after the acceptance of paper for presentation in the Conference

- ▶ **Early-bird Registration Fees: ₹ 1250/-**
- ▶ **Registration Fees: ₹ 1500/-**
- ▶ **Foreign Participants: $ 50**

Welcome Kit

Conference Welcome Kit will be provided to all the registered participants

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

Conference Website

https://iscmctr2024.mitsgwalior.in/

SCAN ME

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