MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

National Conference
on
Development in Computational Techniques in Science and Engineering
(DCTSE - 2024)

under
Diamond Jubilee Celebrations
(Hybrid Mode)

February 17-18, 2024

Patron:
Prof. N.P. Padhy
Director, MNIT Jaipur

Co-Patron:
Dr. Vatsala Mathur
HoD, Department of Mathematics

Conference Chair:
Dr. Santosh Chaudhary
Associate Professor, Dept. of Mathematics
Dr. Ritu Sharma
Associate Professor, Dept. of ECE

Keynote Speakers:
Prof. Mani Mehra
IIT Delhi
Dr. Ram Jiwari
IIT Roorkee

Technical Advisory Committee:
Prof. Rajesh Kumar
Prof. Ghanshyam Singh
Dr. Deepti Saxena
Dr. Menka
Dr. Ravita lamba
Dr. Ila Sharma

Local Coordination Committee:
Sonu Jain
Mamta Devi Sharma

Important Dates:

Abstract Submission Deadline : ~~5~~ **7** February 2024
Decision : ~~8~~ **10** February 2024
Registration Deadline : ~~12~~ **13** February 2024

Registration Details:

Registration Categories	Fees (₹) (Including GST@ 18%)
UG Student	₹500
PG Student	₹750
PhD Scholar	₹1,000
Faculty	₹1,500
Research Institutes and Industry	₹2,000

Registration Fees

Bank Details	ICICI Bank Ltd.
Account Name	REGISTRAR (Sponsored Research) MNIT Jaipur
Branch Name	MREC Branch, Malaviya National Institute of Technology Jaipur-302017
Account Number	676801700388
MICR Code	302229031
IFSC Code	ICIC0006768

About the Conference:

The National Conference on Development in Computational Techniques in Science and Engineering (DCTSE - 2024) will be jointly organized by Department of Mathematics and Department of Electronics and Communication Engineering of Malaviya National Institute of Technology Jaipur, India at its campus from 17-18 February, 2024. The main aim of the proposed conference is to bring together researchers, academicians, and students from both the academic and industrial sectors to exchange their ideas on cutting-edge topics in the streams of mathematics, science and their applications in engineering. The program consists of plenary invited talks as well as contributed research paper presentations on various technical aspects of different research areas. The conference leads to the dissemination of new ideas and techniques among the young researchers in various fields of mathematical sciences for the sustainable development of research fraternity. The conference program will include prominent keynote talks and regular paper presentations in parallel tracks.

The following are the major objectives of this conference:

♦ Bring together professionals in the field of science and engineering with the purpose of encouraging innovative ideas and sharing diversified knowledge and international experiences.
♦ Provide indispensable exposure to the audience promoting the highest utilization of research knowledge.
♦ Provide a key platform for Renowned Academicians, Research Scholars and Industry Experts to disseminate knowledge and present ongoing research through scholarly publications.
♦ Facilitate career development of all participants and provide opportunities to network and build connections with professionals with shared interests.

Call for Papers:

Prospective authors are encouraged to submit abstract or full length paper(s) for review under one of the following areas (But not limited). Only original research/ review papers which have not been published or submitted elsewhere will be considered. Submissions should not exceed six A4 size pages in length, should use font size : no smaller than 10 points , Times New Roman and have margins on all four sides as per the IEEE conference format. Final papers accepted for publication should have a minimum length of 3 pages. Authors can submit their paper at: https://forms.gle/3SUDd9Cnm3kZp33w5. Accepted papers will be published in conference proceedings.

Areas:

- Mathematical Methods in Computational Sciences and Engineering
- Numerical analysis, Probability and statistics
- Analysis, Operations Research
- Calculus, differential equations and integration in Computational Science, Complex Systems, Modeling and Simulation
- Fuzzy Logic, Neural Networks, Fuzzy Set Theory
- Application of Soft Computing, Knowledge Engineering, and Machine Learning
- Computational Fluid Dynamics
- Computer Architecture
- Quantum Computing
- Cloud Computing
- Signal Processing
- Image Processing
- Design tools for cloud computing
- IoT- Sensors and its applications in manufacturing services
- Wireless Body Area Network (WBAN) in IoT Health-care

Conference Venue:

Department of Mathematics
Malaviya National Institute of Technology Jaipur
Jawahar Lal Nehru Marg, Jaipur-302017 (Rajasthan), India

Paper Submission Link:
https://forms.gle/3SUDd9Cnm3kZp33w5

Registration Link:
https://forms.gle/YLrULeGLxjVo1Z8d6

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