



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

(A Govt. Aided UGC autonomous & NAAC
Accredited institute, Established in 1957)
Gwalior, M.P. 474005

 www.mitsgwalior.in



NATIONAL WORKSHOP

In Collaboration with

**DELHI TECHNOLOGICAL
UNIVERSITY, DELHI**

ON

**COMPUTATIONAL
INTELLIGENCE
IN
DATA ANALYTICS**

UNDER TEQIP-III

8 - 9 FEBRUARY, 2021

PATRON

Dr. R.K. Pandit
Director
MITS Gwalior

CONVENERS

Dr. Akhilesh Tiwari
Professor & Head
Department of IT
MITS, Gwalior

Dr. Dinesh K. Vishwakarma
Associate Professor
Department of IT
DTU, Delhi

COORDINATORS

Mr. Rajeev Kumar Singh, Asst. Professor
Mr. Dheeraj Gurjar, Asst. Professor

CO-COORDINATORS

Ms. Shweta Patel, Asst. Professor
Ms. Namrata Agrawal, Asst. Professor
Mr. Abhishek Dixit, Asst. Professor



ORGANIZED BY

**DEPARTMENT
OF
INFORMATION TECHNOLOGY**

REGISTRATION LINK



<http://bit.ly/3sOad5n>

ABOUT MITS

Madhav Institute of Technology and Science (MITS), Gwalior was established by His Highness Late Sir Jiwaji Rao Scindia, Maharaja of Erstwhile State of Gwalior, with an aim to create world class quality engineers and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957 with three UG programmes, this temple of learning is now about 60 years old. Since its inception, the institute has constantly strive for excellence and quality in technical education. Today, the institute offers nine UG programmes along with research programmes leading to Masters and Ph.D. degree in various specializations of engineering and technology. All the departments of the institute have well equipped laboratories and experienced faculties. The institute is a minor QIP centre of AICTE for Ph.D. programme in five disciplines. The institute is also funded by World Bank under TEQIP phase III to strengthen the quality of technical education.

ABOUT THE DEPARTMENT

The department of IT has an excellent & rich history and an outstanding record of contributions to the profession and community. The department is well recognized for excellence in facilities and teaching. The Department offers UG, PG and Ph.D. Programmes in Information Technology. In December 2020, new program have been included by department i.e. B.Tech Information Technology(Artificial Intelligence and Robotics) and B.Tech Internet of Things (IoT). The Department has a comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on practical learning. The course structure is up-to-date and includes courses on emerging topics to equip our students with the latest developments in Information Technology.

The Department has state-of-the-art infrastructure and computing equipment supported by high speed Ethernet and wireless networks. Our faculty members aim at delivering top class education blending their rich research experience with classroom teaching.

PREAMBLE

Data has been the buzzword for ages now. Either the data being generated from large-scale enterprises or the data generated from an individual, each and every aspect of data needs to be analyzed to benefit yourself from it. But how do we do it? Well, that's where the term 'Data Analytics' comes in. Data Analytics has a key role in improving your business as it is used to gather hidden insights, generate reports, perform market analysis, and improve business requirements. Data Analytics refers to the techniques used to analyze data to enhance productivity and business gain. Computationally intelligent data handling algorithms are crucial in a wide range of sectors that require fast and automated decision-making. These industries typically include financial, manufacturing, aerospace, automotive and defence.

Workshop is being organized with the following objectives

1.It is intended for the participants who aspire to excel in data analytics. It provides an opportunity to explore the intersection of Statistics and Data Analytics and enables sophisticated ways in learning the emerging trends.

2. To expose the faculty members and students with the newer dimensions of the area with their practical approaches to tackle the real life problems in engineering and technology and other elated disciplines.

This Workshop will be helpful for faculty members and researchers to utilize methods, tools, and computational techniques for real life problems solving.



WORKSHOP CONTENTS

The workshop will focus on following topics.

1. Significance of Data Analytics in Digitization and Automation
2. Visualization of Unstructured Sports Data - An Example of Cricket Text Commentary.
3. Social Network Analytics.

ELIGIBILITY

Faculty members, Research scholars and UG/PG students in relevant discipline of degree level technical Institution/ Universities approved by AICTE are eligible to attend the workshop.

RESOURCE PERSONS

- **Dr. P Radha Krishna**, Former Principal Research Scientist at Infosys Labs, Infosys Limited, Hyderabad and Professor & Head, Department of Computer Science and Engineering, NIT Warangal
- **Dr. V. Vijaya Saradhi**, Associate Professor, Department of Computer Science and Engineering IIT Guwahati
- **Dr. Sandeep Kumar Garg**, Associate Professor, Department of Computer Science and Engineering, IIT Roorkee
- **Dr. R. S. Thakur**, Professor, MANIT Bhopal

REGISTRATION FEE

There will be no registration fee for the participants.

PLEASE NOTE

The number of participants is limited. The interested candidate needs to apply online using registration link Last Date for registration is **February 5, 2021(5:00 PM)**. Shortlisting of participants will be on First Come First Serve basis. The shortlisted candidates will be informed via E-mail. E-certificates will be given to all the participants on successful completion of workshop.

For any queries please contact:

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