



# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A GOVT AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE AFFILIATED TO RGPV BHOPAL)

## DEPARTMENT OF ENGINEERING MATHEMATICS & COMPUTING

e-Newsletter

visit us at:

July- September - 2021

<http://mitsgwalior.in/department/engineeringmathematics&computing>



"MATHEMATICS IS THE QUEEN OF SCIENCE,  
AND ARITHMETIC THE QUEEN OF  
MATHEMATICS." ~ CARL FRIEDRICH GAUSS

### Vision

The Department of Engineering Mathematics & Computing was setup in 2020 to impart knowledge of mathematics and computer science that serve the groom the academic potential of student and abreast with recent technological developments.

### Mission

- ❖ To develop an ability towards critical questioning.
- ❖ To enhance logical attitude and aptitude ability.
- ❖ To nurture the computational aptitude on a global platform.



B.Tech. programme in Engineering Mathematics and Computing offers the opportunity to combine an appreciation mathematical thinking with knowledge of computing. Mathematics is a fundamental intellectual tool in computing, but computing is increasingly used as a key component in mathematical problem solving. The course concentrates on areas where mathematics and computing are most relevant to each other, emphasizing the bridges between theory and practice. It offers opportunities for budding scientist in the field of Mathematics & Computing.

## BOOK / CHAPTER

**Dr. Vikas Shinde, Dr. D.K. Mishra:**

- Compretive study of invasive weed optimization algorithms, **journal of Impact and Chalanges of Computation Intelengece in software engineering**, publisher Apple Acadimic Press. 2021.

**Dr. Vikas Shinde, Dr. D.K. Mishra & Dr. S. K. Bharadwaj:**

- State- of-the- Art literature Review on Classification of Software Reliability Models, **journal of Multi-Criteria Decision Models in Software Reliability: Methods and Applications** publisher CRC Press, Taylor & Francis Group, USA, 2021.

## FACULTY PAPER PRESENTATION

**Dr. J. K. Mutehele**

- Study of Production System and Repair System with Maintenance Policy, **International Conference on Frontiers of Science & Technology (ICFST-21)**, organized by KIET Group of Institutions, Delhi-NCR, Meerut Road (NH-58) Ghaziabad - 201206 held on 13-14, August 2021.
- Study of Cloud Computing Networking and Evaluate Performance using Queueing Model, **23<sup>rd</sup> Annual Conference of Vijnāna Parishad of India, Recent Developments in Mathematics, Optimization and Computational Sciences (RDMOCS 2021)**, organized by Department of Mathematical Sciences and Computer Applications, Bundelkhand University, Jhansi (Uttar Pradesh) held on September 06-10, 2021.

## ATTENDED WORKSHOP/ WEBINAR/ FDP

**Dr. Vikas Shinde, Dr. D.K. Mishra, Dr. J. K. Mutehele, Prof. A. S. Ojha, Dr. S. Bharadwaj, Dr. D. K. Mishra and Prof. R. S. Tomar:**

- ❖ **Two day on line workshop on Python programming for data sciences held on 02-03 July 2021 organized by DEPARTMENT OF ENGINEERING MATHEMATICS AND COMPUTING MITS GWALIOR.**

**Dr. D.K. Mishra, Prof. P. Sharma, Dr. J. K. Mutehele, Prof. A. S. Ojha, Dr. S. Bharadwaj, Dr. D. K. Mishra and Prof. R. S. Tomar:**

- ❖ **One day on line workshop on Innovation in teaching and learning held on 20.09.2021 organized by DEPARTMENT OF ENGINEERING MATHEMATICS AND COMPUTING MITS GWALIOR.**

**Dr. D.K. Mishra, Prof. P. Sharma, Dr. J. K. Muthale, Prof. A. S. Ojha, Dr. S. Bharadwaj, Dr. D. K. Mishra and Prof. R. S. Tomar:**

- ❖ One day on line workshop on Statistics for Research, held on 28- 09-2021 organized by DEPARTMENT OF ENGINEERING MATHEMATICS AND COMPUTING MITS GWALIOR.

**Dr. Vikas Shinde, Dr. D.K. Mishra, Prof. P. Sharma, Dr. J. K. Muthale, Prof. A. S. Ojha, Dr. S. Bharadwaj, Dr. D. K. Mishra and Prof. R. S. Tomar:**

- ❖ One day on line workshop on राष्ट्रीय शिक्षा नीति 2020 के अंतर्गत हिन्दी भाषा का बढ़ता महत्व held on 20-09-2021 organized by DEPARTMENT OF ENGINEERING MATHEMATICS AND COMPUTING MITS GWALIOR.

**Prof. A. S. Ojha:**

- National workshop on virtual lab on virtual lab held on 21-Aug-21 organized by ABV IITM GWALIOR AND MITS GWALIOR
- 5 -DAY ON LINE FDP on Inculcating universal human values in technical education held on 09-13 AUGUST 2021 organized by AICTE NEW DELHI.

## Ph.D. AWARDED/SUBMITTED

**D.K. Mishra,**

Awarded Doctor of Philosophy (Ph. D) degree on the thesis title “A Study of Function Evaluation by Evolutionary Algorithms for Global Numerical Optimization” on 27-September-2021 From Barkatullah University, Bhopal (M.P.)

## DEPARTMENTAL ACTIVITY

S. No.	Eminent Speaker (s)	Name Of Event (Workshop/Webinar)	Title of Event	Date/ Duration
1	Prof. P. Sharma, (Deptt. of MAC)	Two day on line workshop	Python programming for data sciences	02 & 03-07-2021
2	Shri. Lokesh Lilhare (IRS) (Add. Director, NACIN) Shri Ranvir Singh (IRS) (Asst. Commissioner, CGST)	One Day Webinar	GST Sensitization	27.08. 2021
3	Dr. Jitendra Kumar (Deptt. of MAC)	In-house Workshop	Computation of Citation & H- Index	16.09.2021
4	Dr. Avanish Kumar (Professor & Ex-Chairman of CSTT, Deptt of Higher Education of Ministry of Education, Govt. of India)(Former Director, Central Hindi Directorate, of Ministry of Education, Govt. of India)	One Day Workshop	राष्ट्रीय शिक्षा नीति 2020 के अंतर्गत हिन्दी भाषा का बढ़ता महत्व	20.09.2021
5	Dr. V.P. Shinde (Prof.&Head, Deptt. of Engineering Mathematics and Computing)	One Day Workshop	Statistics for Research	28-09-2021
6			Innovation in teaching and learning	20- 09-2021

MITS  
Gwalior (M.P.)

Virtual Mode

One Day Webinar  
on

# GST Sensitization

(August 27, 2021)  
Time: 11AM to 01PM

Organized  
by

Department of Engineering Mathematics and Computing

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR  
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NACIN  
Bhopal (M.P.)

In-house Workshop  
on

# Computation of Citation & H- Index

September 15, 2021  
Time: 4:00 PM

Organized  
by

Department of Engineering Mathematics & Computing



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR  
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One Day Workshop  
on

## राष्ट्रीय शिक्षा नीति 2020 के अंतर्गत हिन्दी भाषा का बढ़ता महत्व

(September 20, 2021)

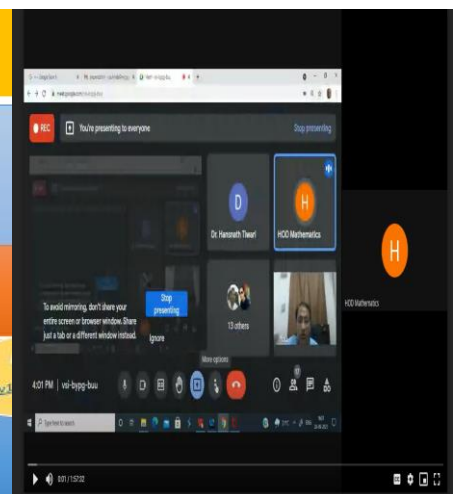
**Dr. Avaniish Kumar**  
Professor & Ex-Chairman of Commission for Scientific and Technical Terminology,  
Department of Higher Education of Ministry of Education, Government of India

Organized  
by

Department of Engineering Mathematics and Computing

Meeting Link  
<https://meet.google.com/qde-odlr-330>

Registration Link  
<https://forms.gle/Zekim5v1FDPLmAug>



ONLINE WORKSHOP UNDER IQAC  
on

# STATISTICS FOR RESEARCH

Date & Time  
28 sept. 2021  
4:00 PM to 6:00 PM

Registration Link  
<https://forms.gle/LsC2VAKJc6FNvLDC8>

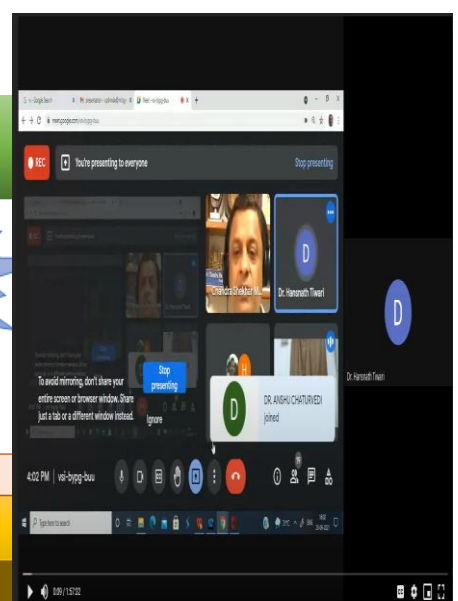
**SPEAKER**  
Dr. Vikas Shinde

**MODERATOR**  
Dr. D. K. Jain

**COORDINATOR**  
Dr. S.K. BHARDAWAJ

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR





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**DR. J. K. MUTHELE  
&  
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