



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
Deemed University
(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ GRADE



Department of Electronics Engineering
in association with IETE Students' Forum and IETE Bhopal Centre
organized an

Expert Talk
on
Next-Generation Electromagnetic Techniques for Absorber Design
by
Dr. Ravi Yadav

(11 January 2025)

An **Expert Talk** on “Next-Generation Electromagnetic Techniques for Absorber Design” organized by the **IETE Bhopal Chapter** in collaboration with the **Department of Electronics Engineering, MITS Gwalior**, on **11 January 2025**.

The event began with a **welcome address** by **Student Coordinator Soumya Dubey**. Coordinators **Soumya Dubey** and **Medhavi Agrawal** then introduced **Dr. Ravi Yadav** to the audience and invited her to commence the session.

Dr. Ravi Yadav is a **Research Scientist** at the Engineering and Optimization Centre, **Reykjavik University**, Iceland. Prior to this, he served as a Postdoctoral Researcher at the Modern Electromagnetic Theory and Applications (META) Lab in Technion – Israel Institute of Technology, Haifa, Israel. He is working on beam steering Metasurfaces and Metagratings. His research interests also include the characterization of electromagnetic (EM) composites and nanocomposites, EM mixing models, electromagnetic shielding, machine learning, hybrid optimization strategies, frequency-selective surfaces, and e-waste management.

He has published his work in many reputed international journals such as Nature: Scientific Reports, IEEE Transactions on Electromagnetic Compatibility, IEEE Transactions on Dielectrics and Electrical Insulation, IEEE Transactions on Magnetics, IEEE/TMS Journal of Electronic Materials, Journal of applied physics (JAP), IEEE Magnetics Letters along with patents and book chapters.

The session concluded with a **vote of thanks** delivered by **Dr. Himanshu Singh**.

This activity was coordinated by **Dr. Himanshu Singh** under the guidance of **Dr. Pramod Kumar Singhal** (Dean, Quality Assurance) and **Dr. Vandana Vikas Thakare** (Head of the Department, Electronics Engineering).

In total, more than 50 participants have attended this talk through Google Meet. The event successfully fostered curiosity and enthusiasm for microwave designing among the participants, making it a memorable and enriching experience.

GLIMPSE OF THE EXPERT TALK by Dr. Ravi Yadav

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Department Of Electronics Engineering
&
IETE Bhopal Centre
Presents

EXPERT TALK

TOPIC:
Next-Generation
Electromagnetic Techniques
for Absorber Design

Dr. Ravi Yadav
Research Scientist,
Reykjavik University, Iceland

Dr. Ravi Yadav is a Research Scientist at the Engineering & Optimization Centre, Reykjavik University, Iceland. Prior to this, he served as a Postdoctoral Researcher at the Modern Electromagnetic Theory and Applications (META) Lab in Technion – Israel Institute of Technology, Israel. He is working on beam steering Metasurfaces & Metagratings. His research interests also include the characterization of electromagnetic (EM) composites & nanocomposites, EM mixing models, EM shielding, machine learning, hybrid optimization strategies, frequency-selective surfaces, & e-waste management.

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SATURDAY
11 January 2025

12:00 PM – 01.00 PM

Online Mode

E-CERTIFICATES FOR ALL

REGISTER NOW



Faculty Coordinator: Dr. Himanshu Singh : 9424072768
Student Coordinators: Saumya Dubey : 9244309594
Medhavi Agrawal : 6299317545

Dr. Vandana Vikas Thakare
HoD,
Electronics Engineering Department

