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Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA
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Department of Electronics Engineering

Report on Expert Lecture

Organized by: Department of Electronics, MITS-DU, Gwalior

Date: 27th September 2025 **Mode:** Online (Google Meet)

Title of the Lecture

"Fundamentals of Machine Learning Algorithms and Applications"

Speaker

Dr. Ghanshyam Singh Thakur

Associate Professor, MANIT Bhopal

Objectives

- To introduce the fundamentals of **Machine Learning algorithms**.
- To explore practical applications of ML in real-world scenarios.
- To motivate students for research and advanced studies in the field of **Artificial Intelligence and Machine Learning**.

Event Details

• **Time:** 12:00 PM

• **Platform:** Google Meet

• Join Link: https://meet.google.com/rti-idsx-bpg

• Registrations: 72

Attendees: 44



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Lecture Highlights

- Dr. Thakur explained the **basic concepts and types of Machine Learning** (Supervised, Unsupervised, and Reinforcement Learning).
- He demonstrated real-world **applications of ML** in healthcare, robotics, finance, and communication systems.
- The session included **interactive Q&A**, where students clarified doubts regarding algorithm selection and practical implementation.
- Emphasis was given to **research opportunities** and the future scope of Machine Learning in Electronics and Computer Engineering.

Outcome

- Students gained foundational knowledge of ML algorithms.
- Enhanced awareness of **industry-driven applications** of Machine Learning.
- Encouragement for students to **explore projects and higher studies** in AI/ML domains.

Attendance Summary

• Total Registered: 72

• Total Attended: 44

Faculty Coordinators

Dr. Shailendra Singh

Dr. Varun Mishra

Dr. Laxmi Shrivastava

HoD

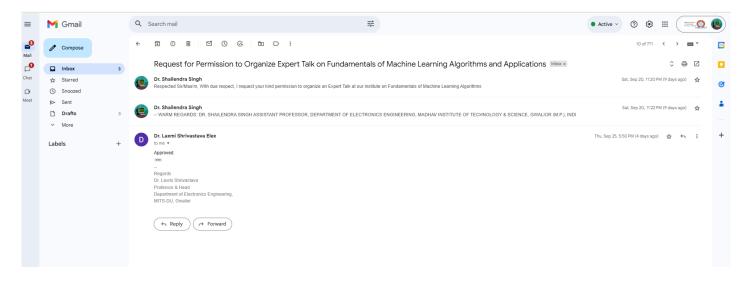




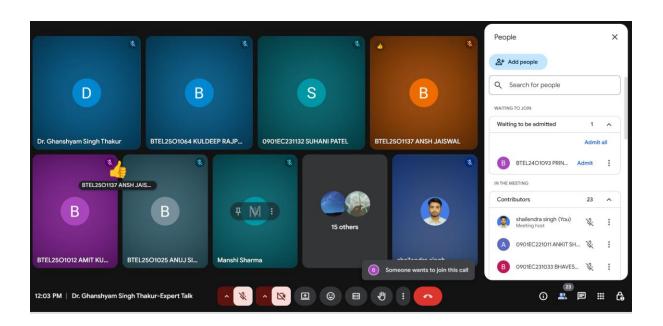
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Approval Images:



Some pics are attached:

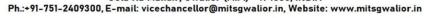






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माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA



EXPERT LECTURE ON **FUNADAMENTALS OF MACHINE LEARNING ALGORITHMS AND** APPLICATION

LEARNING FROM DATA, LIKE HUMANS



DATE SEP 27, 2025



AT 12.00 PM

SPEAKER Dr.Ghanshyam Singh Thakur

Designation: Associate Professor MANIT, Bhopal Organized By: Electronics Deparment MITS-DU, Gwalior





MEET LINK: https://meet.google.com/rti-idsx-bpg