

Report on Guest Lecture on “Digital System Design/Digital Electronics”

Mewar University, Gangrar, Chittorgarh (Raj.)

Department of Electronics and Communication Engineering

Date: 4th November, 2025

Time: 12:00 Noon onwards

Venue: Room No. 110, Engineering Block

Guest Speaker: Dr. Anurag Paliwal, Professor, GITS, Udaipur

1. Introduction

The Department of Electronics and Communication Engineering, Mewar University, organized an insightful **Guest Lecture on “Digital System Design/Digital Electronics”** for the students of **ECE and CSE departments** on 4th November, 2025. The lecture aimed to enhance students’ understanding of digital systems, logic design, and their practical applications in modern electronic and computing technologies.

2. Objective

The primary objective of the guest lecture was to:

- Bridge the gap between theoretical concepts and industrial applications of digital system design.
- Provide students with exposure to the latest tools and trends in digital electronics and system modeling.
- Motivate students to apply digital logic design concepts in real-world hardware and embedded system projects.

3. Resource Person

The session was conducted by **Dr. Anurag Paliwal, Professor, GITS, Udaipur**, a renowned academician and expert in the field of Electronics Engineering. His vast experience and practical insights offered students a comprehensive understanding of advanced topics in the subject.

4. Session Highlights

Dr. Paliwal discussed various aspects of **Digital System Design**, including:

- Fundamental principles of digital logic design.
- Sequential and combinational circuits.
- Real-time applications of digital systems in computing and communication devices.

He also shared his professional experiences and case studies from industry-oriented projects, making the session interactive and engaging. The students actively participated in the discussion and clarified their doubts during the Q&A session.

5. Participants

The lecture witnessed enthusiastic participation from **students of the Departments of ECE, EE, and CSE/CA**, along with faculty members who did not have academic commitments at that time. The interaction between students and the expert made the session lively and productive.

6. Outcomes

- Students gained enhanced conceptual clarity on digital electronics and system design.
- They learned about practical design tools and methods used in industry.
- The session encouraged interdisciplinary learning between ECE and CSE students.
- It inspired students to pursue research and development projects in digital system design.

7. Conclusion

The guest lecture by **Dr. Anurag Paliwal** was highly informative and beneficial for all participants. It successfully achieved its objective of broadening students' understanding of **Digital System Design** and its practical significance in modern technology. The Department of ECE expressed gratitude to Dr. Paliwal for his valuable contribution and to the university administration for their support in organizing the event.

Prepared by:

Department of Electronics and Communication Engineering
Mewar University, Gangrar, Chittorgarh (Raj.)

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Photographs of the Lecture in annexure:



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Annexure





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