



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi

NAAC Accredited with A+ Grade,

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA.



## Department of Computer Applications

### Innovative Teaching Learning Process

(2024 – 2025)

In the academic year 2024–2025, several innovative teaching and learning practices were implemented to enhance student engagement and academic outcomes. The use of Learning Management Systems (LMS) provided students with flexible, hands-on learning experiences, while Project-Based Learning (PBL) encouraged them to apply theoretical knowledge to real-world problems. Gamification techniques, including quizzes and interactive technology-based learning, made classroom sessions more engaging and interactive. Peer tutoring promoted collaborative learning and peer-to-peer knowledge sharing, enhancing students' understanding and confidence. Additionally, faculty organized workshops with industry experts to expose students to current trends and professional expectations, effectively bridging the gap between academia and industry. Research-based projects were also encouraged, fostering analytical thinking, innovation, and a deeper understanding of subject matter. These initiatives have significantly enriched the academic environment and prepared students to meet future challenges with confidence and competence.

Innovative Teaching Learning Process (2024 – 2025)			
S. No	Name of the Faculty	Name of the Activity	URL Link for Innovative Teaching
1	Dr. C. Sivaraj	Data Speaks – Regression Analysis	<a href="https://mits.ac.in/assets/pdf/ca/Dr. C. Sivaraj 2024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Dr. C. Sivaraj 2024-2025.pdf</a>
2	Dr. Jude Moses Anto Devakanth J	Interactive Lesson Learning	<a href="https://mits.ac.in/assets/pdf/ca/Dr. Jude 2024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Dr. Jude 2024-2025.pdf</a>
3	Dr. N. Naveen Kumar	Hands on Training	<a href="https://mits.ac.in/assets/pdf/ca/Dr.%20Naveen%20Kumar%202024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Dr.%20Naveen%20Kumar%202024-2025.pdf</a>
4	Dr. A. Prabhakaran	Project based Learning	<a href="https://mits.ac.in/assets/pdf/ca/Dr. Prabhakaran 2024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Dr. Prabhakaran 2024-2025.pdf</a>
5	Dr. R. Viswanathan	Brain Storming	<a href="https://mits.ac.in/assets/pdf/ca/Dr.%20Viswanathan%202024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Dr.%20Viswanathan%202024-2025.pdf</a>
6	Mr. T. Saravanan	Technology based Interactive Learning	<a href="https://mits.ac.in/assets/pdf/ca/Mr.%20Saravanan%202024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Mr.%20Saravanan%202024-2025.pdf</a>
7	Mr. S. Suresh	Student Staging Presentation	<a href="https://mits.ac.in/assets/pdf/ca/Mr.%20Suresh%202024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Mr.%20Suresh%202024-2025.pdf</a>
8	Mrs. Kavitha	Project based learning through Real World Case Studies	<a href="https://mits.ac.in/assets/pdf/ca/Mrs.%20Kavitha%202024-2025.pdf">https://mits.ac.in/assets/pdf/ca/Mrs.%20Kavitha%202024-2025.pdf</a>