



# MALLAREDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous Institution–UGC, Govt. of India)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## Report on one Week FDP on "Innovative Teaching and Learning Pedagogy"

The Faculty Development Program (FDP) on "Innovative Teaching and Learning Pedagogy" was organized by Department of computer science and engineering from 11<sup>th</sup> July to 16<sup>th</sup> July 2022. The program was aimed at empowering faculty members with cutting-edge teaching strategies and tools to foster a more engaging and effective learning environment. The FDP provided a platform for educators to explore innovative pedagogical practices that can be integrated into their teaching methodologies.

The key objectives of the FDP were:

- To familiarize faculty with innovative teaching methodologies and approaches.
- To enhance the skills necessary for implementing active and experiential learning.
- To explore the role of technology in modern pedagogy.
- To encourage reflective practices for continuous improvement in teaching.
- To foster an environment of collaborative learning among faculty members.

The FDP was inaugurated on 11<sup>th</sup> July 2022 by Dr.VSK Reddy, Director, MRCET, Dr.S.Srinivasa Rao, Principal, MRCET, Dr.T.Venugopal, Dean of student welfare, MRCET along with all the department HOD's. In the opening address, Dr.VSK Reddy sir highlighted the significance of adopting innovative teaching practices in today's rapidly changing educational landscape.

### *Day 1: Introduction to Innovative Pedagogy*

- The program commenced with an introduction to the principles of innovative pedagogy, emphasizing the shift from traditional teaching methods to learner-centered approaches.
- Dr.S. Srinivasa Rao delivered a keynote address on the importance of creativity and innovation in teaching.

### *Day 2: Active and Experiential Learning Techniques*

- The second day focused on active learning strategies, such as collaborative projects, problem-based learning, and case studies.
- Participants engaged in group activities to design lesson plans incorporating these techniques, guided by Dr. K. MallikharjunaLingam, HOD of ECE.

### *Day 3: Technology Integration in Teaching*

- Day 3 was dedicated to exploring the role of technology in enhancing teaching and learning experiences.
- Dr.D.Sujatha, HOD-AIML, demonstrated the use of various digital tools and platforms, including Learning Management Systems (LMS), educational apps, and online collaborative tools.

#### *Day 4: Assessment and Evaluation in Innovative Pedagogy*

- The fourth day centered on the assessment aspect of innovative pedagogy. Participants learned about alternative assessment methods, including formative assessments, peer assessments, and reflective journals.
- A hands-on workshop was conducted by Dr.S.Shanthi, HOD of CSE and Dr.G.Sharada,HOD of IT , where participants developed assessment tools aligned with innovative teaching practices.

#### *Day 5: Reflective Practices and Continuous Professional Development*

- The final day was focused on the importance of reflective practices in teaching. Dr. Naveen Kumar, HOD of MBA, Dr.S.Archana, led a session on how to engage in reflective teaching to continuously improve pedagogical practices.
- The FDP concluded with a collaborative discussion where participants shared their reflections and plans for applying the learned strategies in their classrooms.

#### **Outcome of the Programme:**

- **Enhanced Teaching Skills** – Faculty members will gain exposure to modern teaching strategies, including active learning, flipped classrooms, and experiential learning.
- **Improved Student Engagement** – Teachers will learn methods to make learning more interactive, ensuring better student participation and understanding.
- **Collaborative Learning Approaches** – Faculty will adopt techniques like peer learning, group discussions, and problem-based learning to encourage collaboration among students.
- **Assessment and Feedback Mechanisms** – Improved understanding of formative and summative assessment techniques to track student progress effectively.
- **Higher-Order Thinking Skills** – Encouragement of critical thinking, creativity, and problem-solving skills in students through innovative teaching methods.
- **Curriculum Enhancement** – Participants may revise and refine their course content to align with contemporary educational needs and industry expectations.
- **Better Student Learning Outcomes** – A direct impact on student success, as innovative teaching methodologies improve knowledge retention and application

**Schedule:**

		<b>Timings</b>	<b>Topic</b>	<b>Resource persons</b>
<b>Day1</b>	<b>Session1</b>	09:30am to 12:30pm	Introduction to Innovative Pedagogy	Dr.NaveenKumar
	<b>Session2</b>	01:30pm to 03:30pm	Pedagogical approach for effective teaching	Dr.S. Srinivasa Rao
<b>Day2</b>	<b>Session1</b>	09:30am to 12:30pm	Active and Experiential Learning Techniques	Ms.N.Durga
	<b>Session2</b>	01:30pm to 03:30pm	Methods of Experiential Learning	Dr.S. Srinivasa Rao
<b>Day3</b>	<b>Session1</b>	09:30am to 12:30pm	Technology Integration in Teaching	Dr.D.Sujatha
	<b>Session2</b>	01:30pm to 03:30pm	Learning Management Systems (LMS), online collaborative tools	Dr.M.V.Kamal
<b>Day4</b>	<b>Session1</b>	09:30am to 12:30pm	Assessment and Evaluation in Innovative Pedagogy	Dr.S.Shanthi
	<b>Session2</b>	01:30pm to 03:30pm	Formative and summative assessments, rubrics, and peer review processes.	Dr.G.Sharada
<b>Day5</b>	<b>Session1</b>	09:30am to 12:30pm	Reflective Practices	Dr.NaveenKumar
	<b>Session2</b>	01:30pm to 03:30pm	Continuous Professional Development	Dr.Archana
<b>Day 6</b>	<b>Session1 &amp; 2</b>	9.30 am to 3.30 pm	Active Learning Strategies	Dr.NaveenKumar Mr.N.Satish kumar

# Photos Gallery



NOTE 5 PRO  
AL CAMERA

NOTE 5 PRO  
AL CAMERA



**MRCET**  
**Faculty development program**  
**On 13-07-22**





**MALLA REDDY COLLEGE OF  
ENGINEERING AND TECHNOLOGY**  
UGC AUTONOMOUS INSTITUTION



**DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING**

**ORGANIZING**  
*One Week  
Faculty Development program*  
**ON**

**Innovative Teaching  
and  
Learning Pedagogy**

**From: 11<sup>th</sup> July - 16<sup>th</sup> July 2022**  
**Venue: MRCET AUDITORIUM**

**Dr. VSK Reddy**  
*Director*

**Dr. S. Srinivasa Rao**  
*Principal*

**Dr. S. Shanthi**  
*HOD-CSE*

**Dr. T. Venugopal**  
*Dean Student Welfare*


