

**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC - AUTONOMOUS)

**Report on**  
**“INSTRUCTIONAL DESIGN AND DELIVERY SYSTEM”**  
**25 - 29 June 2018**



**Submitted by: Dr. S.Thamizhmanii, Professor, Department of Mechanical Engineering**

**Convener:** Prof. Dr. S. Thamizhmanii and Co-convener Dr. A. Karpaka Raj –Sr. Assistant Professor.

**Resource:** National Institute of Technical Teachers Training and Research (NITTTR) – Chennai.

Department of Mechanical Engineering, MITS Madanapalle organised a five-day faculty development program (FDP) on “**Instructional Design and Delivery System**” funded by TEQIP-II with support of National Institute of Technical Teachers Training and Research (NITTR), Government of India under the Ministry of Human Resources Development for the benefit of teaching faculty.

Dr. V. Hampamma- Vice - Principal Engineering inaugurated the FDP on 25 June 2018. She emphasised the need for such training for faculty in her inaugural address. Dr. Suryanarayana Raju- Head of Mechanical Engineering spelled out the importance of training to teach using latest methods which will be helpful to students. Prof. S. Thamizhmanii - convener of the program welcomed the gathering and Dr. A. Karpaka Raj Co-convener proposed a vote of thanks.

Dr. R. Rjendran Assistant Professor and K. S. Giridharan Assistant Professor from NITTTR also attended the FDP. They were felicitated as well. Altogether 43 participants from Mechanical Engineering, Civil Engineering, CSE, Mathematics and English attended the programme.

Dr. R. Rajendran in his inaugural speech stressed the need for this program and highlighted the contents to be discussed during the next five days. He also stressed the need for new style of teaching and method to deliver the courses to the students. He emphasised the need for good command over communication so that students understand the course outcomes.

The lecturer was delivered on principles of teaching learning, student motivation and adolescent characteristics. The need for understanding the adolescent characteristics and student motivation was stressed as both have several effects on students' learning and behaviour. A few demos were given on instructional objectives and instructional methods.

The discussion held on instructional objectives (I.O.) was towards:

1. The need and importance of instructional objectives in classroom scenario.
2. The categorization of IO using revised ‘Bloom’s Taxonomy’.
3. The role of IO and its impact on selecting instructional methods.
4. The relationship between the learner styles and IO and
5. How objectives influence outcomes.

A few of the learning processes were discussed. Valuable thoughts on student evaluation were shared. The participants actively participated in the Simulated Teaching Practice (STP). They effectively conducted the STP sessions and identified the strengths and areas of improvement in the participants in their content delivery.

The participants found the training programme extremely informative and enjoyable. Above all they look forward to putting into practice many of the techniques they have learnt in the 5 days FDP.

A short valedictory function was arranged and felicitation was arranged for Prof. Santah Kumar on 29 June 2018.