



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**

(UGC-AUTONOMOUS INSTITUTION)

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

NAAC Accredited with A+ Grade, NIRF India Rankings 2021-Band: 201-250 (Engg.)

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



# Department of Computer Applications

Innovative Teaching Learning  
&  
Best Practice Methods

## Innovative Instructional Materials Used:

Instructional materials are the tools used in active learning and assessment. Some of the instructional materials used in the department are as shown below.

# Instructional materials used by the faculty

S.No	Details of Instructional Materials
1	MOOCs NPTEL video lectures
2	SCALE-UP Class Room (Student - Centered Active Learning Environment for Undergraduate Programs) equipped with latest laptop computers with good configuration
3	Smart Class rooms with multimedia projector and Audio-Visual capability
4	Learning material dissemination and Assignment Submission through Online E-Learning portal called MITS-MOODLE
5	Project based Learning
6	Role play by students with faculty guidance
7	Use of hardware materials to teach computing hardware elements
8	Charts are prepared by students to explore technical concepts
9	Collaborative Learning
10	Activity Based Learning

# NPTEL Video Learning



# Scale-up Class Rooms to conduct Group Discussion, Activity Based Learning, Project Demonstrations etc.



# Multimedia Projector and Audio-Video Class Room



# E-Learning Portal MITS-MOODLE

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

Affiliated to JNTUA, Anantapur & Approved by AICTE, New Delhi  
Recognised Research Center  
Accredited by NBA for CSE, ECE, EEE & ME  
World Bank funded Institute  
Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956.  
Recognised as Scientific & Industrial Research Organization by DSIR of DST

**MITS E-Learning Portal (MOODLE)**

**MITS Course Overview**

- Mobile Application Development using Android
- Mobile Application Development using Android
- Object Oriented Programming

**Assignment:**  
Assignment:1  
Due date: Wednesday, 3 September 2020, 12:00 AM  
Assignment: Observation and Record Work - part

**Calendar:** August 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

**User Hood**  
Live Moodle Search Access

**Logged in user**

**MOOC:**  
MOOC Designing Tips  
Courses  
MOOC  
MOOC  
MOOC

Type here to search

17:55 10-09-2021

# Project Demonstrations and Learning



# Students Role Play





# Hardware Training Programme



# Students Chart Preparation and Demonstrations



# Collaborative Learning with ECE Department



# Activity Based Learning



# Mentor Mentees Meeting

