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

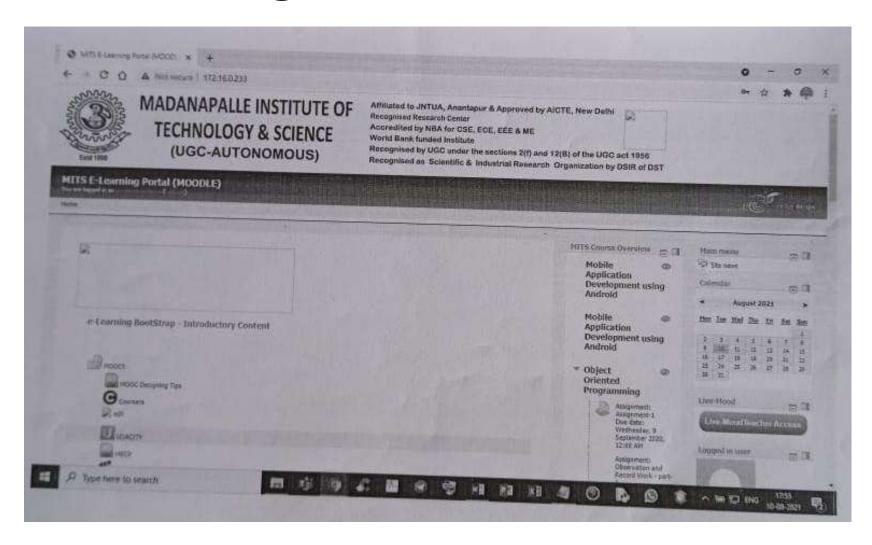# Scale-up Class Rooms to conduct Group Discussion, Activity Based Learning, Project Demonstrations etc.

Multimedia Projector and Audio-Video Class Room

E-Learning Portal MITS-MOODLE

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