

TEACHING – LEARNING METHODOLOGIES POLICY



**Madanapalle Institute of Technology &
Science**

(UGC- AUTONOMOUS)

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PRINCIPAL

POLICY DOCUMENT OF TEACHING – LEARNING METHODOLOGIES

Teaching is a process of imparting knowledge to the student. Learning is a process of acquiring knowledge through interaction, practice and experience. Teaching-Learning process encompasses an educator assessing the learning needs, establishing specific learning outcomes, developing teaching-learning strategies, implementing the plan of work and evaluating the outcome of instruction delivery. Teaching-Learning process becomes effective when the educator possesses good command of subject knowledge and presents the subject matter using dynamic and progressive methods. Further teaching-learning process will be more effective when the teacher understands the interests, abilities, aptitude and limitations of student learners.

The Major objectives are:

1. To encourage the faculty members to utilize ICT tools to enhance the participation of the learners and to cater to the varying learning levels of individual learners. This policy promotes a learning-centered approach where students are co-creators of knowledge and learning environment.
2. The educators are instructed to utilize power point presentations, animations and models to increase the learner focus and provide visual impact.
3. All resources that support the student learning such as library, laboratories and e-learning resources form an integral part of all courses in all programmes. Modular Object Oriented Dynamic Learning Environment (MOODLE) is a platform employed for dissemination of course materials and posting assignments.
4. The learners and educators are encouraged to take Massive Open Online Courses (MOOC's) under Swayam NPTEL, Coursera etc., to enhance self-learning amongst students and faculty members. The MOOC's platforms provide online pre-recorded video lectures and assignments to facilitate learning by providing self-assessment at regular intervals.
5. The educators are instructed to employ various pedagogical methods such as participative learning, experiential learning and collaborative learning to enhance learning levels of students. Participatory learning methods make the learner active. These methods include assignments, group discussions, field visits and case studies. Experiential learning provides the learners an opportunity to acquire hands on training. These methods include conduction of experiments in laboratories and carrying out projects which enable the students to grasp the concepts in a better way. Collaborative learning provides the learners to work in small groups by interacting with their peer team members to solve problem / task. This help the learners to develop leadership qualities and team work.
6. The learners provide feedback on faculty member involved in teaching twice in a semester. This valuable feedback helps the educator to improve quality of teaching in near future.

7. The institute has initiated the conduct of Online classes for students during the COVID-19 pandemic using Microsoft Teams. The faculty member enrolls the appropriate students in his / her channel. Microsoft Teams provides a platform for conduction online classes, dissemination of course materials, conduct of class tests and periodic quizzes.

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