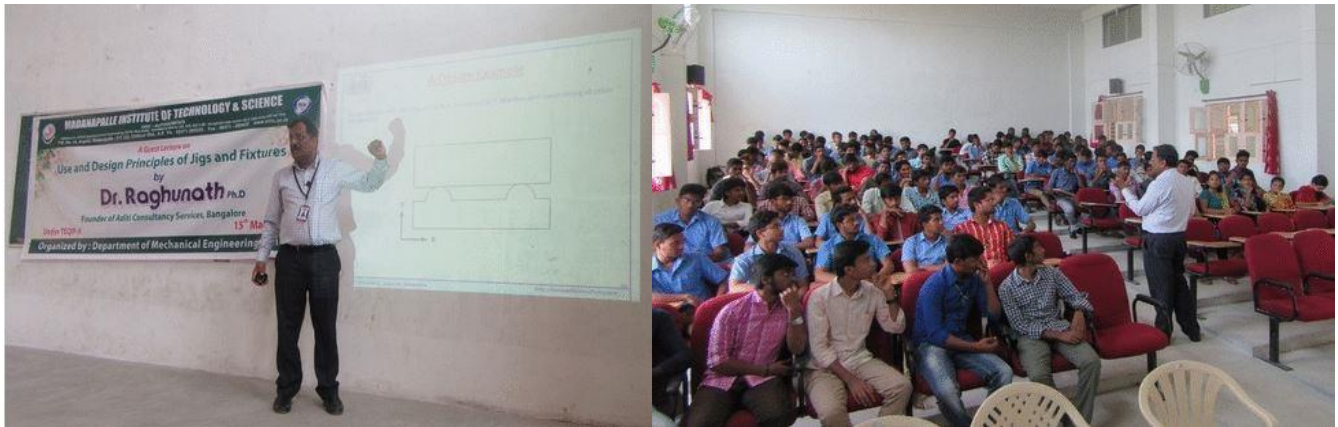


MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

One-day Guest Lecture on
Use and Design Principles of Jigs and Fixtures
Organized by Dept of Mechanical Engineering & IIC Cell - MITS
Under TEQIP - II
15 March 2017



Submitted by: Mr M Subba Rao & Mr P Venkataramana, Assistant Professors, Dept of Mechanical Engineering, MITS

A one-day guest lecture on ‘**Use and Design Principles of Jigs and Fixtures**’ was organized by the Department of Mechanical Engineering on 15 March 2017 in coordination with the Industry Institute Interactive Cell (*IIC*) and sponsored by TEQIP-II. **Dr A Raghunath**, founder of Aditi Consultancy services, Bangalore was the resource person for this guest lecture. The session started with opening remarks by Mr M. Subba Rao, followed by a brief introduction of the resource person.

In the morning session the guest lecture started (at 10:30 a.m. and continued up to 12:30p.m.) on ‘**Use and Design Principles of Jigs and Fixtures**’ to the II Year B. Tech. ME (A, C and D sections). In the afternoon the lecture started at 2:00 p.m. and continued up to 4:00 p.m. on the same topic to the II Year B. Tech. ME (B and E sections). During these sessions, the resource person covered the following topics:

1. Definition of Jigs and Fixtures
2. Use and advantages of Jigs and fixtures
3. Industrial requirement of these fixtures
4. Fundamental principles of Jigs and Fixtures
5. 321 principle use and application
6. Applications

The guest lecture was quite interactive and informative as the resource person gave several practical examples on the topic. The students actively participated in the session and gave good feedback at the end. The delegate expressed his happiness towards the active participation of students during the guest lecture and thanked faculty members for the cooperation.