

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on
One-Day Seminar on Career Opportunities for Mechanical Engineers
Organized by Dept. of Mechanical - MITS
20 July 2016



Submitted by: Mr. G. Guru Mahesh, Asst. Professor, Dept. of Mechanical Engineering.

The Department of Mechanical Engineering, Madanapalle Institute of Technology & Science, Madanapalle organized a one-day seminar on “**Career Opportunities for Mechanical Engineers**” for III B. Tech (ME) students on 20th of July 2016.

About the Speaker:

Dr. Ajay J. Singhal is currently working as Professor of Engineering, Pune-Dehradun & Manipal University, INDIA. He has 20 years of experience in both Industry and Academia. With a focus in Metallurgy and Materials Science, he actively involved in research activities pertaining to various Industries in USA. He did his Ph. D in High Energy eBeam Radiations, for which he was awarded Distinguished Scholar Award and was invited for association with New York Academy of Sciences. He was instrumental in making large scale collaborations with number of Companies, Research Labs, Universities, Hospitals and Experts worldwide in these areas.

About the Sessions: The program was initiated by formal invitation of keynote speaker along with Head of Mechanical Engineering Department. The Profile of Dr. Ajay J. Singhal was briefed by Dr. Suryanarayana Raju. Later Dr. Ajay J. Singhal started his presentation by giving the basic definition of Engineering and role of Mechanical engineering in the society. Later he revealed the statistics regarding the number of Mechanical Engineering Graduates coming into market and stressed on the lean size of suitable candidates fit for taking core job. He mentioned various reasons for this and focused his speech on necessary skillsets that are to be acquired for becoming successful in the profession.

According to Singhal the skills like Complex Problem Solving, Critical thinking, Judgment and Decision making, Active Learning, Quality control analysis should become inbuilt ingredients of a successful Mechanical Engineer. Analytical thinking, Innovation, Stress Tolerance, and Leadership are the requisites for the Engineers. In the next session, the keynote was delivered on preparation for various competitive exams, time Management and other important aspects.