

**M.A.M. COLLEGE OF ENGINEERING AND TECHNOLOGY.  
SIRAGANUR, TRICHY.  
DEPARTMENT OF EEE**

**GUEST LECTURE ON “OVERVIEW OF CONTROL SYSTEMS”**

The department of EEE organized a guest lecture on the topic “Overview of Control systems” on 13th June 2018 at the Charles Correa Hall, MAMSA from 9.30 a.m. to 12.30 p.m. The guest of honour invited was Dr. Shobana Devi who is the head of the EEE department at the University College of Engineering, Ariyalur. Her areas of interest include Control systems, Power Electronics, and Electrical Machines.

The session was convened by Ms. Rakkammal, HOD/EEE and she introduced the guest with a welcome address. The lecture was attended by the students of III year EEE and II year ECE. Dr. Shobana Devi briefed the students on the basic concepts of signals and systems, methods used for block diagram reduction, steady-state analysis, transient response, root locus technique, controllability and observability. She also emphasized on the analogy between electrical and mechanical systems. The practical applications of all these concepts were also discussed. The students actively participated in the session by raising questions and doubts which were effectively responded to by the guest.

At the end of the three-hour lecture, the students were able to gain a clear understanding of all the basic concepts of control systems mentioned above. The session ended on a thank you note delivered by Ms. Punithavathy, Assistant Professor/EEE.

