**GUEST LECTURE REPORT**

**Guest of honor:** Mr Md Misbahuddin Assistant Professor, University College of Engineering, Osmania University

**Title:** Microprocessors and Microcontroller

**Date:** 22-09-2017

**Time:** 10:00 A.M to 4:30 P.M

**Venue:** Seminar Hall

**Faculty Coordinator:** Mr A Santhosh Kumar

**Organizer:** SEA Association

**Attending Students:** III Year Students

**Report:**

SEA association of Electronics and Communication Engineering Department has organized a Guest Lecture about the Microprocessor and Microcontrollers architecture and their role in embedded system on 22nd September 2017 at Seminar Hall. The Guest speaker for the session was Mr Md Misbahuddin Assistant Professor, University College of Engineering,

The session started with welcome address by HOD ECE department Mr M Raju. The guest speaker in his lecture explained the architecture of different types of microprocessors and microcontrollers and he also explained the role of microprocessor and microcontroller in our daily life. His lecture was well received by the student’s of III ECE. Around 80 student’s have attended the seminar.

The following topics were covered in the session.

* 8085 microprocessor architecture
* 8086 microprocessor architecture
* Addressing modes
* Instruction set Architecture
* Big Endian and Little Endian Architectures
* Assembly Language
* Memory Mapped I/O and I/O mapped I/O interfacing
* 8051 Microcontroller architecture
* Difference between Mp and Mc
* Timers and Counters of Mc
* Interrupts
* Arm Controller

The session ended by 4:30 P.M. Mr A Santhosh Kumar, Assistant Professor ECE department thanked Guest Lecturer for his precious time to the studetn’s.

