DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Mylavaram,
Dt.: 27-08-2018.

DETAILED REPORT ON EVENT

Title of the Event : Five Day Certification Program on MEMS modeling using ANSYS

Event Type : Certification Program

Date / Duration : 20th – 25th August 2018

Resource Persons :

Mr. Visumendra Takur
Senior Application Engineer (ANSYS HF)
ARK Infosolutions Private Limited - Hyderabad

Mr. Gudavalli Ganesh Chakravarthi
Senior Application Engineer (ANSYS FEA)
ARK Infosolutions Private Limited - Hyderabad

Convenor : Dr. B. Poornaiah, HoD & Professor

Coordinators : Dr. T. Satyanarayana, Professor & Dr. B. Rambabu, Professor

Target Audience : B.Tech. EIE Students

No. of Participants : 31 (III EIE & IV EIE)

Objective of Event :
The five day certification program mainly focused on Micro-Electro-Mechanical Systems (MEMS) simulation using ANSYS Mechanical (KPDL), Electronics solver and ANSYS workbench. The key goal of the workshop is to enable attendees to become more familiar with ANSYS MEMS tools and to develop a better understanding of design considerations of microscale devices.

Outcome of Event :
After completion of the certification program, students could be able to understand the current workflow and toolset available in ANSYS to perform coupled-physics (Electronic & Mechanical solvers) MEMS simulations for different devices like RF MEMS Switches, pressure sensors, piezoelectric accelerometers etc.

Feedback/Suggestions: Suggested to conduct many more hands-on MEMS programs with specific application domain including fabrication exposure

Photographs : Attached below (Inaugural session, hands-on session, valedictory, press clippings etc).
Inaugural Session

Hon’ble Principal Addressing the students

Coordinator providing program details

Hands-on session

Hands-on session

HOD Addressing the students
Press Clippings

Andhrajyothi - 26/8/2018

Andhrabhoomi - 26/8/2018

Head of the Department