SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
Sree Sainath Nagar, A. Rangampet – 517 102

Department of Electronics and Communication Engineering

Report on
Two day Workshop on "MEMS Design Using CoventorWare"

The workshop started at 9:30 AM on 2nd April 2013 by conveying the workshop objective and introduction to resource persons Mr. Rakesh Ravindran Nair, Senior application engineer, Mr. Prasanna Kumar, Application Engineer and Mr. Muthuraman Iyer, Key Account Manager, from FTD Infocom Pvt. Ltd., Bangalore. 34 participants were registered for the program. Software materials and CoventorWare simulation software CDs with licenses were distributed to the registered participants.

During the first day i.e. 2nd April 2013, experts delivered the lecture on introduction to CoventorWare 2012 which is important for the participants who are new to this course. The same day they presented Creating process description and layout creation, Generating solid model and meshing. Finally hands on training was done on Discover CoventorWare 2012.

During the second day i.e on 3rd April 2013, they have given Class room exercises on Discover CoventorWare 2012 in all the sessions. Last day the program started at 9:00 AM and discussed the topics related to MEMS+3.0 product overview: new features, new physics, components what new devices and physics can you simulate with MEMS+3.0 and done some class room exercises. In the last session of day 3 presented Introduction to SEMulator3D and Class room exercise. Finally the participants were interacted with resource persons and cleared their problems which occur in their Research and Interdisciplinary fields.

Name of the Academic Program : Three Day Workshop on **"MEMS Design Using CoventorWare"**

Duration of the program(Dates**): 2-4 April 2013**

Outcomes

- ➢ Expanded the knowledge base of the teacher in this domain for research
- ➢ Maximized Industrial connectivity
- ➢ Provided a common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- ➢ Created opportunities and exploit the available resources to benefit society