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Report on

Two-day workshop on

**“Getting started with PCB designing and manufacturing”**

In today’s era PCB Designing is one of the most emerging fields in Electronics. For the students of Electronics it is a good field to start their career. PCB designers are key persons in research and development (R&D), electronics production units as well as in the PCB industry.

The workshop was aimed at providing knowledge about simulation tool to test electronics & electrical circuits in a software environment. Software named *Express PCB* was used to make physical Printed Circuit Boards. In all 18 post graduate students of MSc Part-I & II participated in this workshop.

Following topics were covered in the workshop:

(1) Schematic Design

(2) Component Footprint Design

(3) Integrated Library Design

(4) PCB Design & Routing

(5) Etching of PCB

(6) Drilling and soldering techniques

Mr. Maheshwar Falake & Ms. Naziya Shaikh coordinated & executed these two days of PCB Design workshop appreciably to make it a successful event. After attending this workshop students of SIES are now capable of Designing Special purpose PCB for any Electronics Project. This workshop was held from 23rd and 24th December 2016 between 10.30a.m. to 4.30p.m. in a total of twelve hours properly divided into theory and hands-on sessions.

Oral feedback regarding workshop was provided by students.

Mrs. Pratibha P. Pai HOD of Physics Department thanked every student for their active participation and enthusiasm towards the workshop. She mentioned about the activities conducted in the college by the department and also promised that department will continue its assistance in conducting such kind of workshops and seminars in future. We are really grateful for prompt support given by the Principal Dr. Uma Shankar to the department in conducting this workshop.

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