

Report

Five Day Internship Program-June 2018

“Electronic Circuit Simulation, development and documentation using LaTeX”

Department of ECE in association with **IE(I) student’s chapter of RCET** conducted a Five day internship program for Second year students of ECE & EEE during 25th to 29th June of 2018. The Program was coordinated by Mr. Narayanan P.P. (Asst. Professor, ECE) and Mr. Dileep M. (Lab Instructor, ECE). The Program aimed to develop technical skills of the students by learning and implementing simple but real time projects during the internship period.

Total Number of Students attended: **16 no.’s.**

Details of Program on each day are as follows:

Day-1: (25th June 2018)

Program started at 9.30am, after registration, at Advance Communication Lab. The morning session was handled by Mr. Dileep M. (Lab Instructor, ECE). The Students were familiarized with the Various Electronic components and equipment. The students were given assignments to be done using the familiarized equipment. In the afternoon session (held at VLSI Lab), the students were taught to use the circuit simulation tool: **PSpice**. Various basics circuits were simulated using this tool.

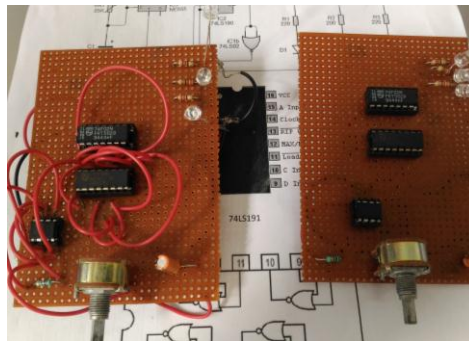
Day-2: (26th June 2018)

Program started at 9.30am at VLSI lab. Mr. Narayanan P.P. (Asst. Professor, ECE) handled the one day session on “Familiarizing the circuit simulation tool: **Circuit Wizard**”. The students were familiarized with the tool by simulating various analog and digital circuits. Students were given simple projects to simulate in Circuit Wizard.



Day-3: (27th June 2018)

Third day Program was conducted at Advance Communication Lab. The session aimed at implementing a circuit on dot-PCB. Mr. Narayanan P.P. (Asst. Professor, ECE) and Mr. Dileep M. (Lab Instructor, ECE) handled the session. The Students were taught how to connect the circuit components on the board and to solder the same. The students were given components and developed the circuit for traffic light signaling.



Day-4: (28^h June 2018)

The fourth day was handled by Ms. Sangeetha Gopinath (Asst. Professor, ECE) and Mrs. Nikitha V.P. (Asst. Professor, ECE). The students were introduced to the document preparation software tool: **LaTeX**. The students were familiarized with the tool and given various assignments.



Day-5: (29th June 2018)

The last day session was handled by Ms. Sangeetha Gopinath (Asst. Professor, ECE) and Mrs. Nikitha V.P. (Asst. Professor, ECE). Students were taught to use beamer (in LaTeX) to prepare presentation slides. The students were asked to write the report of the various work done during the 5-days using LaTeX.

The Valedictory function of the Internship program was held on 29th June 2018 During Afternoon at RCET. Mr. Narayanan P.P. (Asst. Professor, ECE) welcomed the staffs and students present at the function. Mr. Krishnakumar R. (HOD, dept. of ECE, RCET) addressed the gathering and mentioned the importance of internship program for the students pursuing Technical Education. Students were awarded the Certificates of Internship, and Course materials by Mr. Krishnakumar R.(HOD ECE), Mrs. Nikitha V.P. (Asst. Professor, ECE), Mr. Shehin A.U. (Asst. Professor, ECE) and Ms. Sangeetha Gopinath. (Asst. Professor, ECE). The function ended by the Feedback from students. Students gave good feedback about the program and put forward the request to implement similar internship programs during next summer vacation.

