



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi*Inculcating Values, Promoting Prosperity*

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.





Accredited at 'A' Grade by NAAC**Programmes Accredited by NBA: CSE, ECE, EEE & ME.**

E&C Dept.

IIC & ECSA

Workshop

2019-20(Odd Sem)

Date of Activity held and Time:	19/09/2019 to 22/09/2019 9.00am to 5.00pm			
Name of Activity:	Workshop on "PCB Designing and Testing"			
Type of Activity: (cultural/curricular/co-curricular)	Co-curricular			
Resource Person/Invitee:	Mr. Tulasidas Salunkhe			
Professional Details of Resource Person:	CEO Electrosal Hi Tech Pvt. Ltd. Nipani			
Year / Class:	3 rd Sem Sem Students of ECE & EEE Dept.			
No. of students:	36			
No. of Staff:	-			
Activity In charge:	Prof. D M Kumbhar, Prof. S S Patil			
Description of Activity: A workshop on "PCB Designing and Testing" was arranged by ECE Department for 3 rd Semester ECE & EEE students from 19/09/2019 to 22/09/2019 which was delivered by Mr. Tulasidas Salunkhe, Electrosal Hi Tech Pvt. Ltd. Nipani. In this workshop he gave tricks on PCB designing by using eagle software.				
The workshop focused on the basics of PCB designing tools. Students used Eagle PCB tool and completed various activities based on PCB designing. The same tool can be used for designing the schematic layout of the circuit which can be then converted into an equivalent PCB design. At the end, students successfully completed their PCB designs. After the session on design, the participants were taught PCB fabrication process and the steps involved in PCB designing printing, etching, drilling, component mounting, soldering and testing of circuits. Further these designed circuits were printed on the copper clads for the fabrication process. Next session students did component mounting, soldering and testing. In one of the sessions he highlighted on how to generate a Gerber file. Last session was an interactive one and also gave their feedback.				
Objectives		RBT level	PO	PSO
To learn software tool for PCB design, and to fabricate PCB layout, component mounting, soldering and testing.		L5	1,2,5,9, 10,12	2
 Co coordinator	 Coordinator ECSA & IIC	 HOD	 PRINCIPAL Hirasugar Institute of Technology NIDASOSHI-591 236	



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