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|  | S J P N Trust's | | ECE Dept. |
| | Hirasugar Institute of Technology, Nidasoshi. | | IIIC, ECSA |
| | <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. | | Workshop |
| | Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME. | | 2021-22 (Odd) |

| | |
|--|---|
| Date of Activity held and Time: | 16/12/2021 to 19/12/2021 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 Students of ECE Dept. |
| No. of students: | 45 |
| No. of Staff: | -- |
| Activity In charge: | Prof. D M Kumbhar, Prof. S S Patil, Prof. S S Malaj |

Description of Activity: A workshop on "PCB Designing and Testing" was arranged by ECE Department for 3rd Semester ECE students from 16/12/2021 to 19/12/2021 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, and component mounting, soldering and testing of circuits. Further these designed circuits were printed on the copper clad for the fabrication process. Next session students did component mounting, soldering and testing. Next sessions 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 |


Coordinator


ECSA & IIIC Coordinator


HOD
Electronics & Commn. Engg. Dept.
HSIT NIDASOSHI

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Inauguration of “PCB Design and Testing”



Mr. Tulasidas Salunkhe introducing about workshop on “PCB Design and Testing” at the time of inauguration.



Design print pressing on copper clad, etching and drilling process.



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ECE Dept.

IIIC, ECSA

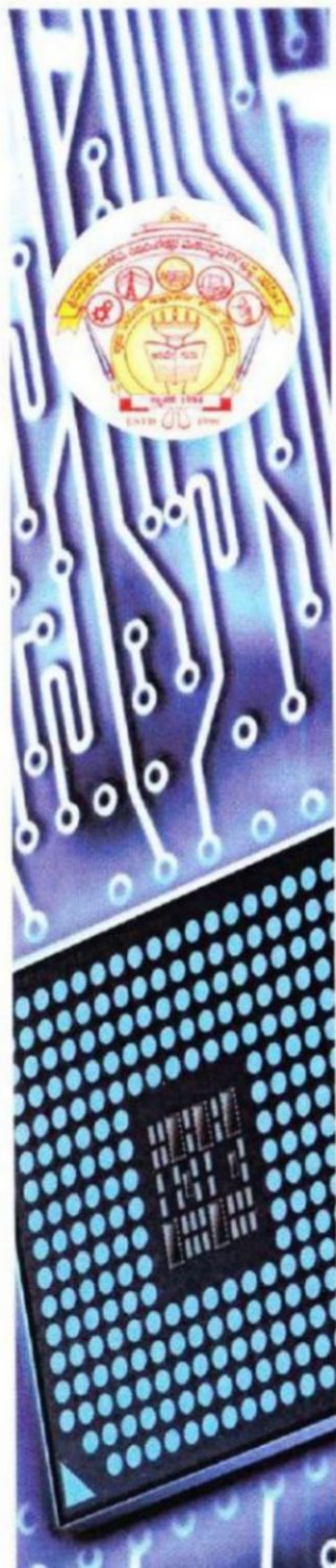
Workshop

2021-22 (Odd)

Valedictory Function



Workshop participation certificate distribution on the occasion of Valedictory Function
and address by the HOD Prof. S. B. Akkole.



S.J.P.N. Trust's

HIRASUGAR INSTITUTE OF TECHNOLOGY

NIDASOSHI-591236

(Approved by A.I.C.T.E., New Delhi and Affiliated to VTU, Belagavi, Karnataka)
Accredited at 'A' Grade by NAAC Programmes Accredited by NBA : CSE, ECE, EEE & ME.

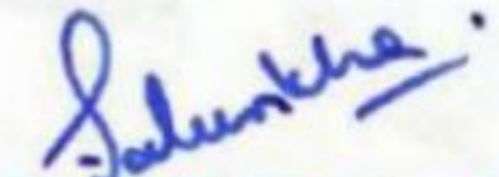
Department of Electronics and Communication Engineering
In Association with ECSA & IIC

Four Day's Workshop On

"PCB Design & Testing"

Certificate

This is to certify that Mr./Miss Omkan. Baravanni. Shankannavar
of III sem of ECE has actively
participated Four days' workshop on "PCB Design & Testing" Conducted by Electrosal
HiTech Pvt. Ltd. Nippani on 16th to 19th December 2021 at Hirasugar Institute of
Technology, Nidasoshi.


Mr. T D Salunkhe
CEO Electrosal HiTech Pvt. Ltd. Nippani


Prof. S B Akkole
HOD


Dr. S C Kamate
Principal





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CSE
Activity
Python
Course
2021-22

Department of Computer Science and Engineering

| | |
|---|--|
| Date of Activity held | 18-04-2022 to 30-4-2022 |
| Time | 2 PM – 5 PM |
| Type of Activity | 32 Hour - Python Course |
| Professional Details Of Resource Person | Karnataka Skill Development Corporation and Nandi Foundation |
| Participants | 3 rd Year Girl Students |
| No. of students | 30 |
| Activity in-charge | Dr. Mahesh G. Huddar |
| Description of Activity: The purpose of the webinar on “32 Hour - Python Course” is to create awareness about the Python programming language and future career opportunities in IT industry. The resource person Karnataka Skill Development Corporation and Nandi Foundation explained the concept in a very detailed manner. The knowledge of students was assessed using preliminary assessment, mid assessment, and final assessment. Course completion certificate was issued to all the successful students. | |

| Sl. No. | Objectives | POs |
|---------|---|------|
| 1. | Modern tool usage: to understand, use modern engineering tools. | PO5 |
| 2. | Individual and teamwork: Function effectively as a team member | PO9 |
| 3 | To creating innovative career path and higher studies | PSO2 |



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|----------------------|
| CSE |
| Activity |
| Python Course |
| 2021-22 |

Activity Photographs:




Activity Coordinator


HOD

Computer Science & Engg.
HIT, Nidasoshi

Nidasoshi-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India.
Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

| | |
|---|---|
| Date of Activity held | 8 th , 9 th , 10 th & 11 th Dec. 2021 |
| Time | 9.00am to 5.00pm |
| Type of Activity (cultural/curricular/co-curricular) | Four Days Workshop on “MATLAB and Simulink” (Co-Curricular) |
| Resource Persons: | Shri. Shivaraj V. S. |
| Professional Details of Resource Persons/Guests | Product Application Manager, Abeyantrix Soft Labs Pvt. Ltd. Davanagere. |
| Year / Class – | 5 th & 7 th sem students |
| No. of students- | 25 |
| Activity In charge- | Prof. H. R. Zinage & Prof. O. B. Heddurshetti |

Description of Activity:

Four Days Workshop on “MATLAB and Simulink” was organized by EESSA in association with Abeyantrix Soft Labs Pvt. Ltd. Davanagere during 8th to 11th Dec. 2021 for 5th and 7th sem students. The workshop was inaugurated on 8th Dec 2021. Dr. B. V. Madiggond, HOD, EEE welcomed the gathering. Mr. Akash Tukare of 5th Sem, introduced the resource person Shri. Shivaraj V. S., Product Application Manager, Abeyantrix Soft Labs Pvt. Ltd. Davanagere. Dr S. C. Kamate, Principal, HSIT, Nidasoshi presided over the function and advised the students to take benefit of the workshop.

The workshop included various theoretical and hands-on sessions on “MATLAB and Simulink” as per the schedule.

On 11th Dec 2021, the workshop concluded with valedictory function. Dr. B. V. Madiggond, HOD, EEE presided over the function. Certificates of participation were distributed to the participants by the dignitaries.



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EEE Dept.

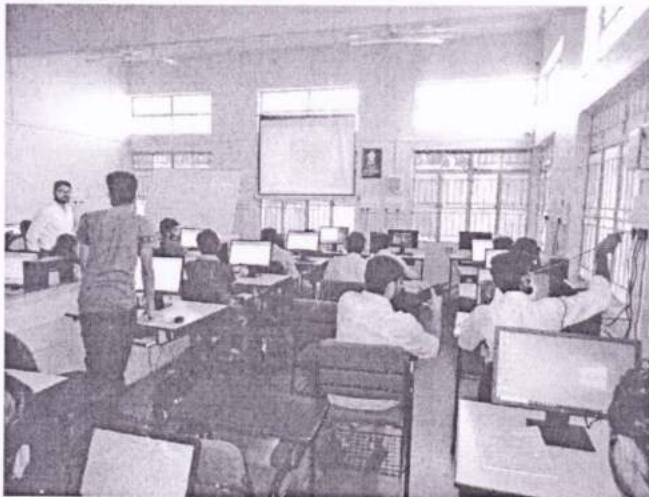
EESSA

Activity Report

2021-22
(Odd Sem)

Activity Photographs:

Four Days Workshop on "MATLAB and Simulink" during 8th to 11th Dec. 2021



Signature
13/12
EESSA Coordinators

Signature
13/12/21
HOD
Dr. B. B. Gogond
BEME, Ph.D.
Dept.



Certificate of Participation


This is to certify that


Mr/Ms. AKASH..R..TUKARE.....
of 5th Semester, Department of Electrical & Electronics Engineering,
Hirasugar Institute of Technology, Nidasoshi, Belagavi.
has actively participated in 4 days Hands-on workshop on

"MATLAB & SIMULINK"

Organised at Hirasugar Institute of Technology

from 8th- 11th of December 2021.


Dr. Basavaraj V Madiggond
HOD, Dept of E&EE
HSIT, Nidasoshi, Belagavi


Mr. SHIVARAJ V.S.
Product Application Manager
Abeyaantrix Softlab OPC Pvt Ltd.

Certificate issued
Date : 11-12-2021