	<b>S J P N Trust's</b> <b>Hirasugar Institute of Technology, Nidasoshi</b> <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. <b>Accredited at 'A' Grade by NAAC</b> <b>Programmes Accredited by NBA: CSE, ECE, EEE &amp; ME</b>	<b>EEE Dept.</b>
		<b>EESSA</b>
		<b>Activity Report</b>
		<b>2019-20 (Odd Sem)</b>

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

<b>Date of Activity held</b>	<b>19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> &amp; 22<sup>nd</sup> Sept 2019</b>
<b>Time</b>	<b>9.00am to 5.00pm</b>
<b>Type of Activity (cultural/curricular/co-curricular)</b>	<b>Four Days Workshop on “Basics of MATLAB and Simulink” (Co-Curricular)</b>
<b>Resource Persons:</b>	<b>1. Shri. Mallesh V. S</b>  <b>2. Shri. Shivaraj V. S</b>
<b>Professional Details of Resource Persons/Guests</b>	1. Technical Team Manager & Trainer, Abeyantrix Soft Labs Pvt. Ltd. Davanagere. 2. Application Engineer, Abeyantrix Soft Labs Pvt. Ltd. Davanagere.
<b>Year / Class –</b>	<b>5<sup>th</sup> &amp; 7<sup>th</sup> sem students</b>
<b>No. of students-</b>	<b>40</b>
<b>Activity In charge-</b>	<b>Prof. H. R. Zinage &amp; Prof. O. B. Heddurshetti</b>

**Description of Activity:**

Four Days Workshop on “Basics of MATLAB and Simulink” was conducted by EESSA in association with Abeyantrix Soft Labs Pvt. Ltd. Davanagere during 19<sup>th</sup> to 22<sup>nd</sup> Sept 2019 for 5<sup>th</sup> and 7<sup>th</sup> sem students. During inauguration of the workshop, Prof Hemalata Zinage welcomed the gathering, introduced the resource persons and also briefed about the objectives of the workshop. Dr B. V. Madiggond, HOD, EEE presided over the function and advised the students to take benefit of the workshop.

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

On the last day of workshop during the valedictory function, Dr. S. C. Kamate, principal, HSIT presided over the function and Dr. P. C. Barki, HOD, CSE was the chief guest. Certificate of participation were distributed to the participants by the dignitaries.





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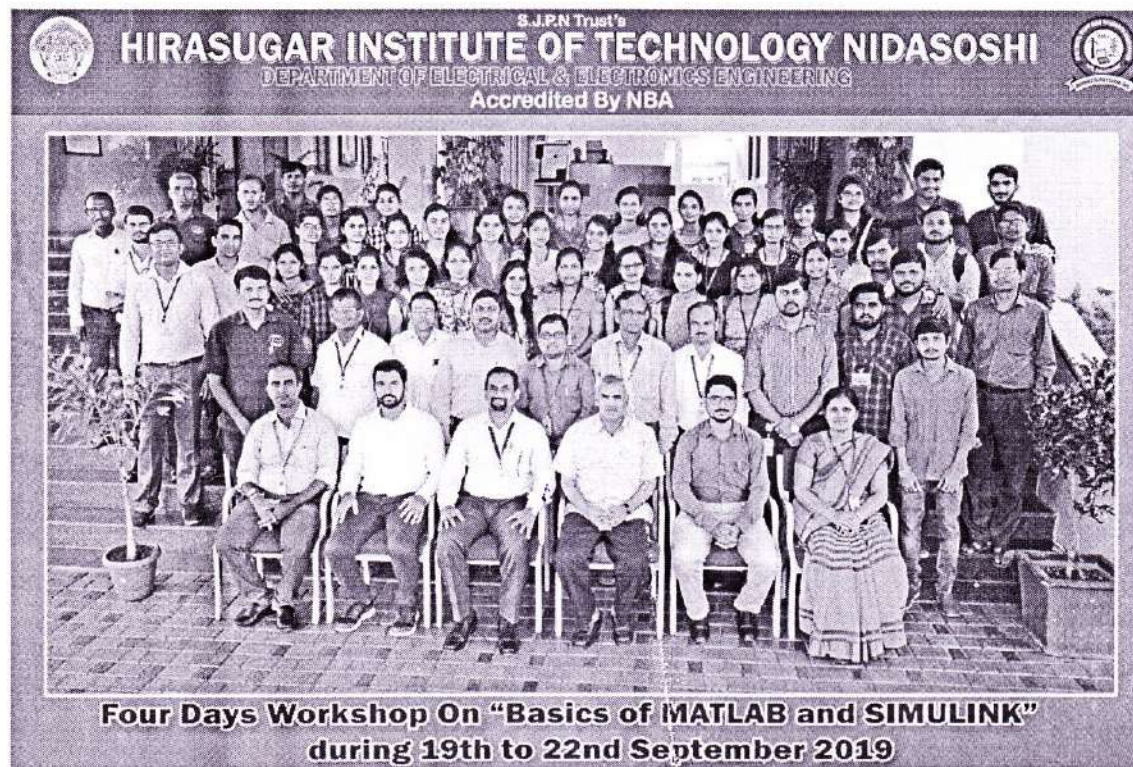
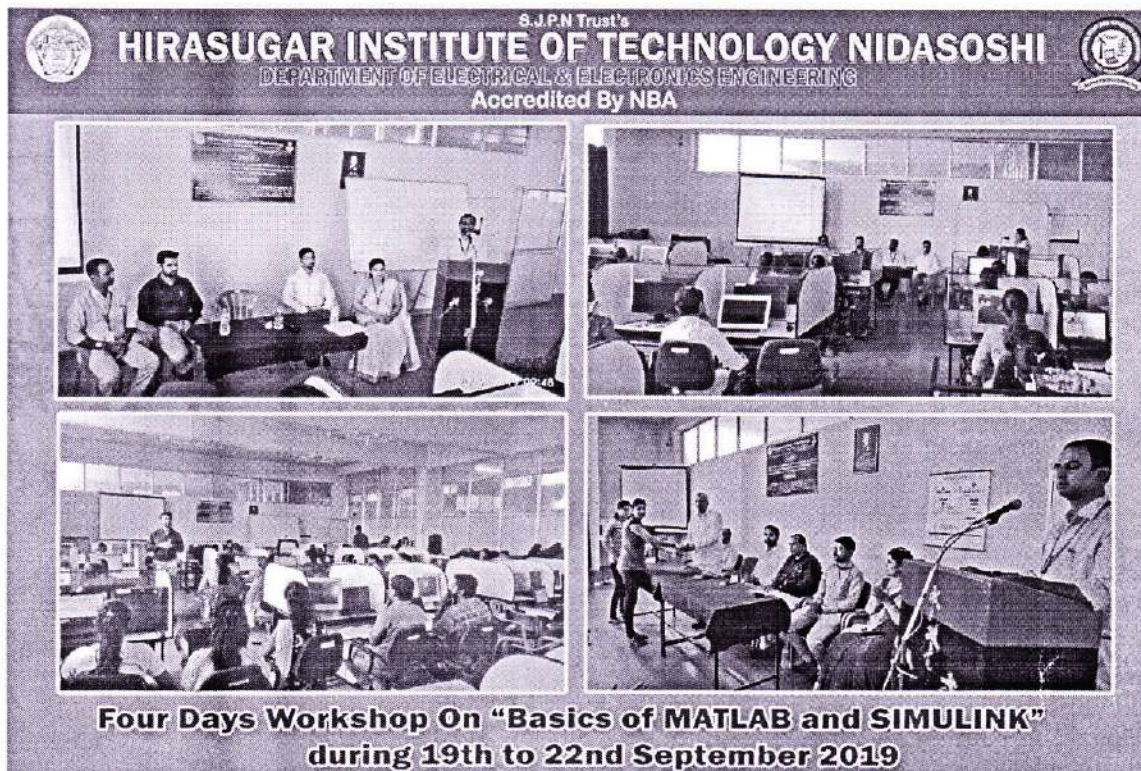
EEE Dept.

EESSA

Activity Report

2019-20  
(Odd Sem)

**Activity Photographs:**



*Prinage*  
EESSA Coordinators

*Bal 25/9*  
HOD





Abeyaantrix SoftLab

Reshaping the Engineers

# Certificate of Participation

This is to certify that Mr./Ms. SHARADA M. HIEMATH of 7<sup>th</sup> Sem, EEE Branch has actively participated in a Four days hands-on workshop on

## "Basics of MATLAB and SIMULINK"

organised at Hirasugar Institute of Technology, Nidasohni, in association with Department of Electrical and Electronics Engineering (NBA Accredited), during 19<sup>th</sup> to 22<sup>nd</sup> of September 2019.

Virupakshappa H S

Director

Abeyaantrix SoftLab OPC Pvt Ltd





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Mech. Engg. Dept.

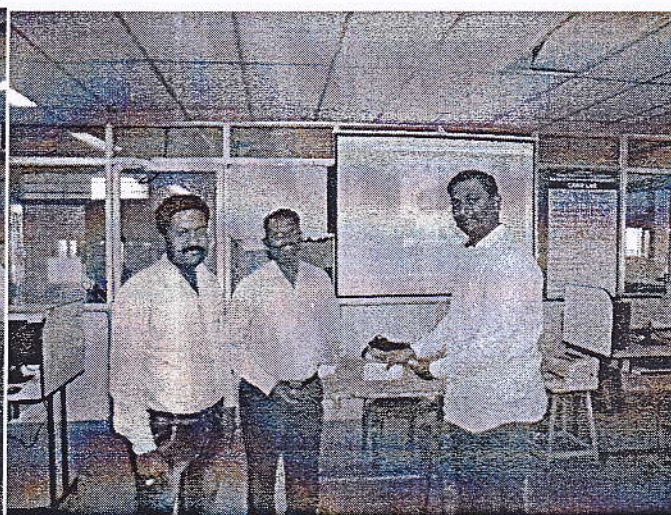
AIMSS

Training Programme

2019-20 (Odd)

## Training Programme on CATIA and GD&T

Training Programme on CATIA and GD&T was organised by Department of Mechanical Engineering from 27<sup>th</sup> January 2020 to 15<sup>th</sup> February 2020 between 10.00 AM to 5.30 PM in the Computer Aided Machine Drawing Lab for pre final and final year students. Mr. Shivanand D. Centre Head, CADD Centre, Belagavi were resource person for this event. Dr. Basavaraj M. Shrigiri, Professor and Head, Department of Mechanical Engineering welcomed the gathering. Prof. M.I. Tanodi, Asst. Professor, Department of Mechanical Engineering and Prof. M. M. Shivashimpi, Asst. Professor, Department of Mechanical Engineering were the coordinator for the event. Dr. K. M. Akkoli, Asst. Professor HOD, Department of Mechanical Engineering distributed certificates to participants. Total 23 students have attended the event.



### CO's, PO's and PSO's Correlation:

CO No.	CO Defined	RBT Level	Relevance to PO's and PSO's
CO	Exposure on Usage of Modern Tools and Problem Analysis	L3 and L4	PO2,PO3,PO4,PO5 PSO2 and PSO3

**AIMSS Coordinator**  
**(Prof. M. M. Shivashimpi)**

**HOD**  
**(Dr. K. M. Akkoli)**  
**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**





# INSTITUTIONAL COURSE CERTIFICATE OF COMPLETION

**CADD  
CENTRE**

Skills Driven. Job Led

Awarded to : Mahantesh Kamate

In : Course on CATIA Essential with GD&T

At : Hirasugar Institute of Technology

By : CADD Centre Training Services, Belgaum, Nehru Nagar

During : Feb-2020 Duration : 96 Hrs Student ID: C200160096



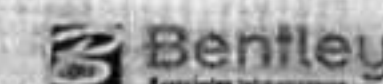
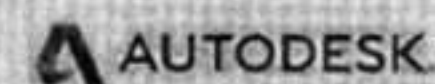
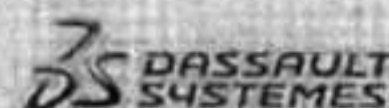
  
MANAGING DIRECTOR

Shivanand Shivaputra Daroji

CENTRE HEAD

19-03-2020

DATE OF ISSUE



The course is offered by CADD Centre on the software developed by the respective companies. All brand names and trademarks belong to respective owners. Institutional Course are specially designed for meeting the academic curriculum requirements. The course offered at the institutes, by qualified trainers and supporting study materials.

Corporate Office : 8<sup>th</sup> Floor, GEE GEE Crystal, Office No. 8C & 8D, #91, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004. India.

[www.caddcentre.com](http://www.caddcentre.com)

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ECE Dept.

ECSA

Fresher's Day

2019-20

(Odd-Sem)


Date of Activity held and Time:	26/02/2020 to 28/02/2020 9.00am to 6.00pm and 29/02/2020 9.00am to 4.00pm
Name of Activity:	Workshop on Design and Simulation of Microstrip Antenna Using HFSS tool
Type of Activity: (cultural/curricular/co-curricular)	Curricular
Resource Person/Invitee:	Mr. Akash Niha solutions Bangalore
Professional Details of Resource Person:	Application Engineer <a href="mailto:akash@arkinf.co.in">akash@arkinf.co.in</a> 918142787801
Year / Class:	6 <sup>th</sup> and 8 <sup>th</sup> Sem ECE
No. of students:	78
No. of Staff:	All (11)
Activity In charge:	Prof. S.B akkole and Dr. Shilpa Shrigeri


**Description of Activity**

The Workshop on Design and Simulation of Microstrip Antenna Using HFSS tool is being organised by ECSA for 6<sup>th</sup> and 8<sup>th</sup> Sem electronics and communication engineering students from 26/02/2020 to 29/02/2020. The resource person for the workshop was Mr. Akash, Niha Solutions Bangalore. The workshop started On 26/02/2020 with the inauguration function and garlanding statue of Sir M. Visvesvaraya by Mr. Akash. President for the function was Dr. Shilpa Shrigeri HOD ECE Dept. and Prof. S. B Akkole workshop coordinator addressed the function and emphasized the antenna use in industry and research.


Mr. Akash handled all the session all four days and gave hands on session of the microstrip antenna design and simulation by designing the prototype Dipole antenna, Rectangular Microstrip antenna and Helix antenna. He also explained the theory of the radiation of antenna and its design equations further he also explained electromagnetic theory, radiation patterns, return loss, VSWR and impedance matching.

The valedictory function was organized on 29/02/2020. Dr. S C Kamate Principal addressed the students and asked the students to undertake hobby research projects and present the papers. Dr. Shilpa Shrigeri, Dr. Ravi Yadahalli and Prof. S B Akkole graced the occasion and delivered talk on antenna applications.

  
S. B. AKKOLE  
Staff. In charge.

  
HOD  
Electronics & Commn. Engg. Dept.  
HSIT NIDASOSHI



	S J P N Trust's		ECE Dept.
	<b>Hirasugar Institute of Technology, Nidasoshi.</b>		ECSA
	<i>Inculcating Values, Promoting Prosperity</i>		Fresher's Day
	Approved by AICTE, New Delhi Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at "A" Grade by NAAC Programmes Accredited by NBA: CSE,ECE, EEE & ME		2019-20 (Odd-Sem)

## Workshop Photos



**Inauguration of Workshop on Design and Simulation of Microstrip Antenna Using HFSS tool**






**Resource Person Mr.Akash Application Engineer explaining HFFS tool**





**Students feedback on the Design and Simulation of Microstrip Antenna**



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	<b>ECE Dept.</b>	
	<b>ECSA</b>	
	<b>Fresher's Day</b>	
	<b>2019-20</b> <b>(Odd-Sem)</b>	



**Certificate distribution to the participants**



**Certificate distribution to the participants**



S.J.P.N. Trust's

## HIRASUGAR INSTITUTE OF TECHNOLOGY NIDASOSHI-591236

(Approved by AICTE, 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

Four Day's Workshop On

**"Design & Simulation of Microstrip Antenna using HFSS Tool"**

### Certificate

This is to certify that Mr./Miss Sanketh B. Pimple  
of VIII Sem ECE Department has actively  
participated in Four days' workshop on "Design & Simulation of Microstrip Antenna using  
HFSS Tool" Conducted by Niha Solutions, Bengaluru from 26<sup>th</sup> to 29<sup>th</sup> February 2020 at  
Hirasugar Institute of Technology, Nidasoshi.

  
**Mr. Aakash**  
Application Engineer


  
**Prof. S B Akkole**  
Co-ordinator

  
**Dr. Shilpa B Shrigiri**  
HOD

  
**Dr. S C Kamate**  
Principal





	<p style="text-align: center;">S J P N Trust's</p> <p style="text-align: center;"><b>Hirasugar Institute of Technology, Nidasoshi.</b></p> <p style="text-align: center;"><i>Inculcating Values, Promoting Prosperity</i></p> <p style="text-align: center;">Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.</p> <p style="text-align: center;">Accredited at 'A' Grade by NAAC</p> <p style="text-align: center;">Programmes Accredited by NBA: CSE, ECE, EEE &amp; ME.</p>		ECE Dept.
			IIIC, ECSA
			Workshop
			2019-20 (Odd)

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 <sup>rd</sup> 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<sup>rd</sup> 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 & IIIC

  
HOD

  
PRINCIPAL

Hirasugar Institute of Technology  
NIDASOSHI-591 236





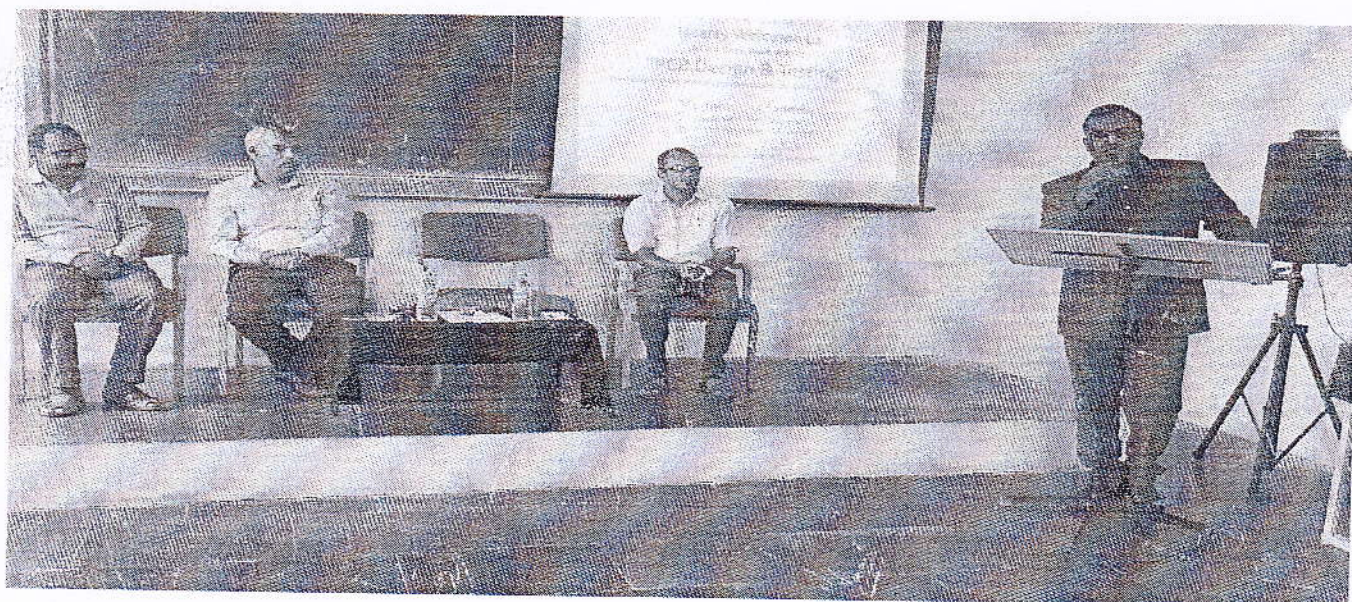
S J P N Trust's  
**Hirasugar Institute of Technology, Nidasoshi.**  
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ECE Dept.  
IIIC, ECSA  
Workshop  
2019-20 (Odd)

### Inauguration of "PCB Design and Testing"



Presidential remarks by our beloved Principal Dr. S C Kamate at the time of inauguration of workshop on "PCB Design and Testing"



Mr. Tulasidas Salunkhe guiding students to design PCB layout.





S J P N Trust's

## Hirasugar Institute of Technology, Nidasoshi.

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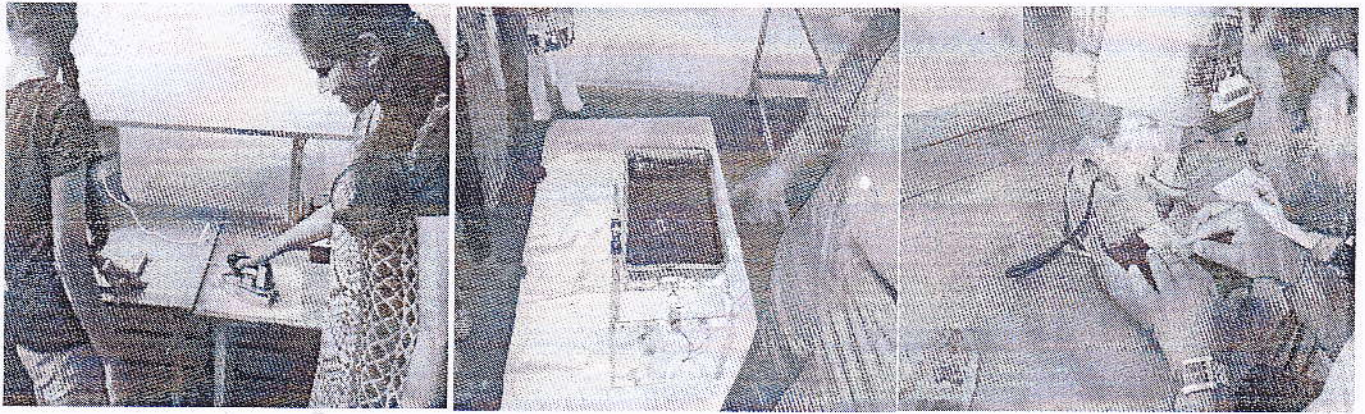
Programmes Accredited by NBA: CSE, ECE, EEE & ME.

ECE Dept.

IIIC, ECSA

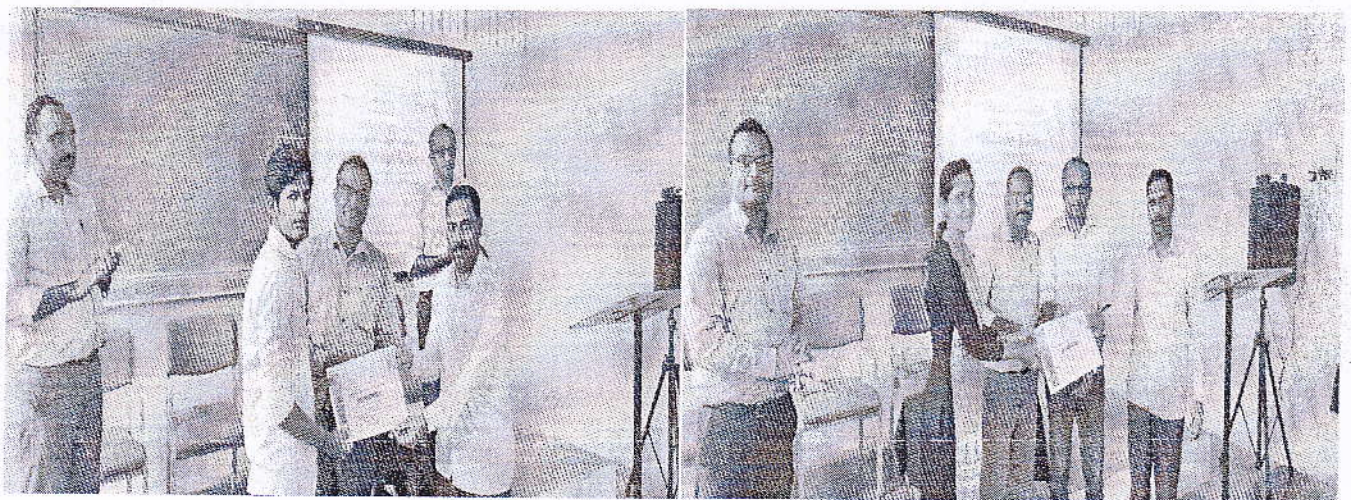
Workshop

2019-20 (Odd)



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

### Valedictory Function



Workshop participation certificate distribution on the occasion of Valedictory Function.



S.J.P.N. Trust's

# HIRASUGAR INSTITUTE OF TECHNOLOGY

## NIDASOSHI-591236

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

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

Four Day's Workshop On

## "PCB Design & Testing"

### Certificate

This is to certify that Mr./Miss Manjunath Kiudannavar  
of III Sem ECE has actively  
participated three days' workshop on "PCB Design & Testing" Conducted by **Electrosal**  
**HiTech Pvt. Ltd. Nippani** on 19<sup>th</sup> to 22<sup>nd</sup> September 2019 at Hirasugar Institute of  
Technology, Nidasoshi.

*Salunkhe*

Mr. T.D. Salunkhe

*@*


Dr. V.G. Keshavagoudar

*Kav*

Dr. S.C. Kamate





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			<b>ISTE</b>
			<b>Workshop</b>
			<b>2019-20(Odd)</b>

<b>Date of Activity held and Time:</b>	19/09/2019 to 22/09/2019      09.00am- 05.30pm
<b>Name of Activity:</b>	Four days workshop on "Python Programming"
<b>Type of Activity:</b> (cultural/curricular/co-curricular)	Co-curricular
<b>Resource Person/Invitee:</b>	Mr. Shitalkumar Borganve
<b>Professional Details of Resource Person:</b>	Senior Technical Lead, HCL Technologies Ltd. Bangalore.
<b>Year / Class:</b>	5 <sup>th</sup> Sem Students of ECE Dept.
<b>No. of students:</b>	41
<b>No. of Staff:</b>	-
<b>Activity In charge:</b>	Dr. V. G. Kasabegoudar & Prof. S. S. Itannavar

**Description of Activity:** Four days workshop on "Python Programming" was arranged on 19/09/2019 to 22/09/2019. The workshop was arranged by Electronics and Communication Dept. in association with ISTE Student chapter HSIT, Nidasoshi. Resource person for the workshop was **Mr. Shitalkumar Borganve**, Senior Technical Lead, HCL Technologies Ltd. Bangalore. In this workshop they told some tricks to the students to learn and develop applications using Python programming language.

The workshop focused on the basics of Python Programming. In the starting session they gave the introduction of Python programming. Later they told setting up development environment of Python software. Students gained hands on experience on Control statements, String manipulation, Tuples, dictionaries, Functions based examples by using Python software. They also learnt how to develop program modules and Running example codes. Last session was interactive one and also students gave their feedback.

CO No.	CO Defined	RBT Level	Relevance POs	Relevance POs
1	To understand the setting up development environment and hands on experience by working on examples in Python language.	L5	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO11, PO12	PSO1, PSO2





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ECE Dept.

ISTE

Workshop

2019-20(Odd)



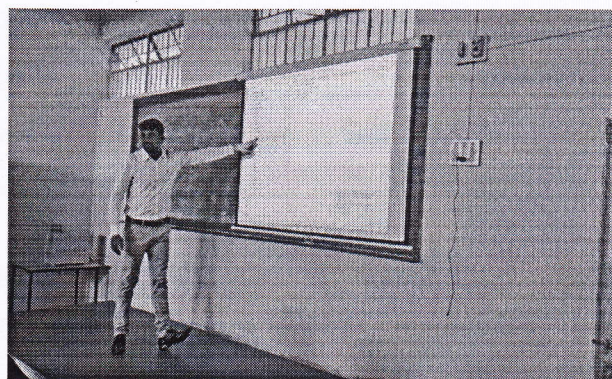
Presidential remarks by our beloved HOD Dr. V. G. Kasabegoudar at the time of Inauguration of Four days workshop on "Python Programming"



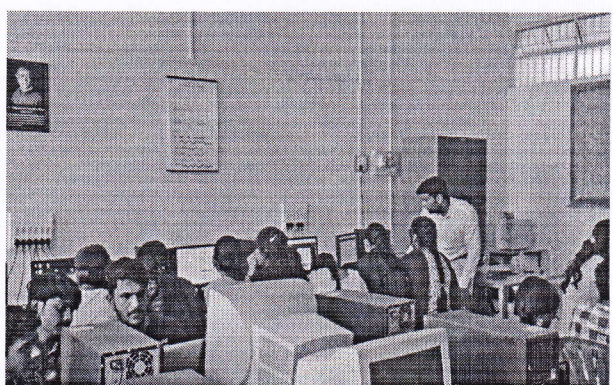
Mr. Shitalkumar Borgane, Resource person, briefing about the workshop.



Mr. Shitalkumar Borgane, Resource person, delivering hands on session on Python Programming.



Students Programming their own by using Python Software

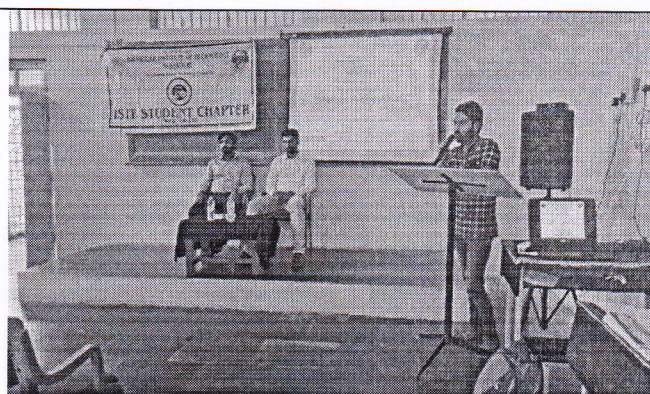
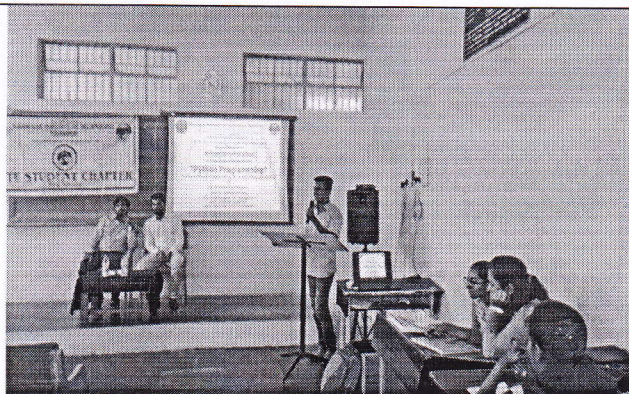




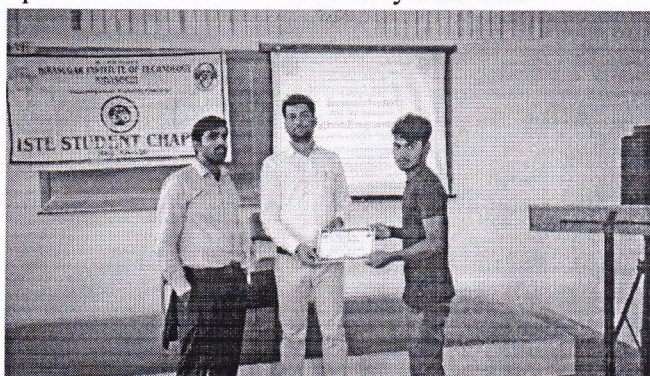
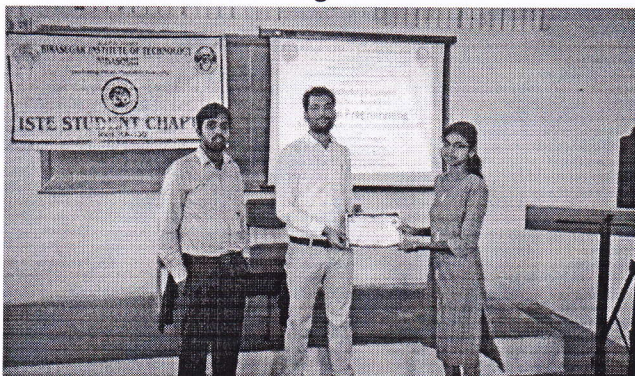


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**ECE Dept.**  
**ISTE**  
**Workshop**  
**2019-20(Odd)**



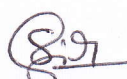
Students sharing their feedback about workshop on the occasion of Valedictory Function.





Workshop Participation certificate distribution by Resource Person Mr. Shitalkumar Borganve.



Group Photo of Workshop Participants

  
ISTE, Convener

  
**HOD**  
**Electronics & Commn. Engg. Dept.**  
**HSIT NIDASOSHI**

  
**PRINCIPAL**  
**Hirasugar Institute of Technology**  
**NIDASOSHI - 591 236**





*ECE Department, ISTE Student Chapter, HSIT Nidasoshi  
And*

*Youth Innovations Bangalore*  
Jointly Organised Four Days Workshop on  
**Python Programming**

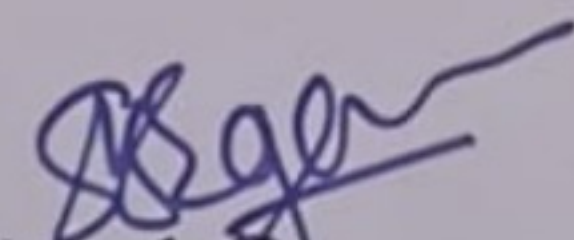


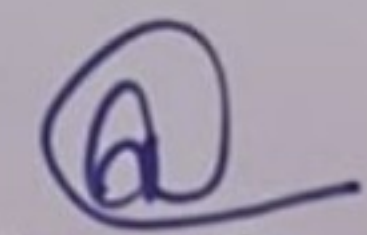
# *Certificate of Participation*

This is to Certify that

Mr/Miss Nisarga Bagalkot

of 5<sup>th</sup> Sem ECE department HSIT NIDASOSHI, has actively participated in  
Four days workshop on " Python Programming " by YOUTH INNOVATIONS  
from 19<sup>th</sup> to 22<sup>nd</sup> Sept. 2019 held at Hirasugar Institute of Technology, Nidasoshi.

  
Mr. Shital Borganve  
Resource Person

  
Dr. V. G. Kasabegoudar  
HOD

  
Dr. S. C. Kamate  
Principal