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			Training
			Aptitude Program
			2022-23

Date: 18/01/2023

## Circular

All the final year students are hereby informed to attend the training on **Placement Aptitude Training Programme & Career Counseling** scheduled from 06/02/2023 to 11/02/2023 (6 Days) by Mr. Anand Kanthi, Aptitude Trainer. All the final year students need to assemble in Mechanical seminar at 09.00am on 06/02/2023.

**The overview of the syllabus is mentioned bellow:**

Placement Aptitude Courses include aspects like

1) Quantitative Aptitude.

2) Logical Reasoning

3) Mock Tests

In addition to the above course He will guide you further for other competitive exams with below subjects

1) English Language, 2) General Awareness, 3) Banking Awareness, 4) Financial Awareness

5) Strategies to Crack Competitive Exams, 6) Career Guidance, 7) Online Mock Test.


The Above course will be useful for exams like **Campus Placement Aptitude, NRA CET, Railways, SSC, Banking, AFCAT, CDS, CLAT, MBA CET, CAT, CMAT, and Any Government Job Exams**

### **SHORT SESSION (Crash Course/Certification Course)**

It is 6 days (30 hours) programme on Placement Aptitude. The complete details of this short course is mentioned below

	Session 1 (10am to 1pm)		Session 2 (2pm to 4pm)
Day 1	Importance of Aptitude after Engineering. (Let's make Aptitude easier for Campus Placement)	1pm- 2pm	Number System LCM and HCF Number Series
	Vedic Mathematics		
Day 2	Ratio and Proportion Partnership Problems on Ages	L U N C H	Verbal Reasoning-I <b>MOCK TEST -I</b>
	Percentage Profit and Loss Discount		Simple interest Compound interest
Day 4	Time Speed Distance Problems on Train Boat and Stream	B R E A K	Average Verbal Reasoning-II <b>MOCK TEST -II</b>
	Time and Work Pipe and Cistern Mixture and Allegation		Area and Volume Critical Reasoning
Day 6	Data Interpretation Permutation and Combination Probability		Non Verbal Reasoning <b>MOCK TEST -III</b>



	<p align="center"><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 Permanently Affiliated to VTU, Belagavi.  <b>Accredited at 'A' Grade by NAAC</b>  <b>Programmes Accredited by NBA: CSE &amp; ECE.</b>  <b>TRAINING &amp; PLACEMENT CELL</b></p>	<b>TP Cell</b>
		<b>Training</b>
		<b>Aptitude Program</b>
		<b>2022-23</b>

**Details of syllabus are mentioned below:**

**QUANTITATIVE APTITUDE**

1 Vedic Maths	13 L.C.M and H.C.F	26 RACES
2 BODMAS RULE	14 AVERAGE	27 TIME AND WORK
3 DIVISIBILITY RULE	15 RATIO AND PROPORTION	28 PIPE AND CISTERN
4 POWER INDICES RULE	16 PARTNERSHIP	29 AREA AND VOLUME
5 DECIMAL AND FRACTION	17 PROBLEMS ON AGES	30 PERMUTATION AND COMBINATION
6 SURDS AND RULES	18 PERCENTAGE	31 PROBABILITY
7 REMAINDER THEOREM	19 PROFIT AND LOSS	32 MIXTURE AND ALLEGATION
8 UNIT DIGIT	20 DISCOUNT	33 DATA INTERPRETATION
9 SQUARE ROOTS	21 SIMPLE INTEREST	34 HEIGHT AND DISTANCE
10 CUBE ROOTS	22 COMPOUND INTEREST	35 SIMPLIFICATION
11 APPLICATION OF IDENTITIES	23 TIME SPEED DISTANCE	36 NUMBER SERIES
(ALGEBRAIC FORMULAE)	24 PROBLEMS ON TRAIN	37 QUADRATIC EQUATION
12 ARITHMETIC PROGRESSION	25 BOATS AND STREAM	
N GP		


**LOGICAL REASONING**

1 ALPHANUMERIC SERIES	13 NUMBER RELATED TEST	24 PATTERN PERCEPTION
2 ORDERING / RANKING TEST	14 MATRIX	25 CUBE AND DICES
3 BLOOD RELATION	15 CALENDER	26 ANALOGY
4 DIRECTION SENSE	16 CLOCK	27 STATEMENTS AND ARGUMENTS
5 INPUT OUTPUT	17 WORD FORMATION	28 STATEMENT AND CONCLUSION
6 SYLLOGISM	18 DATA SUFFICIENCY	29 INFERENCE AND THEME DETECTION
7 LOGICAL VENN DAIGRAM	19 SPOTTING OUT THE EMBEDDED FIGURES	30 CAUSE & EFFECT
8 SEATING ARRANGEMENT	20 MIRROR IMAGE	31 CLASSIFICATION (ODD ONE OUT)
9 INEQUALITY	21 WATER IMAGE	
10 TEST ON ALPHABET	22 PAPER CUTTING	
11 CODING AND DECODING	23 SERIES COMPLETION	
12 BOX PUZZLE		

**Advantage of this course,**

- ❖ The students will be aware of all the competitive exams and will set goals to achieve them. This will result in more positive students in the campus drive and will be placed in the right companies.

  
**Prof. N. M. Patel**  
 Dean Placements & III Cell

  
**PRINCIPAL**  
 Hirasugar Institute of Technology  
 NIDASOSHI-591236







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Mech. Engg. Dept.

AIMSS

Activities

AY:2022-23

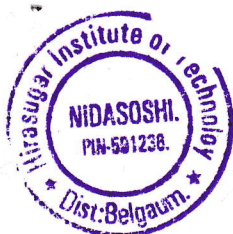
**Activity Brochure****Activity: A collaborative hands-on STTP on "Design and Analysis using MSC Apex Software & Multi body Dynamics (Motion Simulation)"**

Date-Time& Venue:	17 <sup>th</sup> – 19 <sup>th</sup> November 2022 @ NBA Seminar Hall and Research/CAED Lab
Resource Persons:	From ALTEM Technologies Pvt. Ltd, Bengaluru and VTU Belagavi
Participants:	➤ VII Semesters Mechanical Students ➤ Mechanical Staff Members
Course Coordinator	Prof.D.N.Inamdar
Objectives:	<ol style="list-style-type: none"> <li>1. To understand modelling, design and simulation software</li> <li>2. To design and analysis of systems and processes using MSC-Apex and ADAM Software tools.</li> <li>3. To have hands-on experience on Multi body dynamics softwares using motion simulation.</li> <li>4. To model, design and analysis of complex and relevant industrial engineering problems of national interest</li> <li>5. To promote Activity Based and Participative Learning</li> </ol>
Program Outcomes: (POs)-Attainment Weight age (Low as1-High as 3):	PO1: Engineering knowledge-3 PO2:Problem Analysis-2 PO3: Design/Development of Solutions-1 PO4:Modern Tool Usage-3 PO8:Ethics -1 PO10:Communication-2 PO12:Life long Learning-3 PSO1-3, PSO2-2 & PSO3-2

Mr.Kiran Dangi  
VIISem, Secretary-AIMSS

Prof.D.N.Iamadar&Prof.M.M.Shivasimpi  
AIMSS Coordinators

Dr.S.N.Topannavar  
**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**



Dr.S.C.Karnate  
**PRINCIPAL**  
**Hirasugar Institute of Technology**  
**NIDASOSHI-591236**



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### STTP on

**"Design and Analysis using MSC Apex Software & Multi Body Dynamics (Motion Simulation)"**

(In Collaboration with Altem Pvt. Ltd. Bengaluru & VTU, Belagavi)

### Training Schedule

Time: 8.00 am to 6.00 pm

Venue: NBA Seminar Hall & Research Centre of ME, Dept.

SL NO	Date	Software's	Sessions	Topics	Resource Persons
1	17-11-2022	Apex (Simulation and modelling)	Session 1 (8.00 am-11.00 am)	1.Introduction to VTU - Visualizing Softwares and capabilities	Mr. Manohar S.N. & Mr.Vivek Diwan.
				2.Introduction to Apex graphical user interface and tools and commands.	
				3. Tea Break	
			Session 2 (11.15 am- 1.15 pm)	4.Hands on workshop	
				5. Linear static analysis of shaft.	
				6. Compound bar problems.	
				7. Buckling analysis of cylinder.	
			8.Lunch Break		
			Session 3 (2 pm- 3.30 pm)	9. Normal modal analysis.	
				10. Piston cylinder analysis.	
11.Tea Break					
Session 4 (3.45 pm- 6.00 pm)	12. Beam problems and various cross sections.				
	13.Industrial workshop - car floor (Preprocessing stage)				
2	18-11-2022	Adams (Multi - Body dynamics)	Session 5 (8.00 am-11.00 am)	1.Introduction to software graphical user Interface and capabilities.	Mr. Manohar S.N. & Mr.Vivek Diwan.
				2.Hands on session on various tools commands in Adams.	
				3. Tea Break	
			Session 6 (11.15am- 1.15 pm)	4.Hands on workshop	
				5. Stone falling under gravity.	
				6. Projectile motion.	
				7.Lunch Break	
			Session 7 (2 pm- 3.30 pm)	8. Slider cranks mechanism.	
				9. Toggle Mechanism.	
				10. Tea Break	
Session 8 (3.45 pm- 6.00 pm)	11. Lift mechanism.				
	12. Hands on practice with solving numerical.				
	3	19-11-2022	MARC and patran and Adams	Session 9 (8.00 am-11.00 am)	1. Slotted lever mechanism.
2. Simple pendulum.					
3. Tea Break					
Session 10 (11.15am- 1.15 pm)				4.Spring problem and Introduction to MSC- Skill connect	
				5. Cantilever beam using patran.	
6.Lunch Break					
Session 11 (2 pm- 3.30 pm)				7. Simple cube analysis using Marc.	
				8. Impact analysis using Marc.	
				9. Tea Break	
Session 12 (3.45 pm- 6.00 pm)				10. Analysis of the Bars using Marc.	
	11. Hands on practice with solving numerical.				
	12. Hands on practice with solving numerical.				

#### Training Coordinators

1. Mr. Manohar S N
2. Mr. Vivek Diwan

#### Course Coordinator

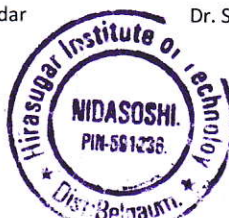
Prof. D.N. Inamdar

HOD

Dr. S. N. Topannavar

Principal

Dr. S.C. Kamate







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**TRAINING & PLACEMENT CELL**

TP Cell

Training

Software  
Training

2022-23

**Notice/Circular**

Date: 20/10/2022

**Free Software Training**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to Refer the following details of the event.

<b>Eligible Branch/Class &amp; %Age:</b>	<b>BE (CSE, ECE, EEE &amp; ME) 2023 Passing out Batch</b>
<b>Company/Event Name &amp; Nature :</b>	<b>Besant Technologies, Bengaluru</b>
<b>About Training Institute:</b>	Besant Technologies, a leading <b>Software Training and Placement Institute</b> in Chennai & Bangalore with <b>20+ Branches</b> . Currently, we are offering <b>Free Software training Courses</b> for freshers in <b>Manual Testing, Automation Testing, JAVA, DotNet, &amp; Python</b> with <b>10+ Live Industry Projects</b> .
<b>Course Fee:</b>	<ul style="list-style-type: none"> <li>• Free Live Online Training.</li> <li>• This Comprehensive Live-Instructor Led Classes is Completely Free, with No Hidden Charges.</li> </ul>
<b>Trainer Profile:</b>	<p>Our Trainers provide complete freedom to the students, to explore the subject and learn based on real-time examples. Our trainers help the candidates in completing their projects and even prepare them for interview questions and answers. Candidates are free to ask any questions at any time.</p> <ul style="list-style-type: none"> <li>• More than 10+ Years of Experience.</li> <li>• Trained more than 2000+ students in a year.</li> <li>• Strong Theoretical &amp; Practical Knowledge.</li> <li>• Certified Professionals with High Grade.</li> <li>• Well connected with Hiring HRs in multinational companies.</li> <li>• Expert level Subject Knowledge and fully up-to-date on real-world industry applications.</li> <li>• Trainers have Experience on multiple real-time projects in their Industries.</li> <li>• Our Trainers are working in multinational companies such as CTS, TCS, HCL Technologies, ZOHO, Birlasoft, IBM, Microsoft, HP, Scope, Philips Technologies, etc</li> </ul>
<b>Eligibility:</b>	<p><b>College Toppers having min 60% Marks</b>  <b>Willing to Learn and get Placed in Software Companies</b></p> <ul style="list-style-type: none"> <li>• 2021,2022,2023 Passed out B.E CS ,B.E EEE ,B.E ECE , B.E Civil , B.E Mech , B.Tech IT, BCA, BSC(CS, IT), MCA and MSC Students</li> <li>• Along with this course we also teaching soft skills,apptitude,reasoning,how to perform in interview with live interaction with your students</li> <li>• Course duration - 2Months(Online course) Per day - 1hour session</li> </ul> <p><b>Courses Offering:</b></p> <ol style="list-style-type: none"> <li>1.Java</li> <li>2.Software testing</li> <li>3.Dot net</li> <li>4.Python</li> </ol>
<b>Registration Link:</b>	<a href="https://www.besanttechnologies.com/free-training-and-placements?YnJhbmNoaWQ9U2hhcm1ibGE=">https://www.besanttechnologies.com/free-training-and-placements?YnJhbmNoaWQ9U2hhcm1ibGE=</a>
<b>Job Locations:</b>	Chennai / Bangalore

**Prof. N. M. Patel**  
**Dean Placements & III Cell**





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**TRAINING & PLACEMENT CELL**

HSIT

Training

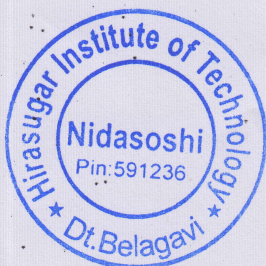
Hexaware

2022-23

**Free- Hexaware Specific Training for 2023 batch Students**


All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to register with HIT's Training & Placement Cell on or before **29/07/2022, 5.00 pm.** without fail. Refer the following details of the event.

Eligible Branch/Class & %Age	BE (CSE/ECE/EEE/MECH) 2023 Batch.																																															
Company/Event Name & Nature :	<b>Seventh Sense Talent Solution</b> Hexaware has announced hiring for the 2023 Batch students. As you are aware, Seventh Sense offers FREE Online Company Specific Training for all Mass Recruiters through Place Sense for all registered students																																															
Register Link:	<a href="https://www.seventhsensetalent.com/s/store/courses/description/Hexaware-Specific-Training">https://www.seventhsensetalent.com/s/store/courses/description/Hexaware-Specific-Training</a>																																															
Training Starts from:	01/09/2022 (Thursday) for final year																																															
Training Topics (10 days)	<table><tr><th>Day</th><th>Date</th><th>Timing</th><th>Topics</th></tr><tr><td>Day 1</td><td>01-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Coding and Decoding</td></tr><tr><td>Day 2</td><td>02-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Clocks and Calendars</td></tr><tr><td>Day 3</td><td>03-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Blood Relation</td></tr><tr><td>Day 4</td><td>04-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Partnership</td></tr><tr><td>Day 5</td><td>05-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Blood Relation</td></tr><tr><td>Day 6</td><td>06-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Closet test</td></tr><tr><td>Day 7</td><td>07-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Loops, Command Line arguments</td></tr><tr><td>Day 8</td><td>08-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Date Types, File handling, arrays</td></tr><tr><td>Day 9</td><td>09-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Closet test</td></tr><tr><td>Day 10</td><td>10-09-2022</td><td>5.30 PM to 8.30 PM</td><td>Closet test</td></tr></table>				Day	Date	Timing	Topics	Day 1	01-09-2022	5.30 PM to 8.30 PM	Coding and Decoding	Day 2	02-09-2022	5.30 PM to 8.30 PM	Clocks and Calendars	Day 3	03-09-2022	5.30 PM to 8.30 PM	Blood Relation	Day 4	04-09-2022	5.30 PM to 8.30 PM	Partnership	Day 5	05-09-2022	5.30 PM to 8.30 PM	Blood Relation	Day 6	06-09-2022	5.30 PM to 8.30 PM	Closet test	Day 7	07-09-2022	5.30 PM to 8.30 PM	Loops, Command Line arguments	Day 8	08-09-2022	5.30 PM to 8.30 PM	Date Types, File handling, arrays	Day 9	09-09-2022	5.30 PM to 8.30 PM	Closet test	Day 10	10-09-2022	5.30 PM to 8.30 PM	Closet test
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Session timings:	Session timings - 5:30 Pm to 8:30 pm. Please feel free to reach us at 87928 00007 for any further clarifications.																																															



**TRAINING & PLACEMENT OFFICER**  
Hirasugar Institute of Technology  
Nidasoshi- 591236. Dt.: Belgaum




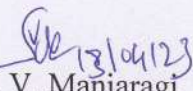
	S J P N Trust's		CSED
	Hirasugar Institute of Technology, Nidasoshi.		Academics
	Inculcating Values, Promoting Prosperity		Circular
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## CIRCULAR

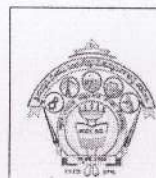
**Date:** 13/04/2023

All 8<sup>th</sup> semester students are hereby informed that our department is organizing four days workshop on "Internet of Things" from 17/04/2023 to 20/04/2023. In this workshop theoretical concepts as well as hands-on sessions on Internet of Things will be explained. These concepts are very useful for understanding IOT subject and project work.

  
 13/04/23  
 Dr. K. B. Manwade  
 Coordinator

  
 13/04/23  
 Prof. S. V. Manjaragi  
 HOD, CSE  
 Computer Science & Engg.  
 HIT, Nidasoshi





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**CSED**  
**Academics**  
**Schedule**  
**2022-23**

## 4-Days Workshop on "Internet of Things"

### SCHEDULE


Day/Date	Session-I (9:00 am to 10:50 am)	Session-II (11:10 am to 1:00 pm)	Session-III (2:00 pm to 5:30 pm)
17/04/2023	<ul style="list-style-type: none"> <li>• Concept and definitions</li> <li>• Embedded Systems o Computer Networks</li> <li>• M2M (Machine to Machine Communication)</li> <li>• Internet of Everything (IoE)</li> <li>• Industrial Automation</li> </ul>	<ul style="list-style-type: none"> <li>• IoT Adoption o Market statistics</li> <li>• Early adopters o Roadmap</li> <li>• Business opportunities: Product + Service model</li> <li>• Development o Deployment and monetization of applications as service</li> </ul>	<ul style="list-style-type: none"> <li>• Embedded Product design flow – Theory</li> <li>• AVR Architecture.</li> </ul>
18/04/2023	<ul style="list-style-type: none"> <li>• Introduction to Embedded C - Theory.</li> <li>• Sensors and Actuators</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Arduino Programming Environment.</li> <li>• Introduction to Atmega328</li> <li>• Software Installation</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to IoT and cloud communication.</li> <li>• Introduction GPIO Programming for Atmega328 (Arduino UNO).</li> </ul>
19/04/2023	<ul style="list-style-type: none"> <li>• Interfacing with Hands on: LED Interfacing with Atmega328, Buzzer Interfacing with Atmega328, ON/OFF LED/Buzzer with a Switch, Interface Single contact Relay, Interface LCD to Atmega328, Analog versus digital information, Resolution and sampling, Thresholding, Data Averaging.</li> </ul>	<ul style="list-style-type: none"> <li>• Interfacing with Hands on: Interface ULTRASONIC with Atmega328, ADC Function test with potentiometer, ADC Function test with temperature sensor, ADC Function test with GAS sensor, Motor driver interface with Atmega328, Serial communication test.</li> </ul>	<ul style="list-style-type: none"> <li>• Transmit a string using UART</li> <li>• Data Framing and Point-to-Point communication of two Motes over the radio frequency. Using WSN.</li> </ul>
20/04/2023	<ul style="list-style-type: none"> <li>• Multi-point to single point communication of Motes over the radio frequency.LAN (Subnetting).</li> <li>• I2C protocol study.</li> <li>• Reading Temperature and Relative Humidity value from the sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Account activation on Thing speak.</li> <li>• Project registration with selected field parameters.</li> <li>• Data upload to Things Speak cloud using ESP8266 with ATMEGA328</li> </ul>	<ul style="list-style-type: none"> <li>• What is Blynk?</li> <li>• The Blynk smartphone app</li> <li>• The Blynk microcontroller libraries</li> <li>• The Blynk server</li> </ul>

Dr. K. B. Manwade  
Coordinator

Prof. S. V. Manjaragi  
HOD, CSE


**Computer Science & Engg.**  
**HIT, Nidasoshi.**



	<p style="text-align: center;">S J P N Trust's  <b>Hirasugar Institute of Technology, Nidasoshi.</b>  <i>Inculcating Values, Promoting Prosperity</i>          Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi          Recognized under 2(f) &amp; 12B of UGC Act, 1956          Accredited at 'A' Grade by NAAC &amp; Programmes Accredited by NBA: CSE &amp; ECE</p>	ECE Dept.
		IIIC, ECSA
		Workshop
		2022-23 (Odd)

Date of Activity held and Time:	15/12/2022 to 18/12/2022	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 & Prof. D M Kumbhar, Prof. Sachin S Patil		
Professional Details of Resource Person:	CEO, Electrosal Hi Tech Pvt. Ltd. Nipani ECE Department HIT, Nidasoshi.		
Year / Class:	3 <sup>rd</sup> Sem Sem Students of ECE Dept.		
No. of students:	60		
No. of Staff:	--		
Activity In charge:	Prof. D M Kumbhar, Prof. Sachin S Patil		
<b>Description of Activity:</b> A workshop on “PCB Designing and Testing” was arranged by ECE Department for 3 <sup>rd</sup> Semester ECE students from 15/12/2022 to 18/12/2022 which was delivered by Mr. Tulasidas Salunkhe, Electrosal Hi Tech Pvt. Ltd. Nipani & Prof. D M Kumbhar, Prof. Sachin S Patil ECE Department HIT, Nidasoshi. In this workshop they 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 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 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



	S J P N Trust's		ECE Dept.
	Hirasugar Institute of Technology, Nidasoshi.		IIIC, ECSA
	<i>Inculcating Values, Promoting Prosperity</i>		Workshop
	Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi Recognized under 2(f) & 12B of UGC Act, 1956 Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA:CSE &ECE		2022-23 (Odd)

## 4 Days Workshop on "PCB Design and Testing"

**Duration: 30 Hours**

### Objectives:

Students will be able to:

- Learn software tool for PCB design.
- Develop circuit schematic and PCB layout.
- Learn fabrication processes of PCB like printing, etching, drilling, component mounting and soldering.
- Generate Gerber file
- Do hobby projects.

### Workshop Contents:

The four days workshop would cover the following topics:

Introduction to Eagle PCB tool, A simple example: Schematic entry to PCB layout, Schematic Entry in detail: Creating custom components, importing standard libraries, Tools for creating components, Generating Net list from schematic: Annotation schemes, Matching schematic symbols to footprints, Board layout: Importing Net list, Footprint layout & form factor, Layers of design, Single layer, multilayer designs, Manual routing, Custom Tracks & vias, track width calculation, auto routing, outline routing tools, generating custom routes. (6 Hours)

Assignments for students to generate PCB layout for simple circuit. (4 Hours)


PCB Fabrication: Quick Presentation on PCB fabrication, printing on photo paper, etching, drilling, component mounting, soldering and testing (Hands on session). (6 Hours)


Masking, Silkscreen, Gerber file generation: Finalizing the design, Gerber file format for different layers, appending multiple boards. (6 Hours)

Designing simple PCB (Hands on session). (8 Hours)

### Outcomes of Workshop:

- Understand how to use software tool for PCB design.
- Develop circuit schematic and PCB layout.
- Hands on experience on fabrication processes of PCB like printing, etching, drilling, component mounting and soldering.
- Gain knowledge on how generate Gerber file.
- Do mini & hobby projects.

  
Co coordinator

  
Coordinator ECSA & IIIC

  
HOD





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**ECE Dept.**  
**IIIC, ECSA**  
**Workshop**  
**2022-23 (Odd)**

### 4 Days Workshop on "PCB Design and Testing"

**Duration: 30 Hours**

#### Schedule

Date	Session	Time
15/12/2022	Inauguration	10.00 -10.35 am
	Seminar on PCB Designing	10.40 -11.30 am
	Tea Break	11.30 -11.45 am
	Seminar on PCB Designing	11.45am –1.00 pm
	Lunch	1.00 – 2.00 pm
	Assignment for students related to design	2.00 – 3.30 pm
	Tea Break	3.30 -3.45 pm
	Assignment for students related to design	3.45 – 5.00 pm
16/12/2022	Printing	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Drilling, Etching	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Component Mounting and Soldering	2.00 – 3.30 pm
	Tea Break	3.30 -3.45 pm
	Component Mounting and Soldering	3.45 – 5.00 pm
17/12/2022	Testing (Design 1)	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Designing (Masking and Silkscreen)	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Gerber file generation	2.00 – 3.30 pm
	Tea Break	3.30 - 3.45 pm
	Question Answer	3.45 – 4.15 pm
18/12/2022	Testing (Design 2.)	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Designing (Masking and Silkscreen)	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Gerber file generation	2.00 – 3.30 pm
	Tea Break	3.30 - 3.45 pm
	Test	3.45 – 4.15 pm
	Valedictory function	4.15 – 4.45 pm

Venue: Project Lab, Department of E&E Engg. HSIT Nidasoshi

  
Co coordinator

  
Coordinator ECSA & IIIC

  
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Programmes Accredited by NBA: CSE, ECE, <sup>DA</sup>EEE & ME.**TRAINING & PLACEMENT CELL**

TP Cell

Placement

Training

2022-23

**Free- TCS Specific Training for 2023 batch Students**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to register with HIT's Training & Placement Cell on or before **29/07/2022, 5.00 pm.** without fail. Refer the following details of the event.

<b>Eligible Branch/Class &amp; %Age</b>	BE (CSE/ECE/EEE/MECH) 2023 Batch.																																																	
<b>Company/Event Name &amp; Nature :</b>	<b>Seventh Sense Talent Solution</b>																																																	
<b>Register Link:</b>	<a href="https://www.sevethsense.com/s/store/courses/description/Place-Sense---TCS-Online-Training-2023-batch">https://www.sevethsense.com/s/store/courses/description/Place-Sense---TCS-Online-Training-2023-batch</a>																																																	
<b>Registration procedure is as follows:</b>	<ol style="list-style-type: none"> <li>1. Click on the above TCS specific course link.</li> <li>2. Once you click on the link you will be taken to the registration window.</li> <li>3. Click on the free button.</li> <li>4. Sign up Option will pop up. Please enter your full name, email id, Mobile number, Create password and mention college name and Branch.</li> <li>5. Then click on create a new account.</li> <li>6. It will redirect to courses, where you need to click on TCS SPECIFIC Training.</li> </ol> <p>Link for video guidance on registration process - <a href="https://youtu.be/h6AhLAXSTio">https://youtu.be/h6AhLAXSTio</a></p>																																																	
<b>Details of Training:</b>	<table border="1"> <thead> <tr> <th>Date</th><th>Timings</th><th>Batch</th></tr> </thead> <tbody> <tr> <td>01-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Data Types, File handling, arrays</td></tr> <tr> <td>02-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Loops, Command Line arguments + Data Types, File handling, arrays</td></tr> <tr> <td>03-08-2022</td><td>6:30 PM to 8:30 PM</td><td>OOPS concept, Practical debugging</td></tr> <tr> <td>04-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Input output, Stacks and Queues, Linked list</td></tr> <tr> <td>05-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Trees, Graphs, Hashing</td></tr> <tr> <td>06-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Dynamic programming</td></tr> <tr> <td>07-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Technical MCQ'S C, C++</td></tr> <tr> <td>08-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Object Oriented programming systems</td></tr> <tr> <td>09-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Data Structures, DBMS</td></tr> <tr> <td>10-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Time and Work</td></tr> <tr> <td>11-08-2022</td><td>6:30 PM to 8:30 PM</td><td>HCF &amp; LCM + Subject verb agreement</td></tr> <tr> <td>12-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Coding and Decoding</td></tr> <tr> <td>13-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Clocks and Calendars</td></tr> <tr> <td>14-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Blood relation</td></tr> <tr> <td>15-08-2022</td><td>6:30 PM to 8:30 PM</td><td>Partnership + Problems on ages</td></tr> </tbody> </table>	Date	Timings	Batch	01-08-2022	6:30 PM to 8:30 PM	Data Types, File handling, arrays	02-08-2022	6:30 PM to 8:30 PM	Loops, Command Line arguments + Data Types, File handling, arrays	03-08-2022	6:30 PM to 8:30 PM	OOPS concept, Practical debugging	04-08-2022	6:30 PM to 8:30 PM	Input output, Stacks and Queues, Linked list	05-08-2022	6:30 PM to 8:30 PM	Trees, Graphs, Hashing	06-08-2022	6:30 PM to 8:30 PM	Dynamic programming	07-08-2022	6:30 PM to 8:30 PM	Technical MCQ'S C, C++	08-08-2022	6:30 PM to 8:30 PM	Object Oriented programming systems	09-08-2022	6:30 PM to 8:30 PM	Data Structures, DBMS	10-08-2022	6:30 PM to 8:30 PM	Time and Work	11-08-2022	6:30 PM to 8:30 PM	HCF & LCM + Subject verb agreement	12-08-2022	6:30 PM to 8:30 PM	Coding and Decoding	13-08-2022	6:30 PM to 8:30 PM	Clocks and Calendars	14-08-2022	6:30 PM to 8:30 PM	Blood relation	15-08-2022	6:30 PM to 8:30 PM	Partnership + Problems on ages	
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<b>Note:</b>	Please note that the training will be conducted on our portal and will be accessible only for students who register for the training. Registration is must and is free. Attendance will be captured on a daily basis. The registered students will also have access to all the recordings of the previous sessions in their account on our portal.																																																	

  
**Prof. N. M. Patel**

Dean Placements &amp; III Cell





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**Training & Placement Cell****HSIT****Training &  
Placement Cell****Training****2023-24****Date: 18/08/2023****Notice**

All the final year students are hereby informed to register and pay the Skill Fact training fee on or before 31/08/2023. The Skill Fact Training is going to start from 20/09/2023 for the 10 Days to all branch registered students.

**Over view of Training & Topics****SKILL FACT CRT (Campus Recruitment Training) Programme**

1. Quantitative aptitude
2. Logical reasoning
3. Corporate Soft skills

SKILLFACT will provide 9 days of offline rigorous interactive campus recruitment training (CRT) In addition to training company will give Study material, online assessments, Mock Interviews, Career guidance, Placement assistance and support & Industry Interactions.

Training follows below schedule

Day	Session 1 (3Hrs)	Break	Session 2 (3Hrs)
Day 1	Introduction to basic and Advanced Communication & Its Importance, professional ethics, with IQ, EQ	1 TO 2 PM  LUNCH BREAK	Number System, Number Series, HCF & LCM
Day 2	Ratio & Proportion, Partnership, Problems on Ages. Clock & Calendars		Sentence Corrections & Team building activities, Spotting Errors & Public Speaking, Stage fear overcoming, Mind Mapping skills,
Day 3	Percentage, Profit & Loss, Discount, SI & CI		PI Skills & Practice, Time Management & Reading Comprehension
Day 4	Time Speed Distance Problems on Trains, Boats & Streams		Corporate GD & Practice
Day 5	Time & Work, Pipes Cistern, Mixture & Allegations		Synonyms and antonyms, contextual vocabulary
Day 6	Permutation combination & Probability, Data Interpretation, Blood relations		Corporate Written Communication (Resume writing & Email etiquettes)
Day 7	Company Specific C Programming		Company Specific C Programming
Day 8	Company Specific C Programming		Company Specific C Programming
Day 9	Company Specific C Programming		Company Specific C Programming
Day 10	Mock Campus Drive with One to One Interview		Mock Campus Drive with One to One Interview

**Quantitative Aptitude Topics**

1. Divisibility Rule	11. Averages	21. Discount
2. Power Indices Rule	12. Ratio & Proportions	22. Simple Interest
3. Decimals & Fractions	13. Partnership	23. Compound Interest
4. Square roots	14. Problems on Ages	24. Time Speed Distance
5. HCF & LCM	15. Percentage	25. Problems on Trains
6. Algebraic Formulation	16. Profit & Loss	26. Problems on Boats & Streams
7. Cube roots	17. Simplification	27. Data Interpretation
8. Number Series	18. Clocks & Calendars	28. Number Series
9. Quadratic Equations	19. Races	29. Pipes & Cistern
10. Geometry	20. Area & Volume	30. Height & Distance

**TRAINING & PLACEMENT OFFICER**

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  
**Hirasugar Institute of Technology**  
**Nidasoshi-591236, Dt.: Belgaum**



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	<b>Hirasugar Institute of Technology, Nidasoshi.</b>		STTP
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Date: 12/12/2023

### Notice

It is hereby informed to all final year students that Short Term Training Program (STTP) on **"Full Stack Web Development"** is arranged under ISTE Student Chapter and ECSA on 15<sup>th</sup> to 18<sup>th</sup> December 2023 by the Resource Person Mr. Shivaraj M. A. IR Software Solutions, Bangalore in ECE Dept. HIT campus. The interested students are informed to register their name towards Prof. B. P. Khot and Prof. S.R.Mallurmath.

Course Fee: Rs 200/- per participants.

Co coordinator

Dr. S. S. Ittannavar

Prof. K.S. Patil

Prof. B. P. Khot

Prof. S. R. Mallurmath

Coordinator ECSA

  
HOD 21/12/23  
**HOD**  
Electronics & Communication Engg.  
Hirasugar Institute of Technology,  
Nidasoshi-591 236



**Department of Electronics & Communication Engineering organizing**  
**Four Day's Short Term Training Program (STTP)**  
**On**  
**“Full Stack Web Development”**


**In association with ECSA & ISTE Student Chapter HSIT Nidasoshi**

**Resource Person: Shri. Shivraj M. A. (B.E. M.Tech) IR Software Solutions, Bengaluru**

**Venue: Research Centre E&C Department, HSIT Nidasoshi.**

<b>PROGRAM CONTENT</b>		
<b>Date</b>	<b>Content</b>	<b>Time</b>
<b>Day 1</b> 15/12/2023	Registration	09:00 am to 10:00 am
	Inaugural function	10:00 am to 10:30 am
	Tea Break	10:30 am to 10:45 am
	Introduction to full stack development	10:45 am to 12:00 am
	Introduction to Frontend development.	12:00 am to 01:00 pm
	Lunch Break	01:00 pm to 02:00 pm
	Introduction to HTML	02:00 pm to 03:00 pm
	Styling with CSS	03:00 pm to 04:00 pm
	Break	04:00 pm to 04:15 pm
	Introduction to JavaScript	04:15 pm to 05:30 pm
<b>Day 2</b> 16/12/2023	Introduction to Backend Development	09:00 am to 10:45 am
	Tea Break	10.45 am to 11:00 am
	Basics of Backend Development	11:00 am to 01:00 pm
	Lunch Break	01:00 pm to 02:00 pm
	Introduction to Node.js	02:00 pm to 03:45 pm
	Break	03:45 pm to 04:00 pm
	Introduction to Express.js	04:00 pm to 05:30 pm
<b>Day 3</b> 17/12/2023	Introduction to Database management	09:00 am to 10:45 am
	Tea Break	10.45 am to 11:00 am
	Data Modeling	11:00 am to 01:00 pm
	Lunch Break	01:00 pm to 02:00 pm
	Data Modeling and Connecting to Databases	02:00 pm to 03:45 pm
	Break	03:45 pm to 04:00 pm
	RESTful API Development	04:00 pm to 05:30 pm
<b>Day 4</b> 18/12/2023	Designing RESTful APIs	09:00 am to 10:45 am
	Tea Break	10.45 am to 11:00 am
	Implementing CRUD operations in an API.	11:00 am to 01:00 pm
	Lunch Break	01:00 pm to 02:00 pm
	Handling request parameters and body.	02:00 pm to 03:45 pm
	Break	03:45 pm to 04:00 pm
	Valedictory function	04:00 pm to 05:00 pm



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Date: 13/12/2021

### Notice

It is hereby informed that workshop on “**PCB Design & Testing**” is arranged on 16 to 19 December 2021 by Mr. Tulsidas Salunke, Electrosal Hi Tech Pvt. Ltd. Nipani in ECE Dept. HIT campus. The interested students are informed to register their name towards Prof. Sachin S Patil and Prof. S. S. Malaj.


Course Fee: Rs 350/- per participants.

  
 Co coordinator

  
 Coordinator ECSA & IIIC

  
 HOD



	S J P N Trust's		ECE Dept.
	<b>Hirasugar Institute of Technology, Nidasoshi</b>		ISTE, IIIC, ECSA
	<i>Inculcating Values, Promoting Prosperity</i>		Workshop
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### Objectives of workshop:

Students will be able to:

- Learn basics of PCB design with CAD Tool.
- Develop embedded circuit schematic.
- Learn basic programming with Arduino IDE tool.
- Learn interfacing of Arduino with LED, LCD, Buzzer, Relay and data converters.
- Use communication protocols.
- Design and develop of IOT applications.
- Account activation on Thing speak.

### Workshop Contents:

(30 Hours)

The Three days workshop would cover the following topics:

Introduction to Basic Foundation, Data sheet Analyzing, PCB (Printed Circuit Board) Introduction to PCB, Design Rules. PCB CAD Tool, Introduction to CAD tool, Software Installation, Understanding tools available in CAD, Embedded System Design, Embedded Product design flow, Sample Electronics circuits and its design - Theory. AtMega 328P, AVR Architecture, Specification and Feature of AtMega 328P Pin diagram Understanding. Programming basics Data types Variables Functions Scope rules Operators Decision making Loops Arrays String, ARDUINO IDE Software Installation Introduction to Arduino IDE tool Basic Programming with Arduino IDE Interfacing Wire and Wireless Serial. Introduction to Internet of Things, Service model, Introduction to Thing speak, Account activation on Thing speak. Project registration with selected field parameters. Data upload to Things Speak cloud using ESP8266 with ATMEGA328. (20hrs Hours)

### Outcomes of Workshop:

- Understand basics of PCB design with CAD Tool.
- Design and Develop embedded circuit schematic.
- Develop c- programming with Arduino IDE tool.
- Gain knowledge of interfacing of Arduino with LED, LCD, Buzzer, Relay and data converters.
- Use different communication protocols.
- Design and develop of various IOT applications.
- Hands on experience on Project registration with selected field parameters
- Do mini & hobby projects.

  
Co coordinators

  
Coordinator ECSA, IIIC & ISTE

  
HOD





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ECE Dept.

IIIC, ECSA

Workshop

2021-22 (Odd)

**Schedule**

Date	Session	Time
16/12/2021	Inauguration	10.00 -10.35 am
	Seminar on PCB Designing	10.40 -11.30 am
	Tea Break	11.30 -11.45 am
	Seminar on PCB Designing	11.45am –1.00 pm
	Lunch	1.00 – 2.00 pm
	Assignment for students related to design	2.00 – 3.30 pm
	Tea Break	3.30 -3.45 pm
	Assignment for students related to design	3.45 – 5.00 pm
17/12/2021	Printing	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Drilling, Etching	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Component Mounting and Soldering	2.00 – 3.30 pm
	Tea Break	3.30 -3.45 pm
18/12/2021	Component Mounting and Soldering	3.45 – 5.00 pm
	Testing (Design 1)	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Designing (Masking and Silkscreen)	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Gerber file generation	2.00 – 3.30 pm
	Tea Break	3.30 - 3.45 pm
19/12/2021	Question Answer	3.45 – 4.15 pm
	Testing (Design 2 )	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Designing (Masking and Silkscreen)	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Gerber file generation	2.00 – 3.30 pm
	Tea Break	3.30 - 3.45 pm
	Test	3.45 – 4.15 pm
	Valedictory function	4.15 – 4.45 pm

Co coordinator

Coordinator ECSA & IIIC

HOD



Date: - 18/04/2022

## Circular

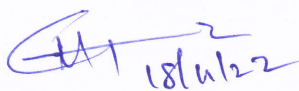
All 6<sup>th</sup> semester girl students are hereby informed to attend the 32 Hour - Python Course organized in association with Karnataka Skill Development Corporation and Nandi Foundation as per the below schedule.

Sl. No.	Day	Time	Type of activity
1	18-04-2022	2.00 – 5.00 PM	Online Training Session
2	19-04-2022	2.00 – 5.00 PM	Online Training Session
3	20-04-2022	--	Pre-Assessment
4	21-04-2022	2.00 – 5.00 PM	Online Training Session
5	22-04-2022	2.00 – 5.00 PM	Online Training Session
6	23-04-2022	--	Mid-Assessment
7	26-04-2022	2.00 – 5.00 PM	Online Training Session
8	29-04-2022	2.00 – 5.00 PM	Online Training Session
9	30-04-2022	--	Final Assessment

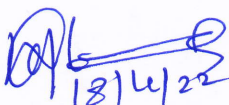
**Venue:** System Software and Android Laboratory

**Note:**

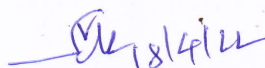
1. Attendance is compulsory.
2. The students who miss the training will not be considered for future placement activities.

  
18/4/22

Dr. Mahesh Huddar  
Coordinator

  
18/4/22

Prof. N. M. Patel  
T&P Officer

  
18/4/22

HOD  
Computer Science & Engg.  
HIT, Nidasoshi





**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.**

**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 <sup>rd</sup> Year Girl Students
No. of students	30
Activity in-charge	Dr. Mahesh G. Huddar
<b>Description of Activity:</b> 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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E&E Engg. Dept.

Workshop

Notice/Circular

2021-22 (Odd)

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date: 07/12/2021

## NOTICE

All the staff and student participants of EEE department are hereby informed to attend the inauguration followed by sessions of a Four Days Workshop on “**MATLAB and Simulink**” which is scheduled at 9.30 am tomorrow on 8<sup>th</sup> Dec. 2021 in NBA Seminar Hall (B-103).

Prinicege  
7/12/21  
EESSA Coordinators

Dr. B. V. Madiggond  
HOD  
Prof. & Head BE, ME, Ph.D.  
Dept. of Electrical & Electronics Engg.  
HIT NIDASOSHI-591 236





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**H. S. J. P. N. Trust's**  
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**E&E Engg. Dept.**  
**Workshop**  
**Schedule**  
 2021-22 (Odd)

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

**Schedule of Four Days Workshop on "MATLAB and Simulink"**


Session	Time	Day1 8/12/2021	Day2 9/12/2021	Day 3 10/12/2021	Day 4 11/12/2021
I	9.30AM to 11.00AM	Introduction to MATLAB Applications and job opportunities	Modeling math equations Electrical equations	Introduction to SIMPOWER SYETM	Multilevel inverters Introduction to renewable energy
	11.00AM to 11.15 AM	<b>Tea break</b>			
	11.15AM to 1.00 PM	MATLAB programming Matrix and algebraic problems	Introduction to SIMSCAPE Physical system Modeling Analog electronics	Electrical and electronic circuits Modeling Applications of POWER GUI	Mini project Solar powered home design
	1.00PM to 2.00PM	<b>Lunch Break</b>			
II	2.00PM to 3.30PM	Introduction to SIMULINK Industrial applications	Operational amplifiers Electrical circuits	Introduction to Power Electronics AC-AC CONVERTERS AC-DC CONVERTERS	Final project Design of 9 and 17 level inverter with reduced number of switches
	3.30PM to 3.45PM	<b>Tea break</b>			
	3.45PM to 5.00PM	Block based modeling Mathematical modeling Subsystem and masking	Multi domain physical system modeling Electrical and mechanical modeling	DC-DC CONVERTERS DC-AC CONVERTERS	Final project Design of 9 and 17 level inverter with reduced number of switches

*Principal*  
6/12  
Coordinators 6/12/21

*Prin*  
6/12/21  
HOD  
Dr. B. V. Madiggond  
BE, ME, Ph.D.  
Prof. & Head  
Dept. of Electrical & Electronics Engg.  
HIT NIDASOSHI-591 236

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



	<b>S J P N Trust's</b> <b>H. S. J. P. N. 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>		E&E Engg. Dept.
			Workshop
			Schedule
			2021-22 (Odd)

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.****Schedule of Four Days Workshop on "MATLAB and Simulink"**

Session	Time	Day1 8/12/2021	Day2 9/12/2021	Day 3 10/12/2021	Day 4 11/12/2021
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Principal  
6/12/21  
Coordinators

HOD  
6/12/21  
Dr. B. V. Madiggond  
BE ME Ph.D.  
Prof. & Head  
Dept. of Electrical & Electronics Engg.  
HIT NIDASOSHI-591 236

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**TRAINING & PLACEMENT CELL**

TP Cell

Training

Free Course

2022-23

**Notice/Circular**

Date: 27/07/2022

**Free Online Certificate Courses in Machine Learning and Artificial Intelligence**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to register with HIT's Training & Placement Cell on or before **30/07/2022, 5.00 pm.** without fail. Refer the following details of the event. *59 students attended*

<b>Eligible Branch/Class &amp; %Age</b>	BE (CSE/ECE/EEE/MECH/CE - 2022/2023/2024/2025 Batch)
<b>Company/Event Name &amp; Nature :</b>	"Free Online Certificate Courses in Machine Learning and Artificial Intelligence for Computer and IT Engineering Students" By YBI Foundation
<b>About Training:</b>	<p>Over the years, job opportunities and salaries in emerging technologies have boomed in India and students with Machine Learning and Artificial Intelligence skills from computer science and IT engineering are in great demand. YBI Foundation provides learning and upskilling opportunities with "<b>Free Online Certificate Courses in Machine Learning and Artificial Intelligence for Computer and IT Engineering Students</b>" of 4 weeks duration (after regular college hours).</p> <p>This Certificate course has two modules. Module-1 comprises instructor-led online classes for concept building followed by Module-2 for hands-on practice and projects for skill development. After successful completion of both the modules, students will receive completion certification.</p> <p>Interested students of any <b>academic year</b> from the CS and IT Engineering branch can enroll in this certificate course. There is no prerequisite and students with <b>zero coding background</b> can also apply.</p> <p>We request you to broadcast this mail to CS and IT Engineering students of all academic years of your institute and encourage them to apply and learn additional analytics and machine learning skills.</p> <p>YBI Foundation supports AICTE Aim to create 1 crore digital workforce in the emerging technologies #DIGITALSKILLING - MAKING INDIA THE GLOBAL DIGITAL TALENT HUB.</p> <p><b>About Us:</b> YBI Foundation (YBIF) is a Section 8 (Not for Profit) company working in the field of Education, Skill Development, Women Empowerment, Research and Consultancy</p>

Opportunity will knock your door at any time, so your best preparation for the event will make 100% successful career and helps to reach TP Cell Goal very easily

*(Signature)*  
**Prof. N. M. Patel**

**Dean Placements & III Cell**

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





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TP Cell

Training

Free Training

2021-22

**Notice/Circular**

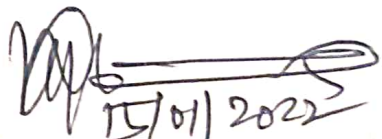
Date: 15/01/2022

**Training**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to Refer the following details of the event.

Eligible Branch/Class & %Age	BE (CSE, ECE, EEE & MECH) 2022 Batch
Company/Event Name & Nature	Magic Bus India Foundation
Training Details:	Magic Bus India Foundation is providing 45 days online free foundation certification course on Spoken English, Life Skills, Basic Computer Skills, Resume Preparation and Interview Skills.
Registration link for Training:	<a href="https://forms.gle/XdTsUS1Ja7tD88uF7">https://forms.gle/XdTsUS1Ja7tD88uF7</a>
Benefits:	45 days online free training course with Participation certificate issued & 100% FREE Placement Support

12A Attached

  
15/01/2022  
**Prof. N. M. Patel**  
Dean Placements & III Cell





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TP Cell

Training

CREA

2020-21

Date: 06/03/2021

**Notice/Circular****Training**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to register with HIT's Training & Placement Cell on or before **08/03/2021, 5.00 pm.** without fail. Refer the following details of the event.

pm. without fail. Refer the following details of the event.

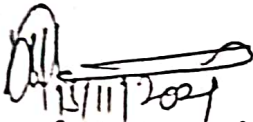
Eligible Branch/ Class & %Age	BE (CSE/ECE/EEE/MECH) 2022 Batch (Pre-Final)Students																										
Trainer	Innovations Unlimited Training Services, Bengaluru																										
Training Location:	HSIT, Nidasohi																										
Apply Link:	<a href="https://forms.gle/Ug7ZHGmrS9ciwQ1V6">https://forms.gle/Ug7ZHGmrS9ciwQ1V6</a>																										
Training Duration:	<p><b>The following are the details of CREA 64 hour plan:</b> The course will be customized further based on your requirements. This course has done wonders for trainees who have taken it. The details of the plan are as follows:</p> <table><tr><th>Category</th><th>Module / Semester</th><th>Total</th></tr><tr><td rowspan="3"><b>Core Aptitude</b> 34 hours</td><td>Get that Feel for Numbers</td><td>14</td></tr><tr><td>Improve Your Sense of Analysis</td><td>10</td></tr><tr><td>The Verbal Impression</td><td>10</td></tr><tr><td rowspan="6"><b>Corporate Behaviour (Soft Skills)</b> 30 hours</td><td>Sounds and Syllables</td><td>06</td></tr><tr><td>Communicate with Confidence</td><td>04</td></tr><tr><td>The Winning Presenter</td><td>04</td></tr><tr><td>Discussions &amp; Debates</td><td>06</td></tr><tr><td>Interview Handling Skills</td><td>06</td></tr><tr><td>Pen Power</td><td>04</td></tr><tr><td colspan="2"><b>Total</b></td><td><b>64</b></td></tr></table> <p>Apart from the modules mentioned above the following will be a part of the CREA:</p> <ul style="list-style-type: none"><li>• Access to <b>online mock tests</b> based on the recruitment patterns of companies (TCS, CTS, Infosys etc)</li><li>• Paper Based Mock Tests</li><li>• <b>Continuous support – Telephone and Email</b> – For doubt clarification, counseling</li></ul>	Category	Module / Semester	Total	<b>Core Aptitude</b> 34 hours	Get that Feel for Numbers	14	Improve Your Sense of Analysis	10	The Verbal Impression	10	<b>Corporate Behaviour (Soft Skills)</b> 30 hours	Sounds and Syllables	06	Communicate with Confidence	04	The Winning Presenter	04	Discussions & Debates	06	Interview Handling Skills	06	Pen Power	04	<b>Total</b>		<b>64</b>
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	Pen Power	04																									
<b>Total</b>		<b>64</b>																									
Training:	<b>CREA [Coaching for Recruitment and Empowerment of Actions]</b>																										
What is CREA?	<p><b>CREA is a specially designed course for training and placement of freshers in well-known IT companies like INFOSYS, TCS, WIPRO, COGNIZANT, LNT etc. as well as Non IT companies.</b> This has had an over whelming response, with excellent results.</p> <p><b>CREA enables the overall development of students and moulds them into professionals.</b></p> <p><b>CREA is an activity oriented and test based course that not only tests the aptitude, spoken and written language skills, articulations, and situation reactions etc. but also acts as a confidence booster for the mental and emotional state of the student. The sessions given in this course are purely interactive and activity based. Hundreds of students have undergone this course and enhanced their abilities.</b></p>																										
Why CREA?	<p><b>CREA is for training your students to handle aptitude tests and face Group Discussions + Personal Interviews + Technical Interviews with confidence. CREA is also for enhancing their communication skills (written and spoken) and taking confidence building measures.</b> <b>CREA also takes care of post recruitment pressures such as thinking out of the box, creative thinking, lateral thinking etc.</b></p>																										



Date: 13/11/2021

**Notice**

All the final year students who have registered with Innovation Unlimited Trainings, Bengaluru for CREA-64Hours (Coaching for Recruitment and Empowerment of Actions) Training program are hereby informed to attend training, The training will start from 15/11/2021 to 26/11/2021 at 9.00am in Mechanical Engineering Dept. (2<sup>nd</sup> Floor Room No. C-305).



Prof. N M Patel

TRAINING & PLACEMENT OFFICER  
Hirasugar Institute of Technology  
Nidasoshi- 591235, Dt.: Belgaum


Dr. S C Kamate  
PRINCIPAL

Hirasugar Institute of Technology  
NIDASOSHI-591 236

Copy To,

- |              |                          |
|--------------|--------------------------|
| 1.HOD CSE -  | 5. TP Coordinator CSE -  |
| 2.HOD ECE -  | 6. TP Coordinator ECE -  |
| 3.HOD EEE -  | 7. TP Coordinator EEE -  |
| 4.HOD MECH - | 8. TP Coordinator MECH - |





S.J.P.N.TRUST'S  
**HIRASUGAR INSTITUTE OF TECHNOLOGY,**  
**NIDASOSHI-591236**

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**MECHANICAL ENGINEERING DEPARTMENT**

*Cordially welcomes you*

**ONE WEEK TRAINING PROGRAM ON  
FUNDAMENTALS OF ARDUINO, IOT & ROBOTICS  
PROGRAMMING**

*Multidisciplinary Approach*

*(An Initiative of Curriculum Enrichment through Industry Participation)*

*In association with*

**TECH FORTUNE**  
we stand for excellence

**Tech Fortune academy, Bengaluru**

**STARTS ON**

**25<sup>TH</sup> MARCH 2021**

**Venues:**

**Mechanical seminar Hall  
Computer Labs**

To register follow link  
<https://forms.gle/DsS84BgmKK9KLSUY9>

**OR  
Scan Here**





## Training Highlights

- Basics of Electronics.
- Concepts of Voltage & Current.
- Introduction to Sensors & working of Sensors.
- Introduction to Embedded Systems.
- Introduction to Microcontrollers & Microprocessors.
- Different types of Microcontrollers & Microprocessors.
- Basics of C & embedded C Programming.
- The Arduino Platform.
- The Arduino Open-Microcontroller Platform.
- Arduino Basics.
- Arduino Board Layout & Architecture.
- Arduino Programming fundamentals & Structure.
- Interfacing Sensors to Arduino.
- Reading Digital & Analog Sensors.
- Using Serial Communication.
- Activating Relays & switches.
- Introduction to IoT.
- Different IoT Platforms.
- Client Server basics.
- Local Host & Online Host.
- Introduction to NodeMCU.
- Interfacing Sensors and devices to NodeMCU
- Connecting to Local WiFi.
- Displaying Sensor values over Local Server.
- Introduction to Cloud Servers.
- Displaying Sensor Values over Cloud Servers.
- Mini Project.

## Terms & Conditions

- Registration fee is Rs. 2000/- per student.
- Certificate will be issued after completion of Training
- Arduino H/W kit will be provided for each group of 4 students
- Placement assistance will be provided after completion of Training

### CONTACT US:

#### EVENT CO-ORDINATORS

PROF. B.M.DODAMANI@ 9945348448

PROF.M.S.FUTANE @9164105035

DR.S.N.TOPANNAVAR  
HOD-MECH @ 9482440235

DR.S.C.KAMATE  
PRINCIPAL

To register follow link  
<https://forms.gle/Ds584BmMKK9KLSUY9>

OR  
Scan Here







# ONE WEEK TRAINING ON "FUNDAMENTALS OF ARDUINO, IoT & ROBOTICS PROGRAMMING

**TECH FORTUNE**  
we stand for excellence

During: 25th March to 30<sup>th</sup> March 2021. **Course-Coordinator:** Prof.B.M.Dodamani.Prof.M.S.Futane. Mech Engg Dept  
**Mobile:** 9945348448 **E-mail:** bmdodamani.mech@hsit.ac.in

## SCHEDULE

	9 to 9:15 am	15 mins. Tiffin Break	9:30 to 10am	10 to 11:30 am	15 mins. Tea-Break	11:45am to 01:15pm	45 mins. Lunch-Break	2 to 3:30pm	15 mins. Tea-Break	3:45 to 5:15pm
25 <sup>th</sup> March 21	Registration		Inauguration	Session1- Basics of Electronics		Concept of voltage & current, Int. sensors & Working		Introduction to Embedded systems		Introduction to Microcontrollers & Micro processors
26 <sup>th</sup> March 21		9:00 to 11 am		11:15 to 1:15pm		1:15 to 3:15pm		3:30 to 8:00pm		
		Types of Microcontrollers & Microprocessors		Basics of C & C Programming		Arduino platform		Lab: Hands on Training Session		
27 <sup>th</sup> March 21		Arduino basics		Arduino programming fundamentals		Interfacing of sensors to Arduino		Lab : Hands on Training Session		
28 <sup>th</sup> March 21		Reading digital and analog sensor		Activating Relays & switches		Introduction to IoT		Lab : Hands on Training Session		
29 <sup>th</sup> March 21		Different IoT platforms		Mini Projects		Mini projects		Lab : Hands on Training session		
30 <sup>th</sup> March 21		Introduction to Cloud servers		Interfacing sensors & devices to Node MCU		Seminar by students		Valedictory function		

Event Co-ordinators  
Prof. B.M.Dodamani  
Prof. M.S.Futane



Mr. Tousif Iqbal M.  
Trainer

Dr. S.N.Topannavar  
HOD-ME

**HOD**  
**Mechanical Engg.**  
**HIT, Noida**





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**TRAINING & PLACEMENT CELL**

TP Cell

Training

Seventh Sense

2020-21

**Notice/Circular**

Date: 28/09/2020

**Training**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to Refer the following details of the event.

<b>Eligible Branch/Class &amp; %Age</b>	<b>BE (CSE, ECE, EEE &amp; MECH) 2021 Batch</b>
<b>Company/Event Name &amp; Nature</b>	<b>Seventh sense Talent Solution</b>
<b>Type of training:</b>	Company Specific training for All MNC with current recruitment
<b>Qualification:</b>	B.E/B.Tech (Any All stream)
<b>Placement offer to every students:</b>	<b>50 ASSURED PLACEMENT OPPORTUNITIES TO EVERY STUDENT of EVERY BRANCH (Min Rs 3 LAKHS Package)</b>
<b>Training Schedule:</b>	29/09/2020 to 17/10/2020
<b>Mode of Training:</b>	Virtual Mode
<b>For Attending Training visit site:</b>	<a href="https://www.seventhsensetalent.com/">https://www.seventhsensetalent.com/</a>

  
28/09/2020  
**TRAINING & PLACEMENT OFFICER**  
Hirasugar Institute of Technology  
Nidasoshi- 591236, Dt.: Belgaum



Day	Date	Timings	Topics
Day 1	29/9/2020	10:00 AM to 12:00 PM	Probability
		2:00 PM to 4:00 PM	Tenses
Day 2	30/9/2020	10:00 AM to 12:00 PM	Para Jumbles
		2:00 PM to 4:00 PM	Cloze Passage
Day 3	10-01-20	10:00 AM to 12:00 PM	Technical
		2:00 PM to 4:00 PM	Logarithms+ Numbers
Day 4	10-03-20	10:00 AM to 12:00 PM	Geometry
		2:00 PM to 4:00 PM	Vocabulary+ Phrasal Verbs
Day 5	10-04-20	10:00 AM to 12:00 PM	Mensurations
		2:00 PM to 4:00 PM	Technical
Day 6	10-05-20	10:00 AM to 12:00 PM	Permutation Combination
		2:00 PM to 4:00 PM	Technical
Day 7	10-06-20	10:00 AM to 12:00 PM	Time and work
		2:00 PM to 4:00 PM	Technical
Day 8	10-07-20	10:00 AM to 12:00 PM	Sentence Correction
		2:00 PM to 4:00 PM	Technical
Day 9	10-08-20	10:00 AM to 12:00 PM	Progressions
		2:00 PM to 4:00 PM	Technical
Day 10	10-09-20	10:00 AM to 12:00 PM	Time Speed and Distance
		2:00 PM to 4:00 PM	Technical
Day 11	10-10-20	10:00 AM to 12:00 PM	Simple Interest
		2:00 PM to 4:00 PM	Technical
Day 12	10-11-20	10:00 AM to 12:00 PM	Compound Interest
		2:00 PM to 4:00 PM	Technical
Day 13	10-12-20	10:00 AM to 12:00 PM	Technical
		2:00 PM to 4:00 PM	Technical
Day 14	13/10/2020	10:00 AM to 12:00 PM	Equations
		2:00 PM to 4:00 PM	Technical
Day 15	14/10/2020	10:00 AM to 12:00 PM	Profit and Loss
		2:00 PM to 4:00 PM	Technical
Day 16	15/10/2020	10:00 AM to 12:00 PM	Percentages



Day 16	15/10/2020	2:00 PM to 4:00 PM	Technical
Day 17	16/10/2020	10:00 AM to 12:00 PM	Prepositions+ Vocabulary
		2:00 PM to 4:00 PM	Technical
Day 18	17/10/2020	10:00 AM to 12:00 PM	Forms of voice and Speech
		2:00 PM to 4:00 PM	Technical





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**TRAINING AND PLACEMENT CELL**

TP Cell

Training

VTU online  
Classes

2020-21

**Notice/Circular**

Date: 17/10/2020

# Microsoft's AI Machine Learning Online Classes in Association with NASSCOM

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to refer the following details of the event

<b>Eligible Branch/Class &amp; %age</b>	BE (CSE, ECE, EEE & MECH)
<b>Company/event name &amp; Nature :</b>	<b>Microsoft's AI Machine Learning Online Classes in Association with NASSCOM</b>
<b>Registration link:</b>	<b><a href="https://www.microsoft.com/en-in/campaign/microsoftAIforstudents/">https://www.microsoft.com/en-in/campaign/microsoftAIforstudents/</a></b>
<b>Details of course and Benefits:</b>	<p>Online classes will be delivered through easy -to-consume modules including demos, hands on workshop and assignment at no cost to the students. <b>The classes will be conducted in Batches between 19<sup>th</sup> - 24<sup>th</sup> October 2020</b></p> <p><b>Microsoft AI , Machine learning and data science expertise to students through a 3 part simulative learning series including demo and live Q &amp; A at free of cost</b></p> <ul style="list-style-type: none"> <li>➤ Microsoft AI Classroom series is an initiative by Microsoft in association with NASSCOM FutureSkills® and supported by GitHub.</li> <li>➤ The AI Classroom series is divided into three modules of 2.5 hours each; and includes live demos, hands-on experiments, and post session assignments to enable students to check their knowledge.</li> <li>➤ Each module will have 2 hours of learning and 30 minutes of live Q &amp; A session. These sessions are introduced by leading data scientists and AI influencers</li> <li>➤ Post the workshop completion, an assessment will be conducted and the students get 3 attempts to clear the assessment</li> <li>➤ The certificate will be a joint certificate offered by Microsoft and NASSCOM FutureSkills®</li> <li>➤ Exclusive Microsoft Official Course (MOC) material on AI with Azure lab access, \$100 Free Azure credit*, including, 25+ Azure services and 14+ developer tools, GitHub Student Developer Pack* including \$200k worth of tools and training, Certificate of Participation* for Microsoft AI Workshop, will be provided for registered students.</li> </ul>

Opportunity will knock your door at any time, so your best preparation for the event will make 100% successful career and helps to reach TP Cell Goal very easily.

  
17/10/2020  
**TRAINING & PLACEMENT OFFICER**  
Hirasugar Institute of Technology  
Nidasoshi- 591236, Dist: Belgaum





VTU CPC

# Visvesvaraya Technological University

"Jnana Sangama", Belagavi-590018 Karnataka

## Centralised Placement Cell (CPC)

VTU Regional Office, RHCS Layout, Annapoorneshwari Nagar, Bangalore 560091

Email: [placement@vtu.ac.in](mailto:placement@vtu.ac.in), <https://vtu.ac.in/en/vtu-placement/>

Ref: VTU CPC/Training/01/2020-21

Date: 15-10-2020

## VTU CPC Coordinate:

### Microsoft AI Classroom Series

Learn. Lead. Transform.

Register now



in association with

NASSCOM | futureskills

supported by

GitHub

Microsoft has joined forces with NASSCOM FutureSkills® to deliver Microsoft's AI, machine learning and data science expertise to students through a 3-part simulative learning series including demos and live Q&A\*

Upon successful completion of the course, you can download your Certificate of Participation\*\*.

For more details please visit [aka.ms/AI4Students](https://aka.ms/AI4Students)

These online classes will be delivered through multiple



14  
simulive sessions, at no cost to the students.



**When:**

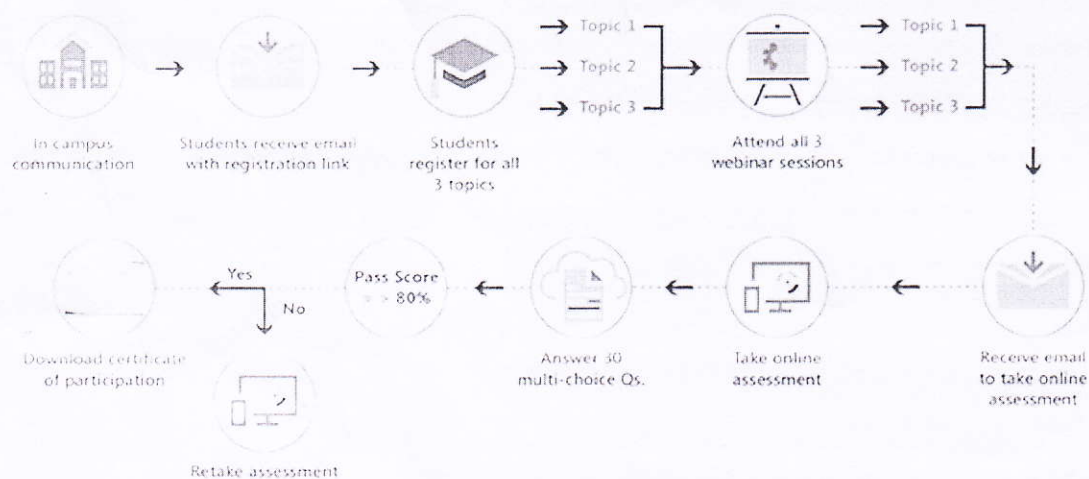
19-24 October, 2020



**Where:**

Simulative virtual sessions. Register for all 3 modules and get skilled at your own pace, from where you are.

### How it works.



**Register now**

\*Q&A will be via live chat with the subject matter experts.

\*\*Conditions apply

Please refer to the following.

- Microsoft AI Classroom series is an initiative by Microsoft in association with NASSCOM FutureSkills® and supported by GitHub.
- The AI Classroom series is divided into three modules of 2.5 hours each; and includes live demos, hands-on experiments, and post session assignments to enable students to check their knowledge.





**Notice/Circular**

Date: 25/03/2021

# VTU CPC CSR Drive

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to register with HIT's Training & Placement Cell on or before **26/03/2021, 5.00 pm.** without fail. Refer the following details of the event.

<b>Eligible Branch/ Class &amp; %Age</b>	BE (CSE/ECE/EEE/MECH) 2021 Batch
<b>Company/Event Name &amp; Nature</b>	<b>KodNest, Bengaluru</b>
<b>Hiring:</b>	Free Training cum Recruitment drive
<b>Kodnest- The Dream Factory</b>	KodNest Under its project 2021 "The Dream Factory" is going to train, Nourish and groom VTU Students in skills such as Technical + Aptitude + Programming + Personality Development with Resume building for absolutely free 2 Hours per day Online Self pace for 45 days is the training roadmap
<b>Academic Eligibility Criteria:</b>	<ul style="list-style-type: none"> <li>• Only 2021 batch Candidates</li> <li>• Graduation – B.E / B.Tech / M.E / M.Tech / MCA / BCA</li> <li>• * Stream- Any stream {Except Civil, Aeronautical &amp; Chemical Engineering}</li> </ul> <p>Civil, Aeronautical &amp; Chemical engineering students can join for free training but there is no placement assistance through KodNest</p>
<b>Benefits:</b>	The big takeaway here is that the students who attend all the 45 days training sessions and maintain an attendance of 90% and test scores of 80% or above will also be eligible for 5-10 Placement Opportunity along with that Opportunity for full stack development training program for free and this fullstack training program comes with unlimited placement opportunities and we are going to select 300 students for this full-stack program if they meet our above expectations and clear our final face 2 face interview. There are rewards awarded to the students, the top 5 will get iPad along with free full stack development courses and placement opportunities till they get their job.
<b>Registration Link (Last date to apply 28/03/2021):</b>	<a href="https://forms.gle/of5pSZKhyreCdqXN6">https://forms.gle/of5pSZKhyreCdqXN6</a>
<b>Essential Requirements:</b>	<p>Corporate Etiquette (dress code).</p> <p>Interview executive folder should contain followings:</p> <ul style="list-style-type: none"> <li>• Institute ID card</li> <li>• Well prepared and updated Resume</li> <li>• Copies all marks cards &amp; other personal documents of any other significant achievements.</li> </ul>

Opportunity will knock your door at any time, so your best preparation for the event will make 100% successful career and helps to reach TP Cell Goal very easily.

TRAINING & PLACEMENT OFFICER  
 Hirasugar Institute of Technology  
 Nidasoshi- 591236, Dt.: Belgaum





ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VTU CPC

**Visvesvaraya Technological University**

(State University of Government of Karnataka Established as per the VTU Act, 1994)

**Centralized Placement Cell(CPC)**

Regional Office, RHCS Layout, Annapoorneshwari Nagar, Nagarabhavi, Bangalore-560091

Ref: CPC Drive – 20/2021

Date: 24<sup>th</sup> March 2021

**Opening for**

**BE/B.Tech/ME/  
M.Tech/MCA All  
Streams\*  
2021 PASSING  
OUT ONLY**

Campus 2 Career  
**VTU CPC**

**Supports the\*  
Free Training cum  
Recruitment drive  
Through**

**DRIVE  
20**



**KodNest**

#### **Company Profile:**

KodNest is a product based software company in the ED-TECH space offering various solutions to people it is an ISO 29990:2010 and ISO 9001:2015 certified company for its quality in informal education & Recognized by Govt of India. KodNest Technologies is a premier skill development company with its corporate office in Bangalore offering an entire range of services involved in the training, development and Employment.

KodNest is India's leading career Accelerator for job seekers and IT professionals with its training platform. We pioneer the initiative of filling the gap between the IT companies and Academic by training students with top trending technologies in the IT Industry. We are now a growing organization with over 2,00,000+ users on our platform.

We take pride in ourselves in providing a First of its kind and Unique Program only by KodNest, in India by setting up a program for Innovation & Excellence (I&E) for your University by taking all the final year students and providing them free training on Technical, Aptitude & Soft Skills and also ensure to provide them 5-10 placement drives if the student has a 90% attendance and 80% test scores in the complete 45 days training program consistently. Our client base is steadily growing with over 200+ as of now, more so is our commitment to remain the regional leaders in the fields of Training and Employment.

<http://www.kodnest.com/>



## KODNEST- THE DREAM FACTORY

KodNest Under its project 2021 "The Dream Factory" is going to train, Nourish and groom VTU Students in skills such as Technical + Aptitude + Programming + Personality Development with Resume building for absolutely free 2 Hours per day Online Self pace for 45 days is the training roadmap

## ACADEMIC ELIGIBILITY CRITERIA

- Only 2021 batch Candidates
  - Graduation – B.E / B.Tech / M.E / M.Tech / MCA / BCA
  - \* Stream- Any stream {Except Civil, Aeronautical & Chemical Engineering}
- Civil, Aeronautical & Chemical engineering students can join for free training but there is no placement assistance through KodNest

**BENEFITS:** The big takeaway here is that the students who attend all the 45 days training sessions and maintain an attendance of 90% and test scores of 80% or above will also be eligible for 5-10 Placement Opportunity along with that Opportunity for full stack development training program for free and this fullstack training program comes with unlimited placement opportunities and we are going to select 300 students for this full-stack program if they meet our above expectations and clear our final face 2 face interview. There are rewards awarded to the students, the top 5 will get iPad along with free full stack development courses and placement opportunities till they get their job.

Registration Link (Last date to apply 28/03/2021)

<https://forms.gle/of5pSZKhyreCdqXN6>

**VTU CPC wishes all the candidates a prosperous career ahead.....**

VTU CPC is only a platform to link the recruiter and the candidates. The candidates are advised to take maximum care in selecting the recruiter and terms & conditions of appointment. VTUCPC is not responsible for any lapses in the agreement between the candidate and their recruiter.

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**Dr. Binoy Mathew, Director, VTU's Centralized Placement Cell(CPC), Email:**  
**placement@vtu.ac.in, <https://vtu.ac.in/en/vtu-placement/>**



**Notice/Circular**

Date: 30/07/2021

**VTU Destination-Training Program**

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to Refer the following details of the event.

<b>Eligible Branch/Class &amp; %Age:</b>	<b>BE (CSE/ECE/EEE &amp; MECH) 2021 &amp; 2022 Batch</b>
<b>Company/Event Name &amp; Nature :</b>	VTU CPC Supports the ' <b>Career and Placement Program</b> ' 120+ Hours of <b>Free Employability Training with Placement Assistance In Association with Destination Technologies</b>
<b>Free Training Link to Register and proceed for Training</b>	<a href="http://freecourse.destinationtechs.com/">http://freecourse.destinationtechs.com/</a>
<b>VTUCPC Registration Link (For further assistance students must register with the following link)</b>	<a href="https://forms.gle/5vRg13zv9gHaQAHDA">https://forms.gle/5vRg13zv9gHaQAHDA</a>
<b>Free Employability Training</b>	A Course to Succeed in Interviews by Destination Technologies final year and pre-final year graduates. This course will help the graduates to prepare themselves for interviews and also help them to have a wider perspective towards their career and also Job Free Employability Training Company Profile: Ref: CPC Drive - 2021-22/ 03 Date: 29th July 2021 Supports the 'Career and Placement Program' 120+ Hours of Free Employability Training with Placement Assistance In Association with Destination Technologies Opening for BE/B.Tech/ME/ M.Tech/MCA/M BA-All Branches Free Training for 2021 & 2022 Passing out DRIVE 03 search. We would like to bring into your notice that there are no commercial involved for this 120 hours of program and also we would support candidates with placement opportunities. Destination has started this initiative to support student community during this pandemic and to make students industry ready
<b>Course Content</b>	<ul style="list-style-type: none"> <li>• Verb and tense • Tenses • Error Location • Sentence Improvement • Fillers • Cloze test • Reading comprehension • Rearrangement • Theme Detection • Vocabulary • Preposition • Percentages • Profit and loss • SI&amp; CI • Ratio &amp; Propositions • Mixture &amp; Allegations • Ages • Number system • Partnership • Averages • LCM &amp; HCF Time and Distance • • Directions • Sitting arrangements • Blood relations • Analytical puzzles • Coded inequalities • Input and output • Calendar's Boats and Streams • Areas &amp; Volumes • Time and work • Number Series • Number analogy &amp; odd number • Time sequence • Clocks C Language • Introduction to C language • Operators and Expressions • Decision making Statements • Looping statements • Functions • Recursion • Storage classes • Arrays • Strings • Pointers • Dynamic memory management • Structures • Unions • Circular Linked list • Stacks • Trees • Searching &amp; Sorting and loads of C, Java and competitive programs with explanations.</li> </ul>
<b>Course Outcome</b>	<ul style="list-style-type: none"> <li>➤ Learn about Programming</li> <li>➤ Work around Object Oriented Programming</li> <li>➤ Write clean, well-commented Java code that's easy to maintain</li> <li>➤ Aptitude sessions with shortcut tricks for quantitative, verbal and logical abilities to clear interview round</li> <li>➤ Learn specific proven tricks and strategies to make sure you dominate the</li> <li>➤ Interview hiring process Resume writing sessions to ensure you build ATS proof resumes to attract more</li> <li>➤ interview calls</li> </ul>
<b>Benfits and more about Training:</b>	<b>Students will also get a chance to attend 25 Generic Fresher's drives conducted by Destination Technologies absolutely for Free of Cost</b> Video link to get more information - <a href="https://youtu.be/vZPTISN6v1MQ">https://youtu.be/vZPTISN6v1MQ</a>



2020-21

(2)

10



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

VTU CPC

## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

### Centralized Placement Cell(CPC)

Regional Office, RHCS Layout, Annapoorneshwari Nagar, Nagarabhavi, Bangalore-560091

Ref: CPC Drive – 2021-22/ 03

Date: 29<sup>th</sup> July 2021

### Opening for

**BE/B.Tech/ME/  
M.Tech/MCA/M  
BA-All Branches**

**Free Training for  
2021 & 2022  
Passing out**

VTU CPC

**DRIVE  
03**

**Supports the\***  
**'Career and Placement Program'**  
**120+ Hours of Free**  
**Employability Training with**  
**Placement Assistance**  
**In Association with**  
**Destination Technologies**

**DESTINATION**  
mentoring the career

### Company Profile:

Welcome to Destination! Destination is committed to imparting high - quality holistic education which will help the students to develop their skills in an innovative and healthy environment so that the students will thrive in today's competitive world and Incorporated in the year 2020, we're dedicated to giving you the very best of training and placements, with a focus on quality, customer service, and uniqueness. Destination is a one -stop solution for graduates looking for IT jobs. We design courses based on what exactly the industry needs and is looking for.

<https://www.destinationtechs.com/>

### Free Employability Training

A Course to Succeed in Interviews by Destination Technologies final year and pre-final year graduates. This course will help the graduates to prepare themselves for interviews and also help them to have a wider perspective towards their career and also Job



search. We would like to bring into your notice that there are no commercial involved for this 120 hours of program and also we would support candidates with placement opportunities. Destination has started this initiative to support student community during this pandemic and to make students industry ready

### **Course Content**

• Verb and tense • Tenses • Error Location • Sentence Improvement • Fillers • Cloze test • Reading comprehension • Rearrangement • Theme Detection • Vocabulary • Preposition • Percentages • Profit and loss • SI & CI • Ratio & Proportions • Mixture & Allegations • Ages • Number system • Partnership • Averages • LCM & HCF Time and Distance • Directions • Sitting arrangements • Blood relations • Analytical puzzles • Coded inequalities • Input and output • Calendar's Boats and Streams • Areas & Volumes • Time and work • Number Series • Number analogy & odd number • Time sequence • Clocks C Language • Introduction to C language • Operators and Expressions • Decision making Statements • Looping statements • Functions • Recursion • Storage classes • Arrays • Strings • Pointers • Dynamic memory management • Structures • Unions • Circular Linked list • Stacks • Trees • Searching & Sorting and loads of C, Java and competitive programs with explanations.

### **Course Outcome**

- Learn about Programming
- Work around Object Oriented Programming
- Write clean, well-commented Java code that's easy to maintain
- Aptitude sessions with shortcut tricks for quantitative, verbal and logical abilities to clear interview round
- Learn specific proven tricks and strategies to make sure you dominate the Interview hiring process
- Resume writing sessions to ensure you build ATS proof resumes to attract more interview calls

Students will also get a chance to attend 25 Generic Fresher's drives conducted by Destination Technologies absolutely for Free of Cost

Video link to get more information - <https://youtu.be/vZP1SN6v1MQ>

**Free Training Link to Register and proceed for Training**

[freecourse.destinationtechs.com](https://freecourse.destinationtechs.com)

**VTUCPC Registration Link (For further assistance students must register with the following link)**

<https://forms.gle/5vRg13zv9gHaQAHDA>

**VTU CPC wishes all the candidates a prosperous career ahead.....**

VTU CPC is only a platform to link the recruiter and the candidates. The candidates are advised to take maximum care in selecting the recruiter and terms & conditions of appointment. VTUCPC is not responsible for any lapses in the agreement between the candidate and their recruiter.

---

**Dr. Binoy Mathew, Director, VTU's Centralized Placement Cell(CPC), Email:**  
**placement@vtu.ac.in** <https://vtu.ac.in/en/vtu-placement/>





## Notice/Circular

Date: 02/02/2021

# FlyWeight PBPC (Product Building With Python Course)

All the eligible, interested and willing to prepare for the requirement of the event in all respects are informed to register with HIT's Training & Placement Cell on or before **03/02/2021, 5.00 pm.** without fail. Refer the following details of the event.

<b>Eligible Branch/Class</b>	<b>BE (CSE, ECE, EEE) 2022 &amp; 2023 Batch ( BE 2<sup>nd</sup> Year &amp; 3<sup>rd</sup> Year) Students</b>										
<b>Course/event name &amp; Nature:</b>	<b>FlyWeight PBPC (Product Building With Python Course)</b>										
<b>Training Fee :</b>	<b>Free Training Program</b>										
<b>Short summary of the program</b>	FlyWeight PBPC (Product Building With Python Course) is aimed at stimulating real world product building skills and capacities in undergraduate students. For selected undergraduate students, FlyWeight offers permanent mentorship and leadership opportunities on exciting R&D work throughout their education. The program is offered absolutely free of monetary charges, but expects 2hrs 30mins of attendee everyday for 1.5 to 3 months.										
<b>Apply Link:</b>	<b><a href="https://forms.gle/zjQQhdSt6EuXCn6m6">https://forms.gle/zjQQhdSt6EuXCn6m6</a></b>										
<b>Course Duration:</b>	<b>2hrs 30mins of attendee everyday for 1.5 to 3 months. Timing - Every day, 6 AM - 8 AM</b>										
<b>Contact Information:</b>	<table border="1"> <thead> <tr> <th>Name</th><th>Bio</th></tr> </thead> <tbody> <tr> <td>Shrijith</td><td>Software Engineering researcher at University of California, Irvine as a Masters degree pursuant In the past, I've been: Technical lead at K12 techno services DevOps Engineer at Endurance International/Directi</td></tr> <tr> <td>Shreehari</td><td>Software Engineer* @YouGov Research Ltd. Senior Software Engineer @K12 Techno Services ( Ed tech startup) Software Development Analyst @Dell EMC</td></tr> <tr> <td>Varun</td><td>Associate at TheMathCompany In the past, I've been: Application developer at Oracle</td></tr> <tr> <td>Ravikiran</td><td>SDE @ ZopSmart Technologies Bangalore (e grocery platform)</td></tr> </tbody> </table>	Name	Bio	Shrijith	Software Engineering researcher at University of California, Irvine as a Masters degree pursuant In the past, I've been: Technical lead at K12 techno services DevOps Engineer at Endurance International/Directi	Shreehari	Software Engineer* @YouGov Research Ltd. Senior Software Engineer @K12 Techno Services ( Ed tech startup) Software Development Analyst @Dell EMC	Varun	Associate at TheMathCompany In the past, I've been: Application developer at Oracle	Ravikiran	SDE @ ZopSmart Technologies Bangalore (e grocery platform)
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Shreehari	Software Engineer* @YouGov Research Ltd. Senior Software Engineer @K12 Techno Services ( Ed tech startup) Software Development Analyst @Dell EMC										
Varun	Associate at TheMathCompany In the past, I've been: Application developer at Oracle										
Ravikiran	SDE @ ZopSmart Technologies Bangalore (e grocery platform)										
<b>Syllabus &amp; Contact enclosed in this document:</b>	<a href="https://docs.google.com/document/d/1EA26MJR_U3EI-eyfHESE8_LzQoWtvVNbzMNj4309YiU/edit?usp=sharing">https://docs.google.com/document/d/1EA26MJR_U3EI-eyfHESE8_LzQoWtvVNbzMNj4309YiU/edit?usp=sharing</a>										



**Slightly longer summary of the program**

The course consists of the following components:

1. 1.5 months of focused & intense mini course on **Python** programming, **HTML**, **CSS**, and **Javascript** Programming. Moreover, we will introduce students to the **Django** framework. FlyWeight mentors will actively guide and help students in the learning process.
  2. We will select **upto 12 people** for the next round based on judgements on enthusiasm, progress, etc.
  3. For the next 1.5 months, the selected students will be formed into **groups of 3** and each group will be **paired up with a FlyWeight mentor**. Each mentor will share a real world product plan & action plan to achieve this with the group. In the given period each group will iteratively build the aforementioned product, giving the students real world experience in product building activities.
- All the students in the second round can continue working with the FlyWeight group, building products or researching if they wish to do so. Each of these students will be given a permanent mentorship and we want to build future leadership for FlyWeight with interested students.

**Detailed Mini Course Material**

Python Programming and Django.

- o **Goal:** Being able to write django backends for web applications, including database handling using django models, writing apis, creating templates.

**Python [docs] - [book]**

Functions and Variables- Exercise 18-21 **[book]**

Conditions and Looping - Exercises 29-33 **[book]**

Using various data structures and understanding their properties [ Tuple, List, Dict, Set ] -

[https://python.swaroopch.com/data\\_structures.html](https://python.swaroopch.com/data_structures.html)

String manipulations - [String Manipulation in Python](#) , Cheat sheet: [Python Strings Cheat Sheet](#)

Python classes ( oops ) - Exercise 40 **[book]**

ing jupyter notebook python interpreter - <https://jupyter.org/>

**Django -**

<https://docs.djangoproject.com/en/3.1/intro/tutorial01/>

Urls, Views, Django basic templating. - [URL dispatcher](#), [Writing views](#), [Templates](#)

Models - [Models Querying](#), [Searching](#), [Sorting](#). - [Making queries](#), [Search](#), [QuerySet API reference](#)

Serializing and deserializing -

- **HTML/CSS Goal:** Given a mockup or a wireframe, students should be able to come up with the HTML + CSS structure for the same

**HTML** - Learn to structure of the page, along with main tags as below, [Introduction to HTML](#), [HTML Basic Examples](#), [HTML Attributes](#), [HTML Headings](#), [HTML Images](#), [HTML Forms](#)

- o Exercise: Search for the web page you like the most. View the source and discover new tags from the page
- o Using CSS with HTML - Should be able to style the elements using CSS, [HTML Styles CSS](#), [HTML - The id attribute](#), [HTML Classes - The Class Attribute](#), [HTML Layout Elements and Techniques](#), [HTML Responsive Web Design](#)
- o Style Guide - Gives guidelines to be followed for writing consistent, clean and tidy HTML code, [HTML Styles CSS](#)

**Mini course timeline****Part 1: Learning the basics (1.5 months)**

During the first 1.5 months, while learning the basics of web application building, students are expected to work on 6 nano projects distributed over 6 weeks. A "polling" web application achieved through 6 incremental nano projects

- **Mockups of the target app can be found [here](#)**

- **Weekly goal summary:**

- o **Week 1:** Get a conversion of mockup into html + css
- o **Week 2:** Functions and loop related project.
- o **Week 3:** Prepare a csv/json of polls data - do analysis on the data - top voted question, top voted questions tagged with <something>, get list of questions that have <keyword> etc
- o **Week 4:** Django tutorial sample application working, with tags in backend (2-3 days). Get API 1 working end-to-end with jQuery + django backend with JSON as the exchange format. (3-4 days)
- o **Week 5:** Go deeper into jQuery + backend, more APIs
- o **Week 6:** Finish off APIs & final touches, push to github, create website (if possible)

**Part 2: Advanced product building for the selected (1.5 months)**

During the second 1.5 months, selected individuals will be put in Flyweight teams and work with mentors closely to build software products.

**Project Summary List**

- **Being in the zone:** Track users' mental state while an individual is completely immersed in a certain activity. Reports on the individual and groups' over all mental states. Push the teams to use the time in a more effective manner
- **BeatP** : being able to track user's goals, tasks activity and beat procrastination
- **Keymetrica:** Track user keystrokes while setting ambitious writing goals. Detailed reports for analysing recorded data, and reminders to stay on track for achieving writing goals
- o **Javascript + jQuery**
- Goal: Given a static page & backend API, be able to develop page interaction, data fetching & page modification. More context at [JavaScript Introduction](#), What specific things should the student be able to do in Javascript & jQuery? Use CSS selectors to pick parts of the page - [Examples of jQuery Selectors](#), [CSS Diner - Where we feast on CSS Selectors!](#)
- Handle UI events such as clicks, hover, scrolls in JS- [JavaScript Events](#), Make AJAX calls to the server side- [jQuery AJAX Introduction](#), Modify content/views on the page- [jQuery Get Content and Attributes](#)

Using the terminal- Refer to the appendix in [Learn Python The Hard Way](#) 3





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&E Engg. Dept.

Workshop

Notice/Circular

2019-20 (Odd)

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date: 03/09/2019

#### CIRCULAR

All the 5<sup>th</sup> and 7<sup>th</sup> sem students of EEE and ECE department are hereby informed that EESSA is organizing a Four Days Workshop on **"Basics of MATLAB and Simulink"** during 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> Sept 2019. Interested students can enroll their names by paying **registration fees of Rs 400/-** with EESSA/ECSA staff coordinator on or before 9<sup>th</sup> Sept 2019. Total number of participants will be restricted to 40 on first come first serve basis.

  
EESSA COORDINATORS.

  
4.9.19  
**Dr. B. V. Madiggond**  
Prof. & Head **BE, M.E, Ph.D.**  
Dept. of Electrical & Electronics Engg.  
HIT NIDASOSHI-591 236





### **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**


Four days Student Development program On Matlab and Simulink organized by Department of Electrical and Electronics engineering Hirasugar Institute of Technology in collaboration with Abeyaantrix SoftLab, Davangere

**4 Days Agenda: 19-09-2019 to 22-09-2019**

	Day1	Day2	Day3	Day4
Session1 9AM to 11:00 I	What Is MATLAB?, The MATLAB System, Development Environment, Exploring MATLAB	Overview of MATLAB Data Types, Programming with MATLAB	Creating Simulink Models, Understanding Simulink model, changing model parameters	Introduction to Simscape, Creating models in various physical domains
11.00 to 11.15 Tea Break				
Session2 11.15AM to 1.00Pm	Manipulating Matrices, Matrices and Magic Squares, Expressions, Working with Matrices	Program Control Statements IF, If-else, switch, For loop, while etc.	Hands on examples with simulink	Modeling Inverting and non inverting amplifier model, Modeling Rectifier, RLC circuit
Lunch Break 1pm:to 2 pm				
Session3 2pm to 3:30pm I	Matrix Indexing, Resizing and Reshaping Matrices	MATLAB Functions, Creating matlab function, Types of functions	Matlab plots, 2d plots, 3d plots, Line and discrete plots	Image processing Introduction, types of images, reading and writing images
3:30:3:45 Tea Break				
Session4 3:45pm to 5:00 pm	Multidimensional, Arrays, Summary, Empty Matrices, Scalars, and Vectors	Simulink introduction, Application of Simulink	signal Generation :Sine, Cos, Square wave etc	Image processing concepts, image thresholding, color transformation, Histogram.

**Speakers: Mr. Mallesh VS. Abeyaantrix Softlab and Mr. Shivaraj VS, Abeyaantrix Softlab.**  
**Workshop Co-ordinators: Prof. H. R. Zinage & Prof. O. B. Heddurshetti, EEE Dept, HSIT**



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		Academic
		Circular
		2019-20 (Odd)

ME/AY-19-20 Odd/Aca/Circular/02

Date: 06/01/2020

### CIRCULAR

All the Students of Mechanical Engineering are here by informed that CAD Centre Belagavi is planned to conduct **"CATIA software training"** from 27.01.2020 to 15.02.2020. Interested students can contact Prof. Mahantesh Tanodi, and enroll their names.

Circular to:

1. Notice board

  
HOD 6/1/2020  
Mechanical Engg.  
HIT, Nidasoshi





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Mech. Engg. Dept.
NAAC
<b>CERTIFICATE COURSE</b>
2019-20 (Odd)

## CERTIFICATE COURSE ON CATIA V5 and GD & T software Tools

(27<sup>th</sup> January 2020 to 15<sup>th</sup> February 2020)

### SCHEDULE

Venue: Computer Aided Machine Drawing Lab, HIT, Nidasoshi.

Time DATE	10.00 A.M - 1.15 P.M	1.15PM-2.15PM	2.15 P.M – 5.30 P.M
27/01/2020	<ul style="list-style-type: none"> <li>• Inauguration</li> <li>• Introduction to CATIA V5</li> </ul>	<b>LUNCH BREAK</b>	<ul style="list-style-type: none"> <li>• Understanding View Manipulation</li> </ul>
28/01/2020	<ul style="list-style-type: none"> <li>• Understanding Standard Toolbar</li> </ul>		<ul style="list-style-type: none"> <li>• Understanding Sketch Tools</li> <li>• Creating Construction</li> <li>• Applying Geometrical/ Dimensional Constraints</li> <li>• Understanding User Selection</li> <li>• Understanding Visualization Toolbar</li> <li>• Editing Profile</li> </ul>
29/01/2020	<ul style="list-style-type: none"> <li>• Understanding Constraints</li> </ul>		<ul style="list-style-type: none"> <li>• Sketch Analysis</li> <li>• Introduction to Part Design</li> <li>• Creating Sketch-Based Features</li> <li>• Creating Reference Element</li> <li>• Creating Sketch-based Feature</li> </ul>
30/01/2020	<ul style="list-style-type: none"> <li>• Applying Dress-Up Features</li> <li>• Creating Sketch-Based Features</li> </ul>		<ul style="list-style-type: none"> <li>• Applying Dress-up Features</li> <li>• Creating Surface-Based Features</li> </ul>
31/01/2020	<ul style="list-style-type: none"> <li>• Creating Transformation Features</li> </ul>		<ul style="list-style-type: none"> <li>• Inserting new bodies</li> <li>• Understanding Tools toolbar</li> </ul>
03/02/2020	<ul style="list-style-type: none"> <li>• Apply Material</li> <li>• Understanding Knowledge</li> <li>• Templates</li> <li>• Data Exchange in CATIA</li> <li>• Introduction to Assembly Design</li> <li>• Understanding Product Structure Tools</li> </ul>		<ul style="list-style-type: none"> <li>• Understanding Constraints Toolbar</li> <li>• Understanding Move Toolbar</li> <li>• Understanding Product Structure Tools</li> </ul>





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Mech. Engg. Dept.
NAAC
CERTIFICATE COURSE
2019-20 (Odd)

4/02/2020	<ul style="list-style-type: none"> <li>Assembly Features</li> </ul>		<ul style="list-style-type: none"> <li>Introduction to Sheet metal</li> </ul>
05/02/2020	<ul style="list-style-type: none"> <li>Creating Rolled Walls</li> </ul>		<ul style="list-style-type: none"> <li>Understanding Stamping Operations</li> </ul>
06/02/2020	<ul style="list-style-type: none"> <li>Understanding Transformation Operations</li> </ul>	LUNCH BREAK	<ul style="list-style-type: none"> <li>Wireframe and Surface Design</li> <li>Introduction to Surface Design</li> <li>Understanding Wireframe Toolbar</li> <li>Creating Surfaces</li> </ul>
07/02/2020	<ul style="list-style-type: none"> <li>Trim &amp; Split Definition</li> <li>Creating Surfaces</li> <li>Understanding Operations Toolbar</li> <li>Creating Projection Views</li> </ul>		<ul style="list-style-type: none"> <li>Creating Sectional Views</li> <li>Adding Drawing Sheets</li> </ul>
08/02/2020	<ul style="list-style-type: none"> <li>Deriving Annotations</li> </ul>		<ul style="list-style-type: none"> <li>Applying Dimensioning</li> </ul>
09/02/2020	<ul style="list-style-type: none"> <li>Understanding Annotations Toolbar</li> </ul>		<ul style="list-style-type: none"> <li>Understanding Geometry creation Toolbar</li> </ul>
12/02/2020	<ul style="list-style-type: none"> <li>Introduction GD&amp;T</li> <li>Dimensions and drawings</li> </ul>		<ul style="list-style-type: none"> <li>Size Tolerance</li> </ul>
13/02/2020	<ul style="list-style-type: none"> <li>GD&amp;T System</li> </ul>		<ul style="list-style-type: none"> <li>GD&amp;T Rules</li> </ul>
14/02/2020	<ul style="list-style-type: none"> <li>GD&amp;T Concepts</li> </ul>		<ul style="list-style-type: none"> <li>GD&amp;T Concepts</li> </ul>
15/02/2020	<ul style="list-style-type: none"> <li>Modifiers and Symbols</li> </ul>		<ul style="list-style-type: none"> <li>VALIDUCTORY FUNCTION</li> <li>DISRIBUTION OF CERIFICATES</li> </ul>

Course Coordinator  
 (Prof. M. I. Tanodi)

HOD  
 Mechanical Engg.  
 HIT, Nidasoshi





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ECE Dept.

Antenna  
Workshop

Circular


2019-20(Even)

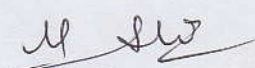
Ref. No.: HSIT/NDS/ECE/Workshop/2019-20

Date: 24/02/2020


**Circular**

A four days workshop on “Design and Simulation of Microstrip Antenna using HFSS simulation tool” is being organized by ECE department from 26<sup>th</sup>-29<sup>th</sup> February 2020. Therefore all the 8<sup>th</sup> semester electronics and Communication students are hereby informed to attend the workshop without fail. The detailed time-table and course content is displayed on the notice board for the reference. The workshop/Course is free of cost.

  
Workshop Coordinator


  
HOD




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			<b>STUDENT LIST</b>
			<b>2019-20</b>
			<b>EVEN SEM</b>

Design and Simulation of Microstrip Antenna using HFSS  
Workshop Time Table


Day/Date	Morning Session 9am to 1pm	Afternoon Session 2pm to 6 pm	Resource Person
Wednesday 26.02.2020	Introduction to antennas and its applications	HFSS antenna design and simulation Hands on	Niha solutions Bangalore
Thursday 27/02/2020	Feeding Techniques	HFSS antenna design and simulation Hands on	Niha solutions Bangalore
Friday 28/02/2020	Microstrip patch antenna design	HFSS antenna design and simulation Hands on	Niha solutions Bangalore
Saturday 29/02/2020	Design of Monopole Microstrip antenna	HFSS antenna design and simulation Hands on	Niha solutions Bangalore

  
Workshop Coordinator

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

  
Principal




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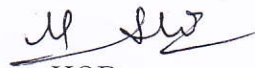
Ref. No.: HSIT/NDS/ECE/Workshop/2019-20

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 Workshop Coordinator

  
 HOD

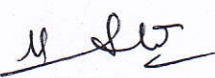


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		STUDENT LIST
		2019-20
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 Workshop Coordinator

  
 HOD  
 Electronics & Commn. Engg. Dept.  
 HSIT NIDASOSHI

  
 Principal



	S J P N Trust's		ECE Dept.
	<b>Hirasugar Institute of Technology, Nidasoshi</b>		IIIC, ECSA
	<i>Inculcating Values, Promoting Prosperity</i>		Workshop
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Date: 11/09/2019

## Notice

It is hereby informed that workshop on “**PCB Design & Testing**” is arranged on 19 to 22 September 2019 by Mr. Tulsidas Salunke, Electrosal Hi Tech Pvt. Ltd. in HIT campus. The interested students are informed to register their name towards Prof. Sachin S Patil.


Course Fee: Rs 300/- per participants.

  
Co coordinator

  
Coordinator ECSA & IIIC

  
HOD



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		IIIC, ECSA
		Workshop
		2019-20 (Odd)

### Objectives of workshop:

Students will be able to:

- Learn software tool for PCB design.
- Develop circuit schematic and PCB layout.
- Learn fabrication processes of PCB like printing, etching, drilling, component mounting and soldering.
- Generate Gerber file
- Do hobby projects.

### Workshop Contents:

(30 Hours)

The four days workshop would cover the following topics:

Introduction to Eagle PCB tool, A simple example: Schematic entry to PCB layout, Schematic Entry in detail: Creating custom components, importing standard libraries, Tools for creating components, Generating Net list from schematic: Annotation schemes, Matching schematic symbols to footprints, Board layout: Importing Net list, Footprint layout & form factor, Layers of design, Single layer, multilayer designs, Manual routing, Custom Tracks & vias, track width calculation, auto routing, outline routing tools, generating custom routes. (6 Hours)

Assignments for students to generate PCB layout for simple circuit. (4 Hours)

PCB Fabrication: Quick Presentation on PCB fabrication, printing on photo paper, etching, drilling, component mounting, soldering and testing (Hands on session). (6 Hours)

Masking, Silkscreen, Gerber file generation: Finalizing the design, Gerber file format for different layers. appending multiple boards. (6 Hours)

Designing simple PCB (Hands on session). (8 Hours)

### Outcomes of Workshop:

Students will be able to:

- Understand how to use software tool for PCB design by designing schematic & PCB layout for different circuits.
- Hands on experience on fabrication processes of PCB (printing, etching & drilling), component mounting, soldering and testing.
- Gain knowledge on how generate Gerber file.
- Do mini & hobby projects using knowledge gained in workshop.

  
Co coordinator

  
Coordinator ECSA & IIIC

  
HOD



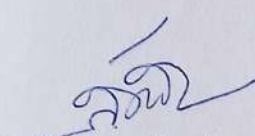


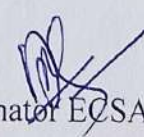
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ECE Dept.  
IIIC, ECSA  
Workshop  
2019-20 (Odd)

### Schedule

Date	Session	Time
19/09/2019	Inauguration	10.00 -10.35 am
	Seminar on PCB Designing	10.40 -11.30 am
	Tea Break	11.30 -11.45 am
	Seminar on PCB Designing	11.45am –1.00 pm
	Lunch	1.00 – 2.00 pm
	Assignment for students related to design	2.00 – 3.30 pm
	Tea Break	3.30 -3.45 pm
	Assignment for students related to design	3.45 – 5.00 pm
20/09/2019	Printing	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Drilling, Etching	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Component Mounting and Soldering	2.00 – 3.30 pm
	Tea Break	3.30 -3.45 pm
	Component Mounting and Soldering	3.45 – 5.00 pm
21/09/2019	Testing (Design 1)	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Designing (Masking and Silkscreen)	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Gerber file generation	2.00 – 3.30 pm
	Tea Break	3.30 - 3.45 pm
	Question Answer	3.45 – 4.15 pm
22/09/2019	Testing (Design 2 )	9.30 – 11.30 am
	Tea Break	11.30 -11.45 am
	Designing (Masking and Silkscreen)	11.45am– 1.00 pm
	Lunch	1.00 – 2.00 pm
	Gerber file generation	2.00 – 3.30 pm
	Tea Break	3.30 - 3.45 pm
	Test	3.45 – 4.15 pm
	Valedictory function	4.15 – 4.45 pm

  
Co coordinator

  
Coordinator ECSA & IIIC

  
HOD





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**ECE Dept.**

**Workshop**

**Notice**

**2019-20(Odd)**

Date: 13/09/2019

### NOTICE

It is hereby informed that the department of Electronics and Communication Engineering in Association with Indian Society for Technical Education (ISTE) is planning to organize a four days workshop on **"Python Programming"** is arranged on 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> September 2019 by Mr. Shitalkumar Borganve Senior Technical Lead, HCL Technologies Ltd. Bangalore, in HSIT campus. The interested students are informed to register their name towards Prof. S. S. Ittannavar, ECE Department.

Course Fee: Rs 300/- per participants.

ISTE Convener

**HOD**

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





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## **“Workshop on Python Programming”**

<b>Workshop Name</b>	Python Programming
<b>Branch</b>	ECE
<b>Prerequisites</b>	Basic Programming Skills and basic electronics.
<b>Year</b>	2019-20

### **Introduction:**

Python is an object-oriented programming language and is ideally designed for rapid prototyping of complex applications. It interfaces many OS system calls & libraries and is extensible to C or C++. Millions of developers and individuals build applications and products using python for complete automation. Python programming finds its applications in Artificial Intelligence, Neural Networks and other advanced fields of Computer Science. This workshop helps the students to learn and develop applications using Python.

### **Course Objectives:**

- To provide an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society.
- To create a platform for research scholars, faculty, engineers and students to solve problems on cutting edge technologies in IoT, Artificial Intelligence, Machine Learning and Deep Learning, Data Science.
- To provide Hands-on exposure about interface of multiple frameworks of python and its capability to develop various solutions.





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**Accredited at 'A' Grade by NAAC****Programmes Accredited by NBA: CSE, ECE, EEE & ME.****ECE Dept.****Workshop****Contents****2019-20****Course Outcomes:**

- Complete understanding of product development skills.
- Hands on experience by working on all examples in Python language.
- End to end understanding of hardware software interfacing techniques.
- Arduino IDE software, setting up development environment.
- Unit test, Quality check and debugging of embedded product.
- Gaining knowledge on various modules and structure of python.
- Students gain knowledge on how to use Google collaborator, a free service for running machine learning code without needing to setup anything.

**Lab Requirements:**

Sl. No	Details
1	Seminar hall with projector facility
2	Computer/Laptops with internet connection.
3	Power sockets

**Course Fees:** 300 INR / Student.





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**Accredited at 'A' Grade by NAAC****Programmes Accredited by NBA: CSE, ECE, EEE & ME.****ECE Dept.****Workshop****Contents****2019-20****Course Schedule:****DAY-1**

Session	Modules	Topics	Time Duration
Morning	Inauguration of the workshop on Python Programming		30 Minutes
	Module-I	Introduction, and setting up development environment. Questions and answer session.	3.00 hours
Afternoon		IDEs, Control statements, String manipulation. Questions and answer session.	4.50 hours

**DAY-2**

Session	Modules	Topics	Time Duration
Morning	Module-I / Module-II	Lists and examples, Tuples, dictionaries. Questions and answer session.	3.00 hours
Afternoon		Functions, examples. Questions and answer session.	4.50 hours

**DAY-3**

Session	Modules	Topics	Time Duration
Morning	Module-II/ Module-III	Modules and File, I/Os, Examples, Questions and answer session.	3.00 hours
Afternoon		Introduction to Google Collaboratory is a research tool for machine learning education. Questions and answer session.	4.50 hours

**DAY-4**

Session	Modules	Topics	Time Duration
Morning	Module-III	Research oriented examples. Questions and answer session.	3.00 hours
Afternoon		Running example codes. Questions and answer session.	4.50 hours
	Valedictory function of the workshop		30 Minutes

**Total Hours: 30 Hours**



**Course Contents:****Module – I**

Introduction, Setup & Installation of IDEs. Variables and Types, Control statements Numbers, Math, Input from users, string manipulation, Functions and Conditional Statements. Loops For and While Lists. **10 Hours**


**Module – II**

Introduction to tuples and its examples, Why Tuples? Its uses. Introduction to dictionaries and examples. Why Dictionaries and advantages. How to create and use tuples in python. File handling in Python and various examples. **10 Hours**

**Module – III**

Object oriented concepts with various examples on same. Here all students shall be involved into developing live project applications by using python frame work and various modules. Every student can come with ideas and building the projects on same. Introduction to Google Collaboratory is a research tool for machine learning education and research and running example codes. **10 Hours**



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	<b>Hirasugar Institute of Technology, Nidasoshi</b>		Training
	<i>Inculcating Values, Promoting Prosperity</i>		Circular
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Date: 21/09/2019




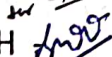
### Circular





All the final year students are hereby informed that training program (CREA) is scheduled from 23/09/2019 to 03/10/2019 by Innovations Unlimited Training Services, Bengaluru. All registered students need to assemble in Mechanical seminar at 09.00am on 23/09/2019.

  
21/09/2019  
Prof. N M Patel

**TRAINING & PLACEMENT OFFICER**  
**Hirasugar Institute of Technology**  
**Nidasoshi- 591236, Dt.: Belgaum**


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1. HOD CSE -  21/9/19
2. HOD ECE - 
3. HOD EEE - 
4. HOD MECH - 

5. TP Coordinator CSE - 
6. TP Coordinator ECE - 
7. TP Coordinator EEE - 
8. TP Coordinator MECH - 

Enclosure : List of Registered student




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		Training
		CREA
		2019-20

Date: 25/01/2020

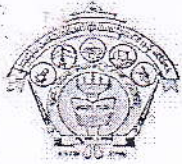
### Notice

All the Pre-final year students are hereby informed that training program of CREA-64Hours (Coaching for Recruitment and Empowerment of Actions) is scheduled from 27/01/2020 to 01/02/2020 by Innovation Unlimited Training Services, Bengaluru, All Registered students need to assemble in mechanical seminar hall on 27/01/2020 at 9.15am.

Prof. N M Patel

  
**TRAINING & PLACEMENT OFFICER**  
**Hirasugar Institute of Technology**  
**Nidasoshi- 591236, Dt.: Belgaum**








Date: 07-01- 2019

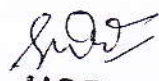
## NOTICE

Mechanical Engineering Department is organizing 15 days Training Programme on “ **CATIA and GD & T software tools**” **Mr. Shivanand Daroji, Technical Head, CADD Centre Tanning Services Private Limited, Belagavi.,** who is the resource person to conduct training programme. Hence, all the final year and pre final year students of Mechanical Engineering Department are hereby informed to enroll your names with course coordinator **Mr. Mhantesh Tanodi** on or before 18<sup>th</sup> January 2019.

Circulation To:

Class	VI ( A & B)	VIII (A & B)
Signature		

  
Course Coordinator  
(Prof. Mahantesh Tanodi)

  
**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**



# CERTIFICATE COURSE ON CATIA V5 and GD & T software Tools

(21<sup>st</sup> January to 07<sup>th</sup> February 2018)


## SCHEDULE

Venue: Computer Aided Machine Drawing Lab, HIT, Nidasoshi.

Time DATE	10.00 A.M - 1.15 P.M	1.15PM- 2.15PM	2.15 P.M – 5.30 P.M
21/01/2019	<ul style="list-style-type: none"> <li>• Inauguration</li> <li>• Introduction to CATIA V5</li> </ul>	<b>LUNCH BREAK</b>	<ul style="list-style-type: none"> <li>• Understanding View Manipulation</li> </ul>
22/01/2019	<ul style="list-style-type: none"> <li>• Understanding Standard Toolbar</li> </ul>		<ul style="list-style-type: none"> <li>• Understanding Sketch Tools</li> <li>• Creating Construction</li> <li>• Applying Geometrical/ Dimensional Constraints</li> <li>• Understanding User Selection</li> <li>• Understanding Visualization Toolbar</li> <li>• Editing Profile</li> </ul>
23/01/2019	<ul style="list-style-type: none"> <li>• Understanding Constraints</li> </ul>		<ul style="list-style-type: none"> <li>• Sketch Analysis</li> <li>• Introduction to Part Design</li> <li>• Creating Sketch-Based Features</li> <li>• Creating Reference Element</li> <li>• Creating Sketch-based Feature</li> </ul>
24/01/2019	<ul style="list-style-type: none"> <li>• Applying Dress-Up Features</li> <li>• Creating Sketch-Based Features</li> </ul>		<ul style="list-style-type: none"> <li>• Applying Dress-up Features</li> <li>• Creating Surface-Based Features</li> </ul>
25/01/2019	<ul style="list-style-type: none"> <li>• Creating Transformation Features</li> </ul>		<ul style="list-style-type: none"> <li>• Inserting new bodies</li> <li>• Understanding Tools toolbar</li> </ul>
26/01/2019	<ul style="list-style-type: none"> <li>• Apply Material</li> <li>• Understanding Knowledge</li> <li>• Templates</li> <li>• Data Exchange in CATIA</li> <li>• Introduction to Assembly Design</li> <li>• Understanding Product Structure Tools</li> </ul>		<ul style="list-style-type: none"> <li>• Understanding Constraints Toolbar</li> <li>• Understanding Move Toolbar</li> <li>• Understanding Product Structure Tools</li> </ul>



27/01/2019	<ul style="list-style-type: none"> <li>• <b>Assembly Features</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Introduction to Sheet metal</b></li> </ul>
28/01/2019	<ul style="list-style-type: none"> <li>• <b>Creating Rolled Walls</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Understanding Stamping Operations</b></li> </ul>
01/02/2019	<ul style="list-style-type: none"> <li>• <b>Understanding Transformation Operations</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Wireframe and Surface Design</b></li> <li>• <b>Introduction to Surface Design</b></li> <li>• <b>Understanding Wireframe Toolbar</b></li> <li>• <b>Creating Surfaces</b></li> </ul>
02/02/2019	<ul style="list-style-type: none"> <li>• <b>Trim &amp; Split Definition</b></li> <li>• <b>Creating Surfaces</b></li> <li>• <b>Understanding Operations Toolbar</b></li> <li>• <b>Creating Projection Views</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Creating Sectional Views</b></li> <li>• <b>Adding Drawing Sheets</b></li> </ul>
03/02/2019	<ul style="list-style-type: none"> <li>• <b>Deriving Annotations</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Applying Dimensioning</b></li> </ul>
04/02/2019	<ul style="list-style-type: none"> <li>• <b>Understanding Annotations Toolbar</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Understanding Geometry creation Toolbar</b></li> </ul>
05/02/2019	<ul style="list-style-type: none"> <li>• <b>Introduction GD&amp;T</b></li> <li>• <b>Dimensions and drawings</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Size Tolerance</b></li> </ul>
06/02/2019	<ul style="list-style-type: none"> <li>• <b>GD&amp;T System</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>GD&amp;T Rules</b></li> </ul>
07/02/2019	<ul style="list-style-type: none"> <li>• <b>GD&amp;T Concepts</b></li> </ul>		<ul style="list-style-type: none"> <li>• <b>Modifiers and Symbols</b></li> <li>• <b>VALIDUCTORY FUNCTION</b></li> <li>• <b>DISRIBUTION OF CERIFICATES</b></li> </ul>

  
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## SYLLABUS OF CATIA V5

sessions	Topics (Total Hours-80 hrs)
1	<b>Introduction to CATIA V5</b> <ul style="list-style-type: none"><li>• What is CATIA V5</li><li>• Design Intent</li><li>• System Requirements</li></ul>
2	<b>Understanding View Manipulation</b> <ul style="list-style-type: none"><li>• Fly mode</li><li>• Fit All In</li><li>• Pan</li><li>• Rotate</li><li>• Zoom In</li><li>• Zoom Out</li><li>• Normal View</li><li>• Multi View</li><li>• Quick View</li><li>• View mode</li><li>• Hide/Show</li></ul>
3	<b>Understanding Standard Toolbar</b> <ul style="list-style-type: none"><li>• New</li><li>• Open</li><li>• Save</li><li>• Save Management</li><li>• Copy</li><li>• Paste</li><li>• Undo</li><li>• Redo</li><li>• Basic Sketching</li><li>• Positioned Sketching</li></ul> <b>Profile Creation Using</b> <ul style="list-style-type: none"><li>• Profile</li><li>• Predefined Profile</li><li>• Circle</li><li>• Spline</li><li>• Conic</li><li>• Line</li><li>• Point</li><li>• Axis</li></ul>
4	<b>Understanding Sketch Tools, Creating Construction, Applying Geometrical/ Dimensional Constraints, Understanding User Selection &amp; Understanding Visualization Toolbar</b> <ul style="list-style-type: none"><li>• 3D Element visualization</li><li>• Dimensional Constraints</li><li>• Geometrical Constraints</li></ul> <b>Editing Profile</b>





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	<ul style="list-style-type: none"> <li>• Corner</li> <li>• Chamfer</li> </ul>
5	<b>Understanding Constraints</b> <ul style="list-style-type: none"> <li>• Constraints</li> <li>• Constraint Creation</li> <li>• Contact Constraint</li> </ul>
6	<b>Sketch Analysis, Introduction to Part Design &amp; Creating Sketch-Based Features</b> <ul style="list-style-type: none"> <li>• Pad Definition</li> <li>• Pocket Definition</li> <li>• Shaft Definition</li> <li>• Groove Definition</li> <li>• Hole Definition</li> </ul> <b>Creating Reference Element</b> <ul style="list-style-type: none"> <li>• Plane Definition</li> </ul>
	<b>Creating Sketch-based Feature</b> <ul style="list-style-type: none"> <li>• Rib Definition</li> <li>• Slot Definition</li> <li>• Stiffener Definition</li> </ul>
7	<b>Applying Dress-Up Features</b> <ul style="list-style-type: none"> <li>• Edge Fillet Definition</li> <li>• Chamfer Definition</li> </ul> <b>Creating Sketch-Based Features</b> <ul style="list-style-type: none"> <li>• Multi-Sections Solid Definition</li> <li>• Removed Multi-Section Solid Definition</li> </ul>
8	<b>Applying Dress-up Features</b> <ul style="list-style-type: none"> <li>• Draft Reflect Line Definition</li> <li>• Variable Angle Draft Definition</li> <li>• Shell Definition</li> <li>• Thickness Definition</li> </ul> <b>Creating Surface-Based Features</b> <ul style="list-style-type: none"> <li>• Split Definition</li> </ul>
9	<b>Creating Transformation Features</b> <ul style="list-style-type: none"> <li>• Transformation Definition</li> <li>• Rotation Definition</li> <li>• Symmetry Definition</li> <li>• Axis</li> <li>• Mirror Definition</li> <li>• Pattern – Rectangular/ Circular Pattern Definition</li> <li>• Scale Definition</li> </ul>
10	<b>Inserting new bodies</b> <ul style="list-style-type: none"> <li>• Body</li> <li>• Geometric Set</li> </ul> <b>Understanding Tools toolbar</b> <ul style="list-style-type: none"> <li>• Update all</li> <li>• Manual Update Mode</li> <li>• Axis System</li> </ul>





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11	<b>Apply Material, Understanding Knowledge, Templates, Data Exchange in CATIA, Introduction to Assembly Design &amp; Understanding Product Structure Tools</b> <ul style="list-style-type: none"><li>• New Component</li><li>• New Product</li><li>• New Part</li><li>• Existing Component</li><li>• Existing Component with Positioning</li></ul>
12	<b>Understanding Constraints Toolbar</b> <ul style="list-style-type: none"><li>• Coincidence Constraints</li><li>• Contact Constraints</li><li>• Offset Constraints</li><li>• Angle Constraints</li><li>• Fix Component</li></ul> <b>Understanding Move Toolbar</b> <ul style="list-style-type: none"><li>• Manipulation</li><li>• Snap/Smart Move</li></ul> <b>Understanding Product Structure Tools</b> Generate Numbering
13	<b>Assembly Features</b> <ul style="list-style-type: none"><li>• Split</li><li>• Hole</li><li>• Pocket</li></ul>
14	<b>Introduction to Sheet metal</b> <ul style="list-style-type: none"><li>• Understanding Sheet metal Parameters</li><li>• Fold/Unfold</li><li>• Creating Walls</li><li>• Wall on Edge</li><li>• Extrusion</li><li>• Swept Walls-</li><li>• Flange, Hem</li><li>• Tear Drop</li><li>• User Flange</li></ul>
15	<b>Creating Rolled Walls</b> <ul style="list-style-type: none"><li>• Hopper</li><li>• Rolled Wall</li><li>• Bend /</li><li>• Conical Bend</li><li>• Bend from Flat</li><li>• Unfolding</li><li>• Folding</li><li>• Cut-out</li><li>• Circular cut-out</li><li>• Hole</li><li>• Corner Relief</li><li>• Corner</li><li>• Chamfer</li></ul>





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16	<b>Understanding Stamping Operations</b> <ul style="list-style-type: none"><li>• Surface Stamping</li><li>• Bead</li><li>• Curve Stamping</li><li>• Flanged Cut out</li><li>• Louver</li><li>• Bridge</li><li>• Flanged Hole</li><li>• Circular stamp</li><li>• Stiffening rib</li><li>• Dowel</li><li>• User Stamp</li></ul>
17	<b>Understanding Transformation Operations</b> <ul style="list-style-type: none"><li>• Mirror</li><li>• Rectangular Pattern</li><li>• Circular Pattern</li><li>• User Pattern</li><li>• Translation</li><li>• Rotation</li><li>• Symmetry</li><li>• Axis to Axis</li></ul>
18	<b>Wireframe and Surface Design, Introduction to Surface Design &amp; Understanding Wireframe Toolbar</b> <ul style="list-style-type: none"><li>• Point, Point and Planes Repetition</li><li>• Line, Axis, Polyline</li><li>• Plane, Planes Between</li><li>• Projection</li><li>• Intersection</li><li>• Circle, Corner, Connect</li><li>• Spline</li><li>• Helix</li></ul> <b>Creating Surfaces</b> <ul style="list-style-type: none"><li>• Extruded Surface Definition</li><li>• Revolution Surface Definition</li></ul>
19	<b>Trim &amp; Split Definition</b> <ul style="list-style-type: none"><li>• Creating Surfaces</li><li>• Cylinder Surface Definition</li><li>• Offset Surface Definition</li><li>• Fill Surface Definition</li><li>• Multi-Sections Surface Definition</li><li>• Blend Definition</li></ul>
	<b>Understanding Operations Toolbar &amp; Creating Projection Views</b> <ul style="list-style-type: none"><li>• Join</li><li>• Front view</li><li>• View from 3D</li><li>• Projection</li><li>• Isometric</li></ul>





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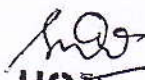
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	<ul style="list-style-type: none"><li>• Advanced Front view</li></ul>
20	<b>Creating Sectional Views &amp; Adding Drawing Sheets</b> <ul style="list-style-type: none"><li>• Sheets</li><li>• New View</li><li>• Instantiate 2D Component</li></ul>
21	<b>Deriving Annotations</b> <ul style="list-style-type: none"><li>• Generate Dimension</li><li>• Balloon Creation</li><li>• Bill of Materials</li></ul>
22	<b>Applying Dimensioning</b> <ul style="list-style-type: none"><li>• Creating Dimensions Using</li><li>• Dimensions</li><li>• Chained Dimensions</li><li>• Cumulated Dimensions</li><li>• Stacked Dimensions</li><li>• Length Dimension</li><li>• Angle Dimension</li><li>• Radius Dimension</li><li>• Diameter Dimension</li><li>• Chamfer Dimension</li><li>• Thread Dimension</li><li>• Co-ordinate Dimension</li><li>• Hole Dimension Table</li></ul>
23	<b>Understanding Annotations Toolbar</b> <ul style="list-style-type: none"><li>• Text</li><li>• Symbols</li><li>• Table</li><li>• Add Leader</li></ul>
	<b>Understanding Geometry creation Toolbar</b> <ul style="list-style-type: none"><li>• Points</li><li>• Line</li><li>• Circle and Ellipse</li><li>• Profiles</li></ul>

  
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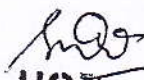
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2018-19(EVEN)

	<ul style="list-style-type: none"><li>• Advanced Front view</li></ul>
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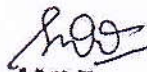
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	<ul style="list-style-type: none"><li>• Datum feature</li><li>• Datum feature simulator</li><li>• Datum feature symbol</li><li>• Coplanar datum features</li></ul> <b>Datum Targets</b>
08	<b>Modifiers and Symbols</b> <ul style="list-style-type: none"><li>• Five types of geometric characteristic symbols</li><li>• Fourteen geometric characteristic symbols</li></ul> <b>Common modifying symbols used in geometric tolerance</b>

  
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CSE DEPT.

Course on AI  
and ML

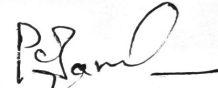
Registration

2018-19

**Date: 29.08.2018**

## **CIRCULAR**


We are happy to inform you all that the Department of CS&E is going to organize 30 Hours course on Artificial Intelligence in association with Shradha Infotech Belagavi. Hence the interested students of V and VII semester are hereby informed to register your name to your respective class teacher on or before 03.09.2018

  
HOD

For

class room circulation



	S J P N Trust's		ECE Dept.
	<b>Hirasugar Institute of Technology, Nidasoshi.</b>		IIIC, ISTE
	<i>Inculcating Values, Promoting Prosperity</i>		Workshop
	Approved by AICTE, New Delhi Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Recognized Under Section 2(f) of UGC ACT, 1956		2018-19 (Even)

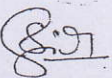
Date: 06/02/2019

## Notice


It is hereby informed that “**Workshop on PCB Designing**” is arranged on 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> February 2019 by Mr. Tulsidas Salunke, Electrosal Hi Tech Pvt. Ltd. in HIT campus. The interested students are informed to register their name towards Prof. Shreevijay Ittannavar, ISTE coordinator.

Course Fee: Rs 300/- per participants.


  
IIIC Convener

  
ISTE Coordinator

  
ECSA Coordinator

  
HCD  
Electronics & Comm. Engg. Dept.  
HST NIDASOSHI



	S J P N Trust's		ECE Dept.
	<b>Hirasugar Institute of Technology, Nidasoshi.</b>		IIIC, ECSA
	<i>Inculcating Values, Promoting Prosperity</i>		Workshop
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**“PCB Designing and Testing “**  
In association with  
**Electrosal Hi Tech Pvt.Ltd.Nipani**

**Outcomes of the Workshop:**

Students will be able to:

- Use software tool for PCB Design.
- Develop circuit schematic and PCB layout.
- Fabrication of PCB like printing, etching, drilling, component mounting and soldering. Intro
- Generate Gerber File.
- Do hobby projects.

**Syllabus:**

**Unit 1:** Introduction to Eagle PCB tool, A simple example: Schematic entry to PCB layout, Schematic Entry in detail: Creating custom components, importing standard libraries, Tools for creating components, Generating Net list from schematic: Annotation schemes, Matching schematic symbols to footprints, Board layout: Importing Net list, Foot print layout and form factor, Layers of design, Single layer, multilayer designs, Manual routing, Custom Tracks and vias, track width calculation, auto routing, outline routing tools, generating custom routes. (6 Hours)

**Unit 2:**

Assignments for students to generate PCB layout for simple circuit. (5 Hours)

**Unit 3:**

PCB Fabrication: Quick Presentation on PCB fabrication, Printing on photo paper, etching, drilling, component mounting, soldering and testing. (7 Hours)

**Unit 4:**

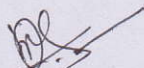
Masking, silkscreen, Gerber file generation : Finalizing the design, Gerber file format for different layers, appending multiple boards. (6 Hours)

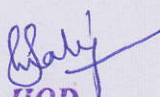
**Unit 5 :**

Designing simple PCB. (Hands on session 6 Hours)

  
IIIC  
Convener

  
ISTE  
Coordinator

  
ECSA  
Coordinator

  
HOD  
Electronics & Commn. Engg. Dept.  
HSIT NIDASOSHI