



About the Institute: EAST WEST GROUP OF INSTITUTIONS, a well known and a prominent educational institutions crowns an absolute place among the top colleges in Bengaluru. The institutions was founded by a philanthropist and a social worker Shri. C M NAGARAJ in 1968, seizing the limelight as a vision for its reputation in the realm of technological education. EWGI upholds its unflinching recognition in all respects of academics and is celebrating 50th year of Academic Excellence, honing the life of every student with a code of conduct. EWGI offers vivid programs such as Engineering, Architecture, Science & Commerce, Management, Pharmacy, Polytechnic, Nursing, etc. East West Institute of Technology established in 2001 with the prime motto to serve the best quality based on technical education and the campus is advantageously located in a well-known green city of Bengaluru and has an extensive vicinity of 20 acres of land surrounded with congenial and pleasant learning atmosphere.

About STTP: The embedded device are a part of a largest device. Where they perform specific task of the device. Embedded systems will also be at the cornerstone for the deployment of many Internet of things (IoT) solutions. Especially with in certain industry verticals and Industrial Internet of things applications.

Objectives of STTP: STTP is focused on the design and development of embedded system and IoT sensor applications that includes hands on sessions in the area of schematics, workspace and component library editing PCB design routing and Sensors applications. To enable faculty to carry out the research projects independently in IoT application domain.

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Resource Persons

Mr. Narasimhan,
CEO, Saroja Enterprises
Mysore

Click Here For Registration

https://docs.google.com/forms/d/e/1FAIpQLScw6mQVZRi47B8v-DRTG3aVPNZHHkLzcTEz6Gs8It6fuCRILa/viewform?usp=sf_link



AICTE Sponsored 6 Days

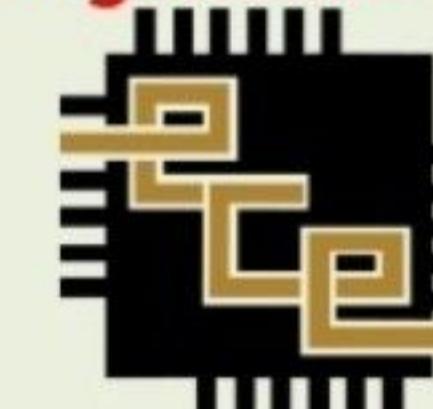
Online Short Term Training Programme on
**Design and Development of IoT Applications
(PYTHON, PROCESSOR, IOT, ML)**

Phase-1

End to End System Solutions for
Embedded Systems and IOT designs

23rd November to 28th November 2020

Organized by



Department of
ELECTRONICS & COMMUNICATION ENGINEERING

East West Institute of Technology
#63, Off Magadi Road,
Bengaluru,
Karnataka-560091
Ph.No.080 2328 8899
Website: <http://newit.ewgi.in>

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CHIEF COORDINATOR & CONVENER

Dr. S G Hiremath, Coordinator
Prof & Head, Dept . of ECE, EWIT

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Email ID: manjulabb@gmail.com

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Prof. Bhagya, Asst. Prof.

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Mobile No. 9739736161

PROGRAM EVALUATION COMMITTEE (PEC)

Dr. Vijaykumar C N, Professor & Head,
EEE, EWIT

Dr. Mahantesh K, Prof. ECE, SJBIT

Organizing Committee:

Prof. Divya B N,

Asst. Prof

Prof. Manasa S,

Asst. Prof

Prof. Namratha,

Asst. Prof

Prof. Hema C,

Asst. Prof

Prof. Akshaya Y M

Asst. Prof

Prof. Arpitha B V,

Asst. Prof

INTENDED AUDIENCE

Faculty members, Researchers, Industry Professionals.

GUIDELINES: A test shall be conducted by organizing committee at the end of the program. The E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

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DAY 1 : Schematics, Work Space and Component Library editing

- Introduction to Board Design, its importance and scope
- Work place and Document editing, Title Pages
- Component creation, design information updating
- Schematics entry, components library editing and updating
- Schematics design and net list generation and verification
- Introduction to Library Editing
- Schematic Library Editor
- PCB Library Editor
- Introduction to Title pages,
- Modifying and Updating Components, creating components
- Schematic Capture, Multiple Sheets Design
- Assigning designators and Printing schematics.

DAY 2 : PCB design, routing and verification

- The PCB Editor workspace and title pages
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- Auto, Interactive and Manual Routing
- Different layers verifications

DAY 3 : Final PCB Design Guide lines and Verifications

- ❖ Final PCB finish guidelines
- ❖ Copper pouring, copper balancing, rooms, masking
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- ❖ Print PCB layers
- ❖ PCB plots and Gerber files verification and back annotation
- ❖ EMI, ESD, UL, FCC conformance testing of the final PCB Design

DAY 4 :ES and IOT SENSORS Applications

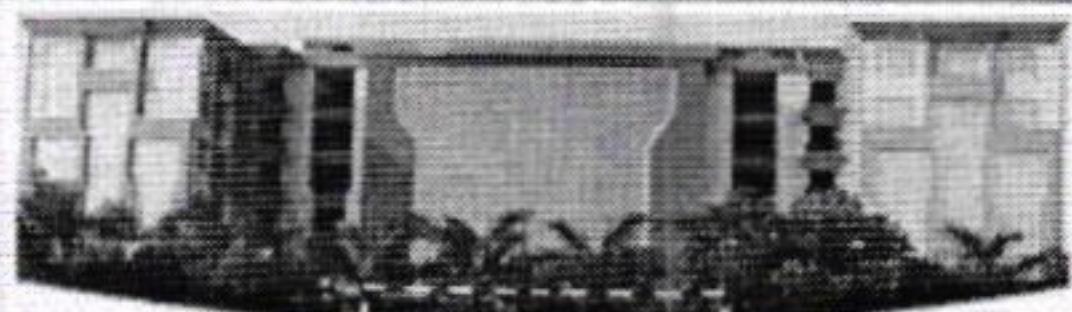
- ❖ Introduction to ARM University program and registration
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- ❖ Introduction to the ARM Architecture Understanding the eval kit, both hardware and software
- ❖ Introduction to plenty of multiple vendor platforms (NXP, SiLabs, ST Micro etc)
- ❖ Introduction to plenty of multiple vendor IOT Sensors (hundreds of sensors)
- ❖ Introduction to few RF modules (Zbee, BT, LoRaWan, Wifi, GPS etc)
- ❖ Introduction to Program downloading methods (Flash Magic, DAP link, Ulink etc)
- ❖ Participants will view the code, compile, download to the eval kit and see the working on the board
- ❖ General purpose IO interfaces, Blink LED to start with and then perform all the below
- ❖ listed experiments

DAY 5 (Software testing and verification on the board)

- ❖ General purpose IO interfaces, Blink LED to start with and then perform the below listed experiments
- ❖ View the captured scope waveforms or sensor outputs, wherever necessary, all the experiments listed below are hands on/viewable on line.
- ❖ Keil uVision , project loading and debugging methods
- ❖ Assembly level programming details, debugging using Keil uvision.

DAY 6 (Advanced experiments)

- ❖ ANALOG interface : Understanind the importance of ANALOG to digital conversion
- ❖ techniques , its importance, real world problems,
- ❖ ADC Interface : All kinds of sensors Interface with application examples (Temp, Sound, Light, Ultra Sound, buzzer and many more)
- ❖ DAC Interface :All kinds of drives, governors/controllers interfaces, waveform
- ❖ generations for specific drives (Sine, Saw,Ramp, trapezoidal etc)
- ❖ USB Interface, Serial port interface, understanding the communication protocols,
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- ❖ RS232 Board to Board communication, Board to PC communications
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- ❖ SPI Board to Board Communications
- ❖ Details of Module interfaces like Xbee, GPS etc



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Affiliated to Visvesvaraya Technological University

Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka



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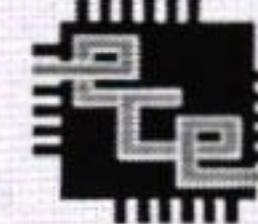
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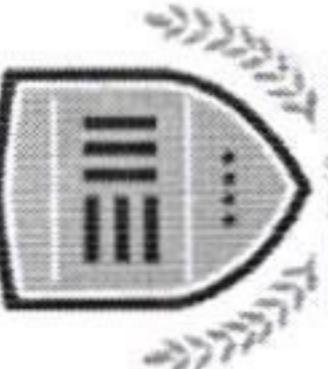
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Principal & Director

East West Institute of Technology
Bengaluru - 560 091



EAST WEST

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EAST WEST INSTITUTE OF TECHNOLOGY

63, Off Magadi Main Road, Vishwaneedam Post, Near Anjana Nagar, Bangalore - 560091
Ph: 080-23286732; Fax: 080-23288244; Email: principal@ewit.edu; Website: www.ewit.edu

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Title : Design and Development of IoT Applications (PYTHON, PROCESSOR, IOT, ML) Phase-1
End to End System Solutions for Embedded Systems and IoT designs on 23/11/2020
to 28/11/2020

Students:

SN	Name of the Students	USN	23-11-2020		24-11-2020		25-11-2020		26-11-2020		27-11-2020		28-11-2020	
			Morning Session	Afternoon Session										
1.	1EW19EC001	Abhinav Narendra Ekboti	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.	1EW19EC002	Aishwarya Savanth N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3.	1EW19EC003	Ajeet Kumar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4.	1EW19EC004	Alok B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5.	1EW19EC005	Amit V Patil	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6.	1EW19EC006	Amrutha C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7.	1EW19EC007	Anay Ramakant Mantri	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8.	1EW19EC008	Anu R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9.	1EW19EC009	Anushree K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10.	1EW19EC010	Apoorva H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11.	1EW19EC011	Apoorva P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12.	1EW19EC012	Bhavana A B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Principal & Director
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Bangalore - 560 091

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PHASE-1 (Day-1) (Feedback)

Timestamp	Username	Name	College	Designati on	Mobile Number	Did the program meet its objectives?	How useful were the inputs received from the program for your job?	What were the things you liked about this program?	What were the things you disliked about this program?	How can you implement what you have learnt in your work?
2020/11/23 3:13:32 PM GMT+5:30	revathieie@Kamarajan gg.edulin	Revathi.L.V	Kamaraj College Of Engineering And Technology	Assistant Professor	9486117940	yes	research	Explanation	Nothing	in paper work
2020/11/23 3:13:34 PM GMT+5:30	nandakumar.civil@sonatech.ac.in	Nandakumar.D	Sona College Of Technology	Assistant Professor	8825824685	Yes	Yes	Applications	Nil	Application of iot
2020/11/23 3:15:14 PM GMT+5:30	muhaid@mepcoeng.ac.i n	Muhaidheen	Mepco Schlenk Engineering College	Assistant Professor	9597070914	Yes	PCB design	Demo	Nil	Nil
2020/11/23 3:15:54 PM GMT+5:30	raguvaran@ksrct.ac.in	Raguvaran K	K.S.Rangasamy College Of Technology	Assistant Professor	9994666307	Yes	Very useful	Free software for designing	Less time	Implement new course for students
2020/11/23 3:16:15 PM GMT+5:30	sagarika.rayapudi@g mail.com	R.Hima Sagarika	Kg Reddy College Of Engineering And Technology	Assistant Professor	7382322413	Yes	Good	Pcb	Nothing	In my class room
2020/11/23 3:16:30 PM GMT+5:30	vijayamtech5@gmail. com	Vijayalaxmi Gopu	Vaagdevi College Of Engineering	Knowledge share with colleagues and students	9515759944	Yes	Presentation	Everything fine	As a beginner I learn first from the origin	if we are carrying research
2020/11/23 3:16:53 PM GMT+5:30	Jmegha1510@gmail.com	Megha J	Kssem	Assistant Professor	8147788554	YES	some what	hands on	nothing	Q

2020/11/23 3:17:13 PM GMT+5:30	shellysinha@kgr.ac.in	Shelly Sinha	K grcet Assistant Professor	8919724645 Yes Good	Excellent No	In research
2020/11/23 3:17:15 PM GMT+5:30	pareek271@gmail.co m	Kailash Pareek	Iase Deemed To Be University Assistant Professor	9413889171 yes practice	presentation no	by practice
2020/11/23 3:17:21 PM GMT+5:30	kasireddycharan1702 @gmail.com	Hari Charan Reddy. K	East West Institute Of Technology Student	6300113620 Yes Very well	Teaching Nothing	
2020/11/23 3:18:07 PM GMT+5:30	aartibsraji@gmail.com	Arati B. Sudhakar	Kls Gogte Institute Of Technology Others	9845828433 Yes Very useful	Clarity Nothing	In my research
2020/11/23 3:18:40 PM GMT+5:30	arun.g.h.7@gmail.com	Arun Kumar Hiremath	Biet Assistant Professor	19902257444 Yes, almost	Focused on ongoing thing Good	I am not sure I am disliked
2020/11/23 3:18:58 PM GMT+5:30	hiteshkumar46000@g mail.com	Hitesh Kumar.J	East West Institute Of Technology Student	7349430874 Yes	Still more class needed	Pcb circuit connection Nil
2020/11/23 3:19:05 PM GMT+5:30	bvmkumar1999@gmail. com	B V Manoj Kumar	East West Institute Of Technology Student	9182680431 Some what	Knowing new things	Just analyzing the circuit connection Nil
2020/11/23 3:19:16 PM GMT+5:30	m.yashoda@gmail.co m	Yashoda M B	Sai Vidya Institute Of Technology Others	9845689977 Yes	Good	Content Nothing
2020/11/23 3:19:30 PM GMT+5:30	deepika.ainapur@gmail. com	A Deepika	Kg Reddy College Of Engineering & Technology Assistant Professor	7032714884 Yes	Very useful	P-CAD EXPLANATI ON Nothing
2020/11/23 3:20:02 PM GMT+5:30	gauthamgaurav12@gmail. com	Gautham.M	East West Institute Of Technology Student	8748096225 Yes	Most of the things	Teaching style Nothing
2020/11/23 3:20:10 PM GMT+5:30	nithyashree.26@gmail. .com	Nithyashree S	Dr.Ait R.M.K Engineering College	8123963980 yes	yes	all yes
2020/11/23 3:20:10 PM GMT+5:30	shunmugam.meenaksh i@gmail.com	Meenakshi Shunmugam	Can help students	Basic concepts in pcb design	Should be interactive	Can develop my own pcb
2020/11/23 3:20:23 PM GMT+5:30	sowjanya.ramisetty@k gr.ac.in	Sowjanya Ramisetty	Kg Reddy College Of Engineering And Technology Associate Professor	9948942067 Yes	In Academics it will be helpful to students	Designing and updating components, multiple sheets NA

Day-2

Timestamp	Username	Name	College	Designation	Mobile Number	Did the program meet its objectives?	How useful were the inputs received from the program for your job?	What were the things you liked about this program?	What were the things you disliked about this program?	How can you implement what you have learnt in your work?
2020/11/24 3:10:11 PM GMT+5:30	sandhya.a.kulkarni@kssem.edu.in	Sandhya A Kulkarni	K S School Of Engineering And Management	Assistant Professor	9480703601	Yes	Yes	Hand On Session	Nothing	In lot
2020/11/24 3:10:44 PM GMT+5:30	revathiee@kamarajengg.edu.in	Revathi.L.V	Kamaraj College Of Engineering And Technology	Assistant Professor	9486117940	Yes	In Project	Related Applications	Nothing	In Paper Work
2020/11/24 3:10:50 PM GMT+5:30	shellysinha@kgr.ac.in	Shelly Sinhs	Kgrct	Assistant Professor	8919724645	Yes	Yes	Nice Seesion	No	In Research Are I Will
2020/11/24 3:11:06 PM GMT+5:30	sachin.pra09@gmail.com	Sachin B T	Industry	Others	9742050703	Not Completely But Yes	Very Much	Got To Know The Design Of Pcb's	Should Have Finished It On Time	Not Precisely But Yes
2020/11/24 3:11:09 PM GMT+5:30	insha.rasool.ir69@gmail.com	Insha Rasool	Islamic University Of Science And Technology	Student	6006559185	Yes	Very Useful	The Way Of Teaching	Nothing	By Working On It.
2020/11/24 3:12:29 PM GMT+5:30	leki4036@gmail.com	C.Lekha	Sri Sairam Institute Of Technology	Assistant Professor	8681855863	Yes	Very Informative	Way Of Presentation And Explanation	Nil	Project Related
2020/11/24 3:12:37 PM GMT+5:30	raghums1999@gmail.com	Raghu M S	East West Institute Of Technology	Student	9740902831	Yes	Yes	Pcb Making	Pcb	Nil
2020/11/24 3:12:49 PM GMT+5:30	muhai@mepcoeng.ac.in	Muhaidheen	Mepco Schlenk Engineering College	Assistant Professor	9597070914	Yes	Good	All	No	Will Have To Work Out
2020/11/24 3:12:51 PM GMT+5:30	bbhaskar@sjsbit.edu.in	Bhaskar Belavadi	Sjb Institute Of Technology	Associate Professor	9880228586	Yes	Good	Detailed Explanation	Nothing	I'll Be Able To Solve Challenging Things
2020/11/24 3:12:53 PM GMT+5:30	karthikeyanvp@ksrct.ac.in	Karthikeyan V	K S Rangasamy College Of Technology	Assistant Professor	7502667721	Yes	Good	Teaching And Topics	Nothing	I'll Help Me To Get More Knowledge
2020/11/24 3:12:58 PM GMT+5:30	shresthanagesh1234@gmail.com	Shrestha Nagesh	East West Institute Of Technology	Student	9739583741	Yes	It'll Help Me To Get More Knowledge	Teaching And Topics	Nothing	I'll Be Able To Solve Challenging Things

2020/11/24 3:13:25 PM GMT+5:30	gauthamgaurav12@gmail.com	Gautham M	East West Institute Of Technology	Student	8748096225	Yes	Much Useful In Design Pcb	Designing Of Pcb And Adding Component Into It	Nothing	We Can Implement While Designing Pcb Boards
2020/11/24 3:14:30 PM GMT+5:30	tamilarasi9710@gmail.com	Tamilarasi C	Paavai College Of Engineering	Student	9095342349	Yes	Very Useful	New Topics	Nothing	Implement The New Things Into The Project
2020/11/24 3:15:09 PM GMT+5:30	suprithan@ewitcse.edu.in	Supritha N	East West Institute Of Technology	Assistant Professor	9164629970	Yes	Very Useful	Very Good Explanation	Nothing	In Research
2020/11/24 3:15:21 PM GMT+5:30	dramagamani@bit-bangalore.edu.in	Nagamani D R	Bangalore Institute Of Technology	Assistant Professor	9448978149	Yes	Examples Discussed	In-Depth Explanation About Design	Offline	Try With Realtime
2020/11/24 3:15:34 PM GMT+5:30	gsyogesh@gmail.com	Dr Yogesh G S	Epcet	Professor	9972018777	Yes	Satisfactory	Case Studies Explanation	Na	Yes It Can Implemented By Teaching The Same To Our Students
2020/11/24 3:16:02 PM GMT+5:30	ybrwins@gmail.com	Bhargav Reddy	Ewit	Student	9440944578	Yes	Yes Helps A Lot For My Career	Explanation Of Every Single Point	Time Lag	I Can Try To Design Basic Circuits
2020/11/24 3:16:51 PM GMT+5:30	sudhansudwibedi@gmail.com	Sudhansu Ranjan Dwibedi	Kmbb College Of Engineering And Technology Bhubaneswar	Assistant Professor	9583628099	Yes	As A Subject As Well As Lab	Techniques Principles And Advantages	No	By Sharing The Knowledge
2020/11/24 3:17:30 PM GMT+5:30	megha.j@kssem.edu.in	Megha J	Kssem	Assistant Professor	8147788554	Yes	Most Useful	Hands On	Nothing	Research
2020/11/24 3:17:55 PM GMT+5:30	haribommala@gmail.com	Dr. Harikrishna Bommala	Kg Reddy College Of Engineering And Technology	Associate Professor	9014834561	Yes	Good	Good	No	Good
2020/11/24 3:18:24 PM GMT+5:30	prema@kletech.ac.in	Prema Malali	Kle Technological University ,Hubballi	Assistant Professor	8904851305	Yes	To Enhance My Knowledge	Topic Covered And Presentation	Nil	Implementing In Work
2020/11/24 3:18:29 PM GMT+5:30	krreddy204@gmail.com	Ramakrishna Reddy K	Kgreddy College Of Engineering And Technologies	Assistant Professor	8978500114	Yes	To Give More Examples	All Are Good	No	Academic Projects
2020/11/24 3:18:54 PM GMT+5:30	pareek271@gmail.com	Kailash Pareek	Faculty Of Education, Iase Deemed To Be University	Assistant Professor	9413889171	Y	Practice	Technical	No	By Training

Day 3

Timestamp	Username	Name	College	Designation	Mobile Number	Did the program meet its objectives?	How useful were the inputs received from the program for your job?	What were the things you liked about this program?	What were the things you disliked about this program?	How can you implement what you have learnt in your work?
2020/11/25 3:06:38 PM GMT+5:30	ashwinirathod79099@gmail.com	Ashwini S Rathod	East West Institute Of Technology	Student	8861338226	Yes	Useful	Time Management	Ntg	Yes
2020/11/25 3:06:40 PM GMT+5:30	senthilkumari@mepcoeng.ac.in	Dr.J.Senthil Kumar	Mepco Schlenk Engineering College, Sivakasi, Tamil Nadu, India	Associate Professor	9841780299	Yes	Ya Good	Nice Lectures	Nothing	Yes
2020/11/25 3:07:30 PM GMT+5:30	raguvaran@ksrct.ac.in	Raguvaran K	K.S.Rangasamy College Of Technology	Assistant Professor	9994666307	Yes	Very Useful	Mbed Compiler	Less Timing	By Course
2020/11/25 3:07:51 PM GMT+5:30	sayoojpooyil@gmail.com	SAYOOJ P	Lovely Professional University	Student	7510212990	Yes	Very Useful	Topic	App	Nothing
2020/11/25 3:07:55 PM GMT+5:30	muhai@mepcoeng.ac.in	MUHAIDHEEN	Mepco Schlenk Engineering College	Assistant Professor	9597070914	Yes	For Projects	Pcb Design	Nil	Project
2020/11/25 3:08:09 PM GMT+5:30	aartibsraji@gmail.com	ARATI B SUDHAKAR	Kls Gogte Institute Of Technology	Student	9845828433	Yes	For Research	Good Information	Nothing	Research
2020/11/25 3:08:18 PM GMT+5:30	shilpa.kc2@gmail.com	Dr Shilpa K C	Dr. Ambedkar Institute Of Technology	Assistant Professor	8951131739	Yes	Very Useful	Session	Nil	Yes
2020/11/25 3:09:14 PM GMT+5:30	risha5ram@gmail.com	Risha Ram	East West Institute Of Technology	Student	7676562909	Yes	All The Topics	Topic Was Conveyed Properly	No	When I Get Opportunity I Will
2020/11/25 3:09:36 PM GMT+5:30	poojakkrishnegowda@gmail.com	Pooja k	East West Institute Of Technology	Student	8073770163	Yes	It Was Very Useful As It Is Domain Specific	Teaching	Nothing	Pcb Design
2020/11/25 3:09:37 PM GMT+5:30	anugowda2706@gmail.com	Anusha N	East West Institute Of Technology	Student	9994886632	Yes	Learning New Things About Es	-	By Creating Project Related To Es And Pcb Design	Principal & Director
2020/11/25 3:09:59 PM GMT+5:30	Sivcse45@gmail.com	Dr.V.SIVAKUMA R	Dayananda Sagar Academy Of Technology And Management	Associate Professor	9994886632	Yes	Good	Good	Good	Good

Will Try	Nothing	Nice Organization	Technique Involved In Delivering The Contents	Can Use For Higher Studies
Assistant Professor	9663063865	Good	Very Useful. Can Implement In Future	Yes
Supriya H.S	Sir Mvit	Assistant Professor	9986204319	Yes
Shwetha C H	Vcet Puttur	Assistant Professor	9014834561	Yes
Dr. Bommaia Harikrishna	Kg Reddy College Of Engineering And Technology	Associate Professor	9.20E+11	Yes
Swetha K B	Rrit	Assistant Professor	6006559185	Very Useful
Insha Rasool	Islamic University Of Science And Technology	Student	9490244991	Yes
Raghu Kumar Lingamallu	Kg Reddy College Of Engineering And Technology	Assistant Professor	8978500114	Yes
RAMAKRISHNA REDDY K	Kgreddy College Of Engineering And Technology	Assistant Professor	9483290829	Yes
Shruthi K M	Nawakis College Of Engineering	Assistant Professor	8012849422	Yes
kavietha.cse@sairamit.edu.in	Kavietha	Assistant Professor	1990225744	Yes
arun.g.h.7@gmail.com	Arun Kumar Hiremath	Bapuji Institute Of Engineering And Technology, Davangere	Moderate	
kavitamalagatti@gmail.com	KA VITA AVINASH PATIL	East Point College Of Engineering And Technology Bangalore	Good	Good
bbhaskar@sjbit.edu.in	Bhaskar Belavadi	Sjb Institute Of Technology	All	Nothing

Day 4

Timestamp	Username	Name	College	Designation	Mobile Number	Did the program meet its objectives?	How useful were the inputs received from the program for your job?	What were the things you disliked about this program?	How can you implement what you have learnt in your work?
2020/11/26 3:10:47 PM GMT+5:30	insha.rasool.ir69@gmail.com	Insha Rasool	Islamic University of Science and Technology	STUDENT	6006559185	Yes	Very useful	Everything	By working on it.
2020/11/26 3:11:52 PM GMT+5:30	muhai@mepcoeng.ac.in	MUHAIDHEEN	MEPCO SCHLENK ENGINEERING COLLEGE	ASSISTANT PROFESSOR	9597070914	YES	TO MAKE IOT PROJECTS	PCB DESIGN & IOT	PROJECT DEVELOPMENT
2020/11/26 3:11:53 PM GMT+5:30	shilpa.kc2@gmail.com	Dr Shilpa K C	Dr. Ambedkar Institute of Technology	ASSISTANT PROFESSOR	9591915533	yes	informative	informative	nil syllabus
2020/11/26 3:12:37 PM GMT+5:30	gauthamgaurav12@gmail.com	Gautham.m	East West institute of technology	STUDENT	8748096225	Yes	Useful while designing	Programs and designing	Use component., Modules and boards in doing work
2020/11/26 3:12:39 PM GMT+5:30	ravi.kiran46316@gmail.com	Ravi Kiran KS	East West Institute of Technology	STUDENT	6362201164	Yes	Very useful	Information delivery	It was very fast
2020/11/26 3:13:47 PM GMT+5:30	harshithaumesh@gmail.com	Harshitha UL	East west institute of technology	STUDENT	8971024645	Yes	It's for further for job interviews	Every topic	By practicing
2020/11/26 3:14:00 PM GMT+5:30	arungh7@gmail.com	Arun kumar Hiremath	Bapuji Institute of Engineering and Technology, Dabangere	ASSISTANT PROFESSOR	9902257444	Yes	Good	Way of interpreting	Not Sure , disliked anything
2020/11/26 3:14:34 PM GMT+5:30	krkreddy204@gmail.com	RAMAKRISHNA REDDY K	KGREDDY COLLEGE OF ENGINEERING AND TECHNOLOGY	ASSISTANT PROFESSOR	8978500114	Yes	Projects	All are good	Projects
2020/11/26 3:14:52 PM GMT+5:30	raghums1999@gmail.com	Raghu M S	East West institute of technology	STUDENT	9740902831	Yes	Good	Everything	Positive

2020/11/26 3:15:10 PM GMT+5:30	kunalgaurav960@gmail.com	Kunal Gaurav	East west Institute of technology	STUDENT 9113561972	Very useful in iot program	Today is iot program topic which i like the most	Nothing,I ess time	By studying more about it
2020/11/26 3:15:22 PM GMT+5:30	megha.j@ksssem.edu.in	Megha J	Ksssem	ASSISTANT PROFESSOR 81618184547	Yes	Good	Nothing	Research
2020/11/26 3:15:29 PM GMT+5:30	sahanagowda755@gmail.com	Sahana B	East West institute of technology	STUDENT 9740631621	Yes	Was practical	It is practical	Implementing
2020/11/26 3:15:54 PM GMT+5:30	somuparande63@gmail.com	Somu Parande	Basavehwar Engineering College Bagalkot	ASSISTANT PROFESSOR 9.19987E+11	S	Fantastic	Everything	Nothing as of now
2020/11/26 3:17:25 PM GMT+5:30	prema@kletech.ac.in	Prema Malai	KLE Technological University Hubballi	ASSISTANT PROFESSOR 8904851305	Yes	Good inputs	Broad area covered	Project
2020/11/26 3:19:51 PM GMT+5:30	drnagamani@bit-bangalore.edu.in	Nagamani DR	Bangalore institute of technology	ASSISTANT PROFESSOR 9448978149	Yes	Very much	In-depth knowledge	Application
2020/11/26 3:20:55 PM GMT+5:30	roopa.rgm@gmail.com	Dr. ROOPA GM	Bapuji Institute of Engineering and Technology	ASSOCIATE PROFESSOR 8123888668	Yes	Satisfactory	Online	Implementation using the IOT kit
2020/11/26 3:21:54 PM GMT+5:30	leki4036@gmail.com	c.lekha	sri sairam institute of technology	ASSISTANT PROFESSOR 8681855863	yes	very informative	good explanation	Student assignments
2020/11/26 3:24:43 PM GMT+5:30	sahanasonu339@gmail.com	Sahana HV	East west institute of technology	STUDENT 7676233454	Yes	nothing	I came to know about net list, ERC, DRC, Mitering corners	PCB designs lift operations, Antenna designs etc
2020/11/26 3:28:07 PM GMT+5:30	rachanark98@gmail.com	RACHANA R	EWIT	STUDENT 9845104772	Yes	Gained knowledge	Practical session	By doing project on PCB design

Day 5

Timestamp	Username	COLLEGE	DESIGNATION	MOBILE NUMBER	How useful were the inputs received from the program for your job?	What were the things you liked about this program?	What were the things you disliked about this program?	How can you implement what you have learnt in your work?
2020/11/27 3:13:09 PM GMT+5:30	muhai@mepcoeng.ac.in	Muhaidheen M	Mepco Schlenk Engineering College	9597070914	Yes	lot	lot	Nil
2020/11/27 3:13:16 PM GMT+5:30	senthilkumarj@mepcoeng.ac.in	Dr.J.Senthil Kumar	Mepco Schlenk Engineering College, Sivakasi	9841780299	Yes	Yes	DI On lot	Nothing Through Projects
2020/11/27 3:16:59 PM GMT+5:30	nithyashree.26@gmail.com	Nithyashree S	Dr.Ait	8123963980	Yes	In Teaching	All	Nil
2020/11/27 3:17:09 PM GMT+5:30	shresthanagesh1234@gmail.com	Shrestha Nagesh	East West Institute Of Technology	9.20E+11	Yes	Very Useful	Programming	Nothing
2020/11/27 3:19:07 PM GMT+5:30	shunmugam.meenakshi@gmail.com	Meenakshi Shunmugam	R.M.K Engineering College	9444102530	Yes	Will Help For My Student Projects	Design Aspect	Nothing
2020/11/27 3:20:16 PM GMT+5:30	hiteshkumar46000@gmail.com	Hitesh Kumar.J	East West Institute Of Technology	7349430874	Still Needed	Good	Circuits Explanation	Nil
2020/11/27 3:20:23 PM GMT+5:30	punithavathi.cse@sairamitedu.in	Punithavathi P	Sri Sairam Institute Of Technology	9884259395	Yes	Very Effective	Nil	Career Advancement
2020/11/27 3:20:24 PM GMT+5:30	poojakrishnegowda@gmail.com	Pooja K	East West Institute Of Technology	7676562909	Yes	Good Skill Based Teaching	Nothing Else	Everything

2020/11/27 3:22:25 PM GMT+5:30	sahanasonu339@gmail.com	Sahana H V	East West Institute Of Technology	Student	7676233454	Yes, It Was Very Valuable Session	About Sensors, Ultrasound Working, Working Of Flash Magic Etc..	Nothing	Implement On IoT Application On Vehicle Using Ultrasound Technique
2020/11/27 3:22:45 PM GMT+5:30	roopa.rgm@gmail.com	Dr. Roopa G M	Bapuji Institute Of Engineering And Technology	Associate Professor	8123888668	Yes	Satisfactory	Applications	No Comments
2020/11/27 3:22:55 PM GMT+5:30	ravi.Kiran46316@gmail.com	Ravi Kiran K S	East West Institute Of Technology	Student	6362201164	Yes	Very Useful	Presentation	Nothing
2020/11/27 3:23:11 PM GMT+5:30	chetana.p.m@ksssem.edu.in	Dr. Chetana Prakash	Bapuji Institute Of Engineering And Technology	Professor	9620527561	Yes	Sufficient	Almost All	Nil
2020/11/27 3:23:22 PM GMT+5:30	megha.j@ksssem.edu.in	Megha J	Kssem	Assistant Professor	81618184547	Yes	Good	Good	Nothing
2020/11/27 3:23:58 PM GMT+5:30	arun.g.h.7@gmail.com	Arun Kumar Hiremath	Bapuji Institute Of Engineering And Technology,	Assistant Professor	19902257444	Yes	Moderate	Implementation Strategies	Nothing
2020/11/27 3:25:01 PM GMT+5:30	sumithranmurali@gmail.com	Sumithra Cv	Government Engineering College, Ramanagara	Assistant Professor	94482558486	Yes	For Teaching	Embedded Programming And Development	No
2020/11/27 3:25:29 PM GMT+5:30	karthikeyanvp@ksrct.ac.in	Karthikeyan V	K S Rangasamy College Of Technology	Assistant Professor	7502667721	S	Very Useful	All	Nothing
2020/11/27 3:25:44 PM GMT+5:30	shilpa.kc2@gmail.com	Dr. Shilpa Kc	Dr. Ambedkar Institute Of Technology	Assistant Professor	9.20E+11	Informative	Yes	No	Syllabus
2020/11/27 3:25:49 PM GMT+5:30	shellysinha@kgr.ac.in	Shelly Sinha	Kgrct	Assistant Professor	8919724645	Yes	Yes	Yes	No

Day 6

Timestamp	Username	Name	College	Designation	Mobile Number	Did the program meet its objectives?	How useful were the inputs received from the program for your job?	What were the things you disliked about this program?	What were the things you liked about this program?	How can you implement what you have learnt in your work?
2020/11/27 4:11:57 PM GMT+5:30	arpithabv95@gmail.com	Arpitha Bv	Evit	Assistant Professor	8746094304	Yes	Yes	Yes	Yes	Yes
2020/11/27 4:12:13 PM GMT+5:30	divyasridhar705@gmail.com	Divya Bn	East West Institute of Technology	Assistant Professor	9945522770	Ya	Ok	Ok	Ok	Done
2020/11/28 12:27:34 PM GMT+5:30	namri4u@gmail.com	Namratha Naikar	East West Institute of Technology	Assistant Professor	7795190092	Yes	Very Useful	Every	Nothing	Research
2020/11/28 12:27:34 PM GMT+5:30	leki4036@gmail.com	C.Lekha	East West Institute of Technology	Assistant Professor	8681855863	Yes	Very Informative	Good Explanation	Nik	Project Related
2020/11/28 12:27:48 PM GMT+5:30	bbhaskar@sjbit.edu.in	Bhaskar Belavadi	Sjb Institute Of Technology	Associate Professor	9880228586	Yes	Good	All	Nothing	Will Have To Work On
2020/11/28 12:28:11 PM GMT+5:30	bavanakambali99@gmail.com	Bavana P K	East West Institute of Technology	Student	9686772709	Yes	It Was Very Useful.. We Have Learnt A Lot	Everything & The Way Sir Has Explained Us	Nothing I Liked Everything	For My Career
2020/11/28 12:28:34 PM GMT+5:30	bharathigururaj@gmail.com	Bharathi Gururaj	Acs College Of Engineering	Assistant Professor	9980095899	Yes	It Was Very Useful Sessionon lot	Sessions Were Good	No	It Will Be Implemented For Students To Carry Out Their Projects
2020/11/28 12:29:55 PM GMT+5:30	senthilkumarji@mepcoeng.ac.in	J.Senthil Kumar	Mepco Schlenk Engineering College, Sivakasi, Tamil Nadu, India	Associate Professor	9841780299	Yes	Good	All Are Good	Nothing	Yes
2020/11/28 12:30:19 PM GMT+5:30	pareek271@gmail.com	Dr. Kailash Pareek	Faculty Of Education, lase	Assistant Professor	9413889171	Yes	Knowledge	Good	No	By

Practicing	None	By Practicing
9845104772	Yes	Pcb Design
Kg Reddy College Of Engineering And Technology	Associate Professor	9014834561
Dr. Harikrishna Bommaia	Student	9740902831
Raghav M S	Good	Everything
Yashoda M B	-	-
East West Institute Of Technology	Others	9845689977
Sai Vidya Institute Of Technology	Student	9986594558
East West Institute Of Technology	Student	8861102625
Bgnit Mudhol
Akshata S Kumbar	Student	9880127272
Gopal Krishna Murthy C R	Assistant Professor	9886515866
K S School Of Engineering And Management	Assistant Professor	1990225744
Anand Lakkundi	Assistant Professor	4
Arun Kumar Hiremath	East West Institute Of Technology, Davangere	Upcoming Interviews, Job
Harshitha U L	Student	8971024645
Ramakrishna Reddy K	Kgreddy College Of Engineering And Technology	Yes
All Are Good	In Projects	No
East West Institute Of Technology	Assistant Professor	8978500114

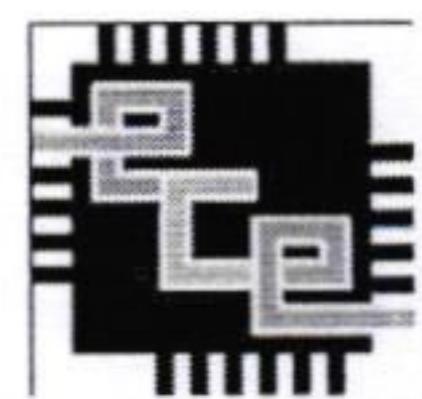


EAST WEST INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka,

Accredited by NAAC & Recognized U/S 2 (f) of the UGC Act 1956)



Date: 27-11-2020

BRIEF REPORT ON

AICTE Sponsored 6 Days Online Short Term Training Programme on APPLICATIONS (PYTHON, PROCESSOR, IOT, ML)" End to End System Solutions for Embedded Systems and IOT designs -Phase-1

The workshop has been inaugurated by the Principal **Dr. K. Channakeshavalu, HOD of ECE, Dr. S G Hiremath**, Resource person **Mr. S M Narasimhan**, and HOD of other departments along with the faculties 10.30 am on 9.15am on 23/11/2020. 81 Faculties were participated in the STTP.

Mr. S M Narasimhan sir had given brief introduction about the **Embedded system Board Design**. He gave vital information about the software that is used to build PCB using PCAD2002 trial version through which Faculty were able to create library, add library, schematic building and PCB creation. Symbol generation, Part Library, Path Generation, Netlist generation, Schematic representation, and upload the PCB to get it in Gerber format. To create Schematic existing library was used. Faculties could use different sheets and created a circuit in general for further implementations. Netlist is generated and checked for the errors. All the components were loaded in PCB using netlist.. Then exported the PCB to Gerber, where circuit could be viewed in Gerber format. Later using online Gerber view Faculty exported the layers file and viewed the output.

Next Introduced with ES and IOT SENSORS applications. ARM Architecture was discussed to Understand the eval kit, both hardware and software platforms (NXP, SiLabs, ST Micro etc). Some experiments were executed in lab with software. Software testing and verification was carried out. Advanced Experiments were performed by faculty.

This method was used by Faculties to create a sample PCB design and ES and IOT SENSORS applications with some experiments in 6 days STTP on End to End System Solutions for Embedded Systems and IOT designs.

Mr. S M Narasimhan sir is an excellent resource person with lot of patience and he sorted out all the problems faced by the Faculty while experimenting.

This workshop motivated Faculty to take up this as a base for their research work. At the end of the workshop **Principal and HOD of ECE Department** addressed faculty with their valuable words and also handed over certificates to the students.

A handwritten signature of the Principal & Director.
Principal & Director
East West Institute of Technology
Bangalore - 560 091

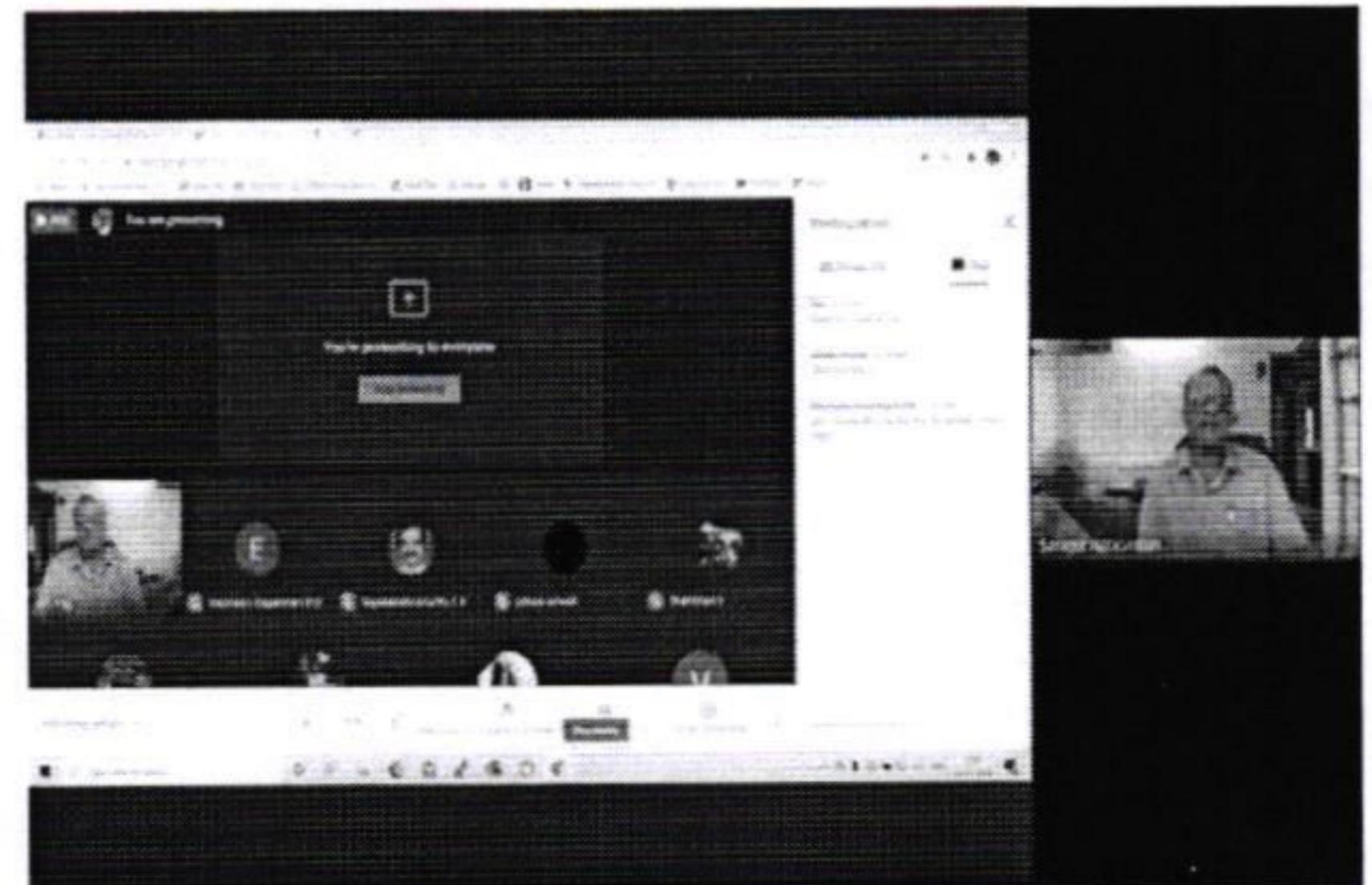
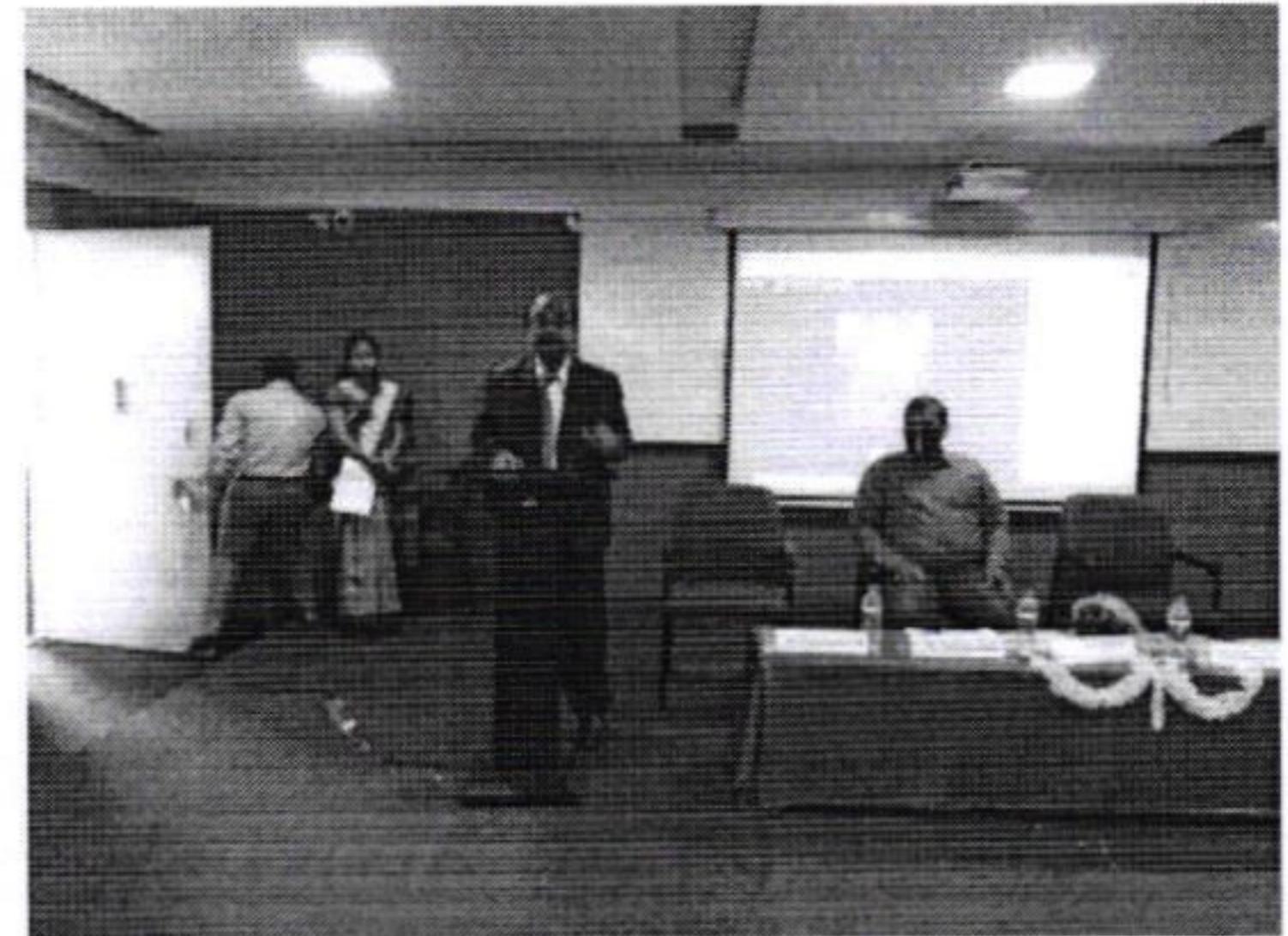
A handwritten signature of Dr. S G Hiremath.

A handwritten signature of Dr. S G Hiremath.

HOD, ECE
Dr. S G Hiremath

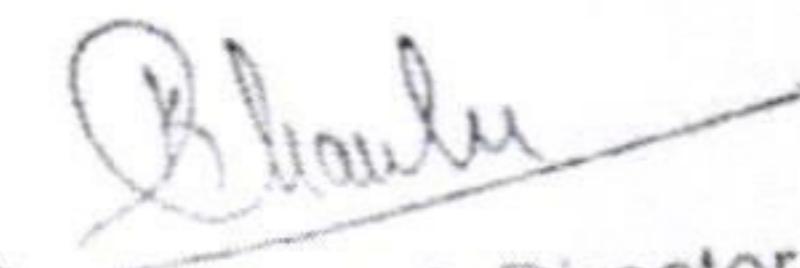
Website: <http://www.allimagetool.com>

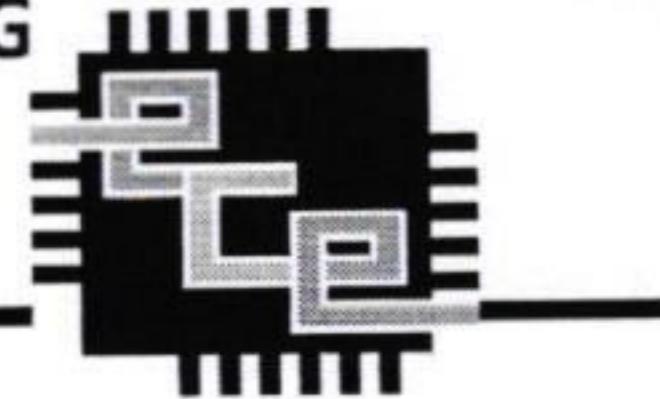
Webinar on **Design and Development of IoT Applications (PHYTHON, PROCESSOR, IOT, ML) Phase-1 End to End System Solutions for Embedded Systems and IOT designs**, Conducted by Mr. Narasimhan, CEO, Saroja Enterprises, Mysore On 23/09/2020 to 25/09/2020



ECE HOD
EWIT, B-91.




Principal & Director
East West Institute of Technology
Bengaluru - 560 091



Timetable for Workshop/Seminar

Title: Online STTP on Phase-1 Design and development of IoT applications

Date	Morning Session	LUNCH BREAK	After Session
	10:30 am to 1:00 pm		1:45 pm to 4:00 pm
23-11-20	Schematics, work space		Component library editing
24-11-20	PCB design routing		Verification
25-11-20	Final PCB design		PCB verification
26-11-20	ES sensor application		IOT sensor applications
27-11-20	Software testing on board		Verification on board
28-11-20	Advanced experiments		valedictory


Principal & Director
East West Institute of Technology
Bengaluru - 560 091


S. S. -
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