Website: http://www.allimagetool.com

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 moto 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 congeal and pleasant learning atmosphere.

ABOUT THE BITES:

BITES is an autonomous body promoted by Government in association with Institutions and industries in Karnataka in the year 2000. GoK has setup BITES with the intent of maintaining high standards and quality in IT education. The main objectives of BITES are to enhance the quality of IT Education and improve the employability of Engineering Graduates. The Vision of BITES is "To establish Karnataka as the acknowledged leader in Information Technology by fostering high quality industry- relevant IT education". The key activity areas of BITES are: Advice on Policy, Challenge/ Competitions and Awards, Curriculum Development, Databases, Industry–Institute Interaction, Institutional Development, IT Education Standards and Leadership Development. BITES promotes, encourages, and deep dives into industry-academia equations on a number of platforms. It is this equation which will differentiate Winners from Losers. BITES is the way forward and partnering with it is imperative for every teaching institute, benefiting both the faculty and the student community.

ABOUT THE DEPARTMENT:

Electronics and Communication Engineering provides the perfect middle ground to equip with all the necessary skills to attain wide variety of carrier options. Electronics and communication has a foot in every door which gives broad domain knowledge of electronics, functional understanding of coding and how to [illegible] in tandem with electronics. [illegible] in the field of electronics and [illegible] of the students are contributing throughout the world and their contribution can be seen at national level in many public sectors, research organization and defense sectors like DRDO, ISRO etc & most of the fortune 500 companies. The college has equally supported by providing state of the art laboratories were designed and applied for the student community, the hands on experience in VLSI, SOC, IMAGE PROCESSING, EMBEDDED SYSTEM and allied areas of signal processing. Students are enriched with this technological knowledge and expertise in identified domains. For the last five decades this branch has occupied and contributed remarkably and this department equally to be a part of nation building and creating ambiance to the new horizon.

OBJECTIVES OF FDP:

To enable faculties to upgrade to the changing curriculum and to increase employability opportunity for students. Skill enrichment in emerging domains which includes Embedded system and IOT Sensor applications, TI Analog design tools, Analog multiplication, Many filters to cater the industry needs is the main theme to be addressed in organizing this five days workshop

RESOURCE PERSON

Sri. S M Narasimhan CEO,
Saroja Enterprises, Mysuru

The Resource Person Prof. S M Narasimhan has 30+ years of experience in Industry, Research, teaching, enterprising activities and project management. He completed B.E Electrical from National Institute of Engineering in 1984 and M.Tech in Electrical Engineering IIT, Mumbai in 1986. His experience includes research in commercial, industrial as well as military projects, design, development, manufacturing, testing conformal verification and field support. Some of the industries he has worked with are ITI, Dooravani Nagar Bangalore, ST Electronics Singapore, Saragur systems Singapore, Orthodyne Electronics, USA. His research interests are in the areas of embedded systems, IOT and motivation young minds with enterprising activities.

VENUE

DSP LAB, Ist Floor
Electronics & Communication Engineering
Date:16th to 18th December 2021
Time: 9.00 am to 4.30 pm

INSTITUTE OF TECHNOLOGY

EAST WEST

BITES

A Three Days Hands - On Workshop

EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS

16th to 18th December 2021

Organised by

BOARD FOR IT EDUCATION STANDARDS

BITES

IN COLLABORATION WITH THE

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

Chief Patrons

Smt. Rashmi Ravi Kiran
Chairperson, East West Group of Institutions

Mr. Tejas Kiran
Secretary, East West Group of Institutions

Dr. K N Balasubramanya Murthy
Vice-Chancellor, Dayananda Sagar University & Chairman, BITES

Patrons

Dr. K Channakeshavalu
Principal, East West Group of Institutions

Dr. B Purushotham
Director, East West Group of Institutions

Chief Coordinator & Convener

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

Faculty Co-coordinators

Prof.Manjula B B
Assoc. Professor

Prof. Kotresh H M
Assoc. Professor

Prof. Anil N S
Assoc. Professor

Prof. Divya B N
Asst. Professor

Contact :

Prof.Manjula B B
Assoc. Professor
Mobile :9986680002

Prof. Kotresh H M
Assoc. Professor
Mobile: 8431512123

Prof. Anil N S
Assoc. Professor
Mobile: 9620743377

Prof. Divya B N
Asst. Professor
Mobile: 9945522770

Participants :

Faculty, UG/ PG Students, Research Scholars.

Day 1 & 2:

Introduction to ARM University program and registration.
Introduction to Open source Embedded Systems.
Introduction to the ARM Architecture, KEIL debug tools.
Understanding the evaluation kit, both hardware and software.
Introduction to few multiple vendor platforms (NXP, SiLabs, ST Micro etc).
Blink LED to start with, PWM output on led ports, Segment LED interface, LCD interface, RTC Interface Key buttons interface, Timers and interrupts handling Relay interfaces,Mosfets/Interface, motor interface, 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, UltraSound, buzzer and many more)

Days 3:

DAC Interface :All kinds of drives, governers/controllers interfaces, waveform
generations for specific drives (Sine, Saw,Ramp, trapezoidal etc)
USB Interface, Serial port interface, understanding the communication protocols, Through put RS232 Board to Board communication, Board to PC communications, I2C Board to Board Communications, SPI Board to Board Communications. Details of Module interfaces like Xbee, Blue tooth, Wifi, GSM, GPS etc.
DYNAMIC Upload of all kinds of IOT Sensor DATA to EXCEL spread sheets to support any kind of Medical, Industrial, agricultural etc applications.
Followed by Closing /Valedictory function.

No Registation Fee

INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ECE

A Three Days Hands - On Workshop

EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS

16th to 18th December 2021

Registration Form

Name:.....

Department: .....

Organization:.....

Address:.....

.....

.....

.....

Mobile No :
E-mail :
Number of participants are limited to 40 and based on first come first serve.

Website: http://www.allimagetool.com

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 moto 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 congeal and pleasant learning atmosphere.

ABOUT THE BITES:

BITES is an autonomous body promoted by Government in association with Institutions and industries in Karnataka in the year 2000. GoK has setup BITES with the intent of maintaining high standards and quality in IT education. The main objectives of BITES are to enhance the quality of IT Education and improve the employability of Engineering Graduates. The Vision of BITES is "To establish Karnataka as the acknowledged leader in Information Technology by fostering high quality industry- relevant IT education". The key activity areas of BITES are: Advice on Policy, Challenge/ Competitions and Awards, Curriculum Development, Databases, Industry–Institute Interaction, Institutional Development, IT Education Standards and Leadership Development. BITES promotes, encourages, and deep dives into industry-academia equations on a number of platforms. It is this equation which will differentiate Winners from Losers. BITES is the way forward and partnering with it is imperative for every teaching institute, benefiting both the faculty and the student community.

ABOUT THE DEPARTMENT:

Electronics and Communication Engineering provides the perfect middle ground to equip with all the necessary skills to attain wide variety of carrier options. Electronics and communication has a foot in every door which gives broad domain knowledge of electronics, functional understanding of coding and how to utilize it in tandem with electronics. The department established training the students in the field of electronics since 2001. Most of the students are contributing throughout the world and their contribution can be seen at national level in many public sectors, research organization and defense sectors like DRDO, ISRO etc & most of the fortune 500 companies. The college has equally supported by providing state of the art laboratories were designed and applied for the student community. the hands on experience in VLSI, SOC, IMAGE PROCESSING, EMBEDDED SYSTEM and allied areas of signal processing. Students are enriched with this technological knowledge and expertise in identified domains. For the last five decades this branch has occupied and contributed remarkably and this department equally to be a part of nation building and creating ambiance to the new horizon.

OBJECTIVES OF FDP:

To enable faculties to upgrade to the changing curriculum and to increase employability opportunity for students. Skill enrichment in emerging domains which includes Embedded system and IOT Sensor applications, TI Analog design tools, Analog multiplication. Many filters to cater the industry needs is the main thense to be addressed in organizing this five days workshop

RESOURCE PERSON

Sri. S M Narasimhan CEO,
Saroja Enterprises, Mysuru

The Resource Person Prof. S M Narasimhan has 30+ years of experience in Industry, Research, teaching, enterprising activities and project management. He completed B.E Electrical from National Institute of Engineering in 1984 and M.Tech in Electrical Engineering IIT, Mumbai in 1986. His experience includes research in commercial, industrial as well as military projects, design, development, manufacturing, testing conformal verification and field support. Some of the industries he has worked with are ITI, Dooravani Nagar Bangalore, ST Electronics Singapore, Saragur systems Singapore, Orthodyne Electronics, USA. His research interests are in the areas of embedded systems, IOT and motivation young minds with enterprising activities.

VENUE

DSP LAB, Ist Floor
Electronics & Communication Engineering
Date:16th to 18th December 2021
Time: 9.00 am to 4.30 pm

INSTITUTE OF TECHNOLOGY
EAST WEST

BITES

A Three Days Hands - On Workshop

EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS

16th to 18th December 2021

Organized by

BOARD FOR IT EDUCATION STANDARDS

BITES

IN COLLABORATION WITH THE

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

Chief Patrons

Smt. Rashmi Ravi Kiran
Chairperson, East West Group of Institutions

Mr. Tejas Kiran
Secretary, East West Group of Institutions

Dr. K N Balasubramanya Murthy
Vice-Chancellor, Dayananda Sagar University & Chairman, BITES

Patrons

Dr. K Channakeshavalu
Principal, East West Group of Institutions

Dr. B Purushotham
Director, East West Group of Institutions

Chief Coordinator & Convener

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

Faculty Co-coordinators

Prof.Manjula B B
Assoc. Professor

Prof. Kotresh H M
Assoc. Professor

Prof. Anil N S
Assoc. Professor

Prof. Divya B N
Asst. Professor

Contact :

Prof.Manjula B B
Assoc. Professor
Mobile :9986680002

Prof. Kotresh H M
Assoc. Professor
Mobile: 8431512123

Prof. Anil N S
Assoc. Professor
Mobile: 9620743377

Prof. Divya B N
Asst. Professor
Mobile: 9945522770

Participants :

Faculty, UG/ PG Students, Research Scholars.

Day 1 & 2:

Introduction to ARM University program and registration.
Introduction to Open source Embedded Systems.
Introduction to the ARM Architecture, KEIL debug tools.
Understanding the evaluation kit, both hardware and software.
Introduction to few multiple vendor platforms (NXP, Silabs, ST Micro etc).
Blink LED to start with, PWM output on led ports, Segment LED interface, LCD interface, RTC Interface Key buttons interface, Timers and interrupts handling Relay interfaces,Mosfets/Interface, motor interface. 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, UltraSound, buzzer and many more)

Days 3:

DAC Interface :All kinds of drives, governers/controllers interfaces, waveform
generations for specific drives (Sine, Saw,Ramp, trapezoidal etc)
USB Interface, Serial port interface, understanding the communication protocols, Through put RS232 Board to Board communication, Board to PC communications, I2C Board to Board Communications, SPI Board to Board Communications. Details of Module interfaces like Xbee, Blue tooth, Wifi, GSM, GPS etc.
DYNAMIC Upload of all kinds of IOT Sensor DATA to EXCEL spread sheets to support any kind of Medical, Industrial, agricultural etc applications.
Followed by Closing /Valedictory function.

No Registation Fee

INSTITUTE OF TECHNOLOGY
EAST WEST

DEPARTMENT OF ECE

A Three Days Hands - On Workshop

EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS

16th to 18th December 2021

Registration Form

Name:.....

Department: .....

Organization:.....

Address:.....

.....

.....

.....

Mobile No :
E-mail :
Number of participants are limited to 40 and based on first come first serve.

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

Website: http://www.allimagetool.com

EAST WEST INSTITUTE OF TECHNOLOGY
DEPARTMENT O 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)

Timetable for Workshop/Seminar

Tittle: A Three Days Hands - On Workshop

EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS

Date	Morning Session 10:30 am to 1:00 pm		After Session 2:00 pm to 4:00 pm
16-12-2021	Introduction to ARM University program and registration, Introduction to Open source Embedded Systems, Introduction to the ARM Architecture, KEIL debug tools.		Understanding the evaluation kit, both hardware and software., ntroduction to few multiple vendor platforms (NXP, SiLabs, ST Micro etc).
17-12-2021	Blink LED to start with, PWM output on led ports, Segment LED interface, LCD interface, RTC Interface Key buttons interface, Timers and interrupts handling Relay interfaces, Mosfets/Interface, motor interface, Understanding the importance of ANALOG to digital conversion, technique, its importance, real world problems.	LUNCH BREAK	All kinds of sensors Interface with application examples (Temp, Sound, Light, Ultra Sound, buzzer and many more).
18-12-2021	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, Through put RS232 Board to Board communication, Board to PC communications, I2C Board to Board Communications, SPI Board to Board Communications. Details of Module interfaces like Xbee, Blue tooth, Wifi, GSM, GPS etc.		DYNAMIC Upload of all kinds of IOT Sensor DATA to EXCEL spread sheets to support any kind of Medical, Industrial, agricultural etc applications.

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

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

Website: http://www.allimagetool.com

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: 16/12/21

Registration Form

Name: Mahalakshmi

Department: ECE

Organization: East-west Institute of Technology

Address: Anjanapura, Magadi Road.

Mobile No : 7899093659

E-mail : mahalakshmishivanna99@gmail.com

Participant Signature

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

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

Website: http://www.allimagetool.com

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: 16/12/2021

Registration Form

Name: Likhith B.K

Department: Electronics and Communication

Organization: EWIT

Address: #4 pipline Road Vidhyashree back side, Anjanagara, Banglore

Mobile No : 9535425199

E-mail : likhithlikhithb.k221@gmail.com,

Participant Signature: Likhith B.K

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

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

Website: http://www.allimagetool.com

EAST WEST INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka,
Accredited by NAAC & Recognized U/S 2 (f) of the UGC Act 1956)

Date: 16/12/21

Registration Form

Name: Yogitha K

USN: 1EW19EC126

Organization: East west institute of technology

Address: #256, Jamatha Colony, near A.I.I. College Mallathahalli Bangalore-56

Mobile No : 8553HHH555

E-mail : Yogithagowda6009@gmail.com

Participant Signature:

Yogitha K

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

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

Subramanya Education Society ®

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

BITES
BOARD FOR IT EDUCATION STANDARDS

EAST WEST

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SL NO	Students Name	USN	Contact No.	Day-1 16-12-2021		Day-2 17-12-2021		Day-3 18-12-2021					
				Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session
1	Kavyashree M.G	1EW20EC403	9380156520										
2	Arpitha.R	1EW20EC401	6360333312										
3	Prekstha.S	1EW19EC075	7337765296										
4	Purna	1EW19EC076	8696956486										
5	Ruchitha.M	1EW19EC090	9663534923										
6	Yashaswini.R	1EW19EC125	9380482335										
7	Nisarga.J.P	1EW19EC069.	9483569073.										
8	Suraj S Mandlue	1EW19EC113	8971949616										
9	Sudeep k.	1EW19EC108	9353253646										

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

Website: http://www.allimagetool.com

SL NO	Students Name	USN	Contact No.	Day-1 16-12-2021		Day-2 17-12-2021		Day-3 18-12-2021			
				Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session
10	Sevanth.G.S	1EW19EC098	6364784754								
11	Nagendra Prasad. P.N	1EW19EC066	8762229300								
12	SHARATH · K	1EW19EC100	9972702540								
13	Veena·H·P	1EW19EC120	9019847332								
14	Rakshitha·G	1EW19EC084	9482071949								
15	N. Mandhara Kote Gowda	1EW19EC063	7022430299								
16	Nandini·KP	1EW19EC067	8050054407								
17	Ramyasri S	1EW19EC087	7760188533								
18	Manasa.R	1EW20EC405	9611081021								
19	Kavya.S	1EW20EC402	8105408727								
20	Ranjitha G.S	1EI9EC088	8088275658								

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

Website: http://www.allimagetool.com

Sl. NO	Students Name	USN	Contact No.	Day-1 16-12-2021 Morning Session	Day-1 16-12-2021 Aternoon Session	Day-2 17-12-2021 Morning Session	Day-2 17-12-2021 Aternoon Session	Day-3 18-12-2021 Morning Session	Day-3 18-12-2021 Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session
31	Sudeep M-P	1EW19EC109	9148068031	Sudeep M-P	Sudeep M-P	Sudeep M-P	Sudeep M-P	Sudeep M-P	Sudeep M-P				
32	Nagendra-K	1EW19EC065	6362428604										
33	Ramesh H-G	1EW19EC086	9380462092										
34	Vinod B.K	1EW19EC124	8310511142										
35	Preetham J	1EW19EC074	6361881621	Prey	Prey	Prey	Prey	Prey	Prey				
36	P.Siva Phaneendra	1EW19EC072	9346572996	P.SP	P.SP	P.SP	P.SP	P.SP	P.SP				
37	Likhith B.K	1EW19EC054	9535425199	Likhith B.K	Likhith B.K	Likhith B.K	Likhith B.K	Likhith B.K	Likhith B.K				
38	Anay R Mantri	1EW19EC007	7019637177										
39	DARSHAN . S. HATTALLI	1EW19EC026	8073002847										
40	Devika YS	1EW19EC030	9741348536										
41	Bhavana CP	1EW19EC013	8431760394										

Principal & Director
East West Institute of Technology

Website: http://www.allimagetool.com

Sl. NO	Students Name	USN	Contact No.	16-12-2021		17-12-2021		18-12-2021			
				Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Ate Se
42	AmrutheCR	1EW19EC006	9844905989								
43	DEEKSHA-J	1EW19EC027	6361707669								
44	BINDUSHREE. H.V	1EW19EC017	9740567554								
45	BHAVYASHREE. A	1EW19EC014	8088023190								
46	DYUTHI.P	1EW19EC033	9980278866								
47	Tulasi.V	1EW19EC118	9019995698								
48	Vidyashree.H	1EW19EC122	7899152259								
49	Mahalakshmi	1EW19EC057	7899093659								
50	Kavya MA	1EW19EC050	9113918726								
51	Chitrashree	1EW19EC034	7349116587								
52	ANU. R	1EW19EC008	8722005677								

Principal & Director
East West Institute of Technology

Website: http://www.allimagetool.com

Sl. NO	Students Name	USN	Contact No.	Day-1 16-12-2021		Day-2 17-12-2021		Day-3 18-12-2021			
				Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	Aternoon Session	Morning Session	At S
53	Gautha.A.K.	1EW19EC035	7204902726								
54	Lochana.C	1EW19EC055	9632056082								
55	Kavya.K.	1EW19EC049	9110879428								
56	Impana.AN	1EW19EC043	9353274964								
57	Apoorva.H	1EW19EC010	9740921275								
58	Swathi.S	1EW19EC114	8317389003								
59	Veenavinodini	1EW19EC121	9611263484								
60	Sahana MS	1EW19EC095	6360269540								
61	Geetha.A.K.	1EW19EC035	7204902726								

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

Website: http://www.allimagetool.com

Website: http://www.allimagetool.com

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka, Accredited by NAAC & Recognised U/S 2 (f) of the UGC Act 1956)

FEEDBACK FORM

Program Title: A Three Days Hands-On Workshop **"EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS"**

Date: 16-12-2021 to 18-12-2021

Duration: 3 Days (9.00 AM – 4.30 PM)

Name of the Resource: Mr. S M Narasimhan CEO, Saroja Enterprises, Mysuru

1) Did the program meet its objectives?

yes

2) How useful were the inputs received from the program for your job?

Good

3) What were the things you liked about this program?

7 segment Display program

4) What were the things you disliked about this program?

we didn't get the kit

5) How can you implement what you have learnt in your work?

Mini - project

RATING:

Please rate the following parameters on a scale of 1-10, 1 being least and 10 the highest

Sl No	Parameter	Rating	Remarks (if any)
1	Knowledge of the Presenter	9	
2	Presentation	10	
3	Program content	8	
4	Time management	9	
5	Overall usefulness	8	
6	Facilities	9	

Any other comments/ remarks about the program

Participant's Details

Name: Kavya.S

Designation: ECE

Dates: 18/12/2021

College: EWIT

Signature: Kavya.S

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

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

Website: http://www.allimagetool.com

LAST WEST

DEPARTMENT OF COMPUTER SCIENCE AND 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)

BITES

FEEDBACK FORM

Program Title: A Three Days Hands-On Workshop **"EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS"**

Date: 16-12-2021 to 18-12-2021

Duration: 3 Days (9.00 AM – 4.30 PM)

Name of the Resource: Mr. S M Narasimhan CEO, Saroja Enterprises, Mysuru

1) Did the program meet its objectives?

Yes.

2) How useful were the inputs received from the program for your job?

Very useful

3) What were the things you liked about this program?

→ He was very knowledgeable person

4) What were the things you disliked about this program?

→ We wanted more time

5) How can you implement what you have learnt in your work?

→ In mini towmen send about subjects

RATING:

Please rate the following parameters on a scale of 1-10, 1 being least and 10 the highest

Sl No	Parameter	Rating	Remarks (if any)
1	Knowledge of the Presenter	10	
2	Presentation	9	
3	Program content	8	
4	Time management	9	
5	Overall usefulness	9	
6	Facilities	9	

Any other comments/ remarks about the program

Participant's Details

Name: VEENA.

Designation: STUDENT

Dates: 18/12/21

College: EWIT

Signature:

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

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

Website: http://www.allimagetool.com

DEPARTMENT OF COMPUTER SCIENCE AND 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)

FEEDBACK FORM

Program Title: A Three Days Hands-On Workshop **"EMBEDDED SYSTEM AND IOT SENSOR APPLICATIONS"**

Date: 16-12-2021 to 18-12-2021

Duration: 3 Days (9.00 AM – 4.30 PM)

Name of the Resource: Mr. S M Narasimhan CEO, Saroja Enterprises, Mysuru

1) Did the program meet its objectives?

yes.

2) How useful were the inputs received from the program for your job?

we got the basic ideas.

3) What were the things you liked about this program?

It was a wide verity of exposure.

4) What were the things you disliked about this program?

→ less time

5) How can you implement what you have learnt in your work?

→ In our mini projects

RATING:

Please rate the following parameters on a scale of 1-10, 1 being least and 10 the highest

Sl No	Parameter	Rating	Remarks (if any)
1	Knowledge of the Presenter	10	—
2	Presentation	8	—
3	Program content	9	—
4	Time management	8	—
5	Overall usefulness	9	—
6	Facilities	8	—

Any other comments/ remarks about the program

Participant's Details

Name: Preksha. S

Designation: Student

Dates: 18/12/2021

College: EWIT

Signature: Preksha

63, Off Magadi Main Road, [illegible] Post, Near Anjana Nagar, Bangalore - 560091
Ph: 080-23286132, Fax: 080-[illegible] principal@ewit.edu.in; Website: www.ewit.edu.in

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

Website: http://www.allimagetool.com

EAST WEST INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND 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)

BRIEF REPORT ON

A Three Days Hands - On Workshop **"Embedded System And Iot Sensor Applications"** in collaboration with the BITES

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 and students at 9.30 am on 16/12/2021.61 Students were participated in the workshop.

Mr. S M Narasimhan sir had given brief introduction about the Embedded system and what are the prerequisites. He gave vital information about the software using **os.mbed.com** and demonstrated two boards **mbed LPC11U24** and **mbed LPC1768** with programs. Sir focused on how to write programs and run it without any errors. How to dump the program on to the hardware board using a software to achieve a expected result and then it is compared with expected outputs.

Some of the programs were compiled and simulated **for LCD test, LED blink (for 1-bit and 4-bit), Soft PWM, Segment LED's, LCDpro** and then programs were transferred on to the boards such as **mbed LPC11U24** and **mbed LPC1768** to observe the outputs and also eventually these experiments also performed by the students.

In the workshop students were able to learn analog in and analog out, how hexadecimal value of a alphabet will be read by the computer was an interesting. All kinds of programs were discussed to have a exposure to various design. 8051 processor was discussed with how different types of flags getting changed during execution of the programs.

Students had a hands-on-training on Embedded system and IoT sensor applications. This helped the students to compare the simulated and practical results.

Overall there was many fields discussed in the workshop, students were not aware of it. The workshop was very interactive and lively through which students did not feel uncomfortable to get clear their doubts.

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

This workshop motivated students to take-up this as a base for their project work.

At the end of the workshop **Principal Dr. K. Channakeshavalu** and **HOD of ECE Dr. S G Hiremath** inspired students with their valuable words and also handed over certificates to the students.

21.12.20

HOD, ECE
Dr. S G Hiremath

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

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

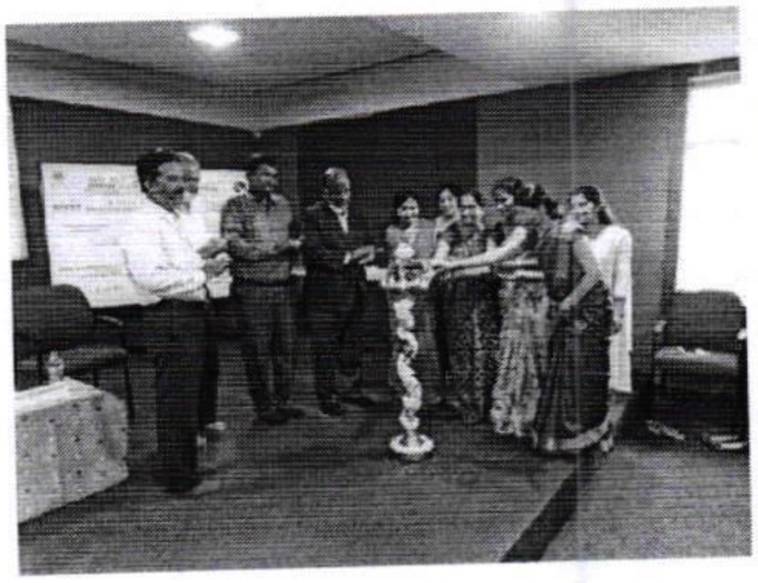
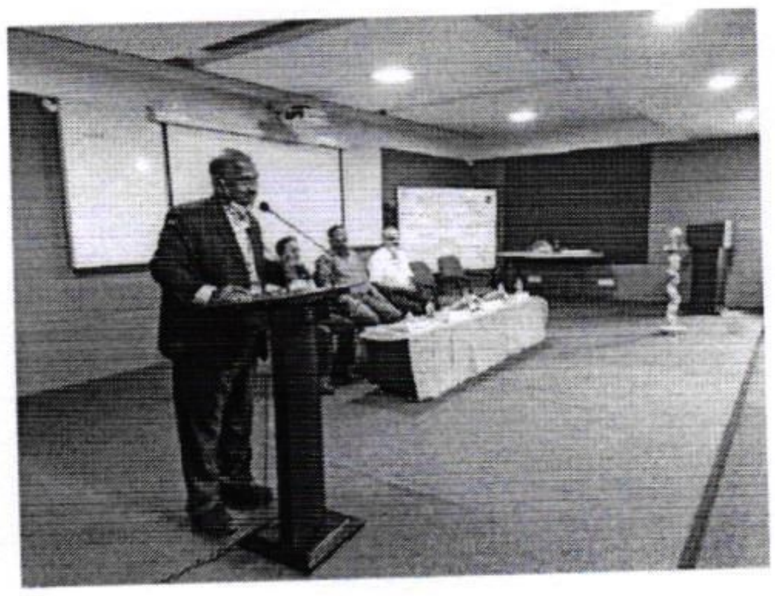
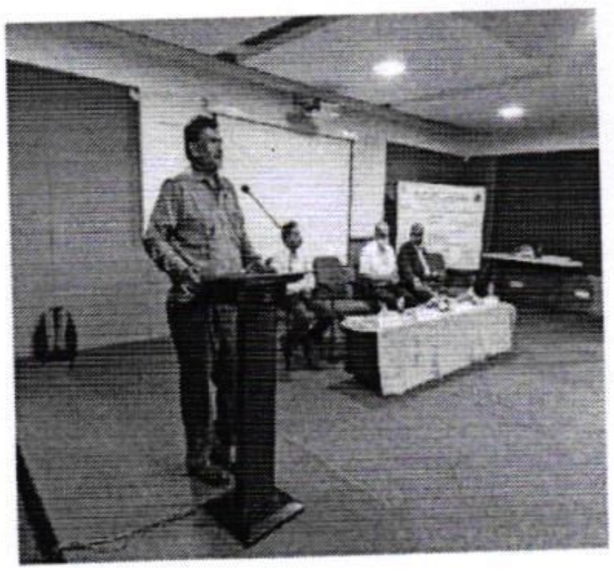
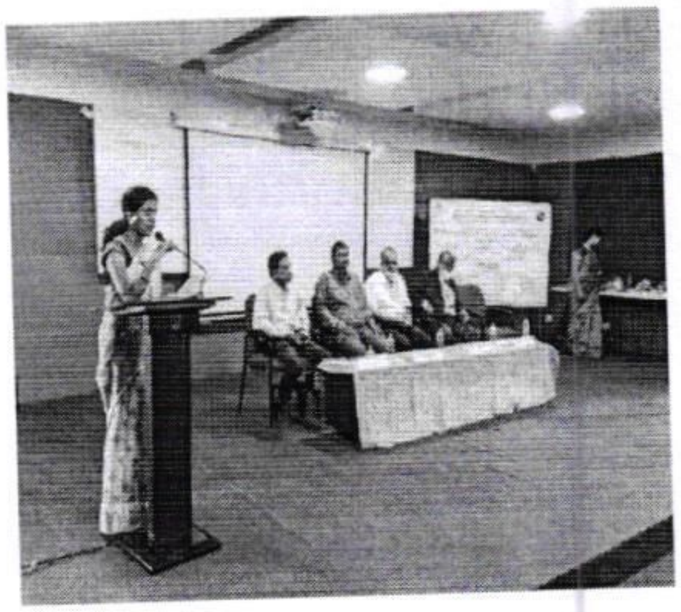
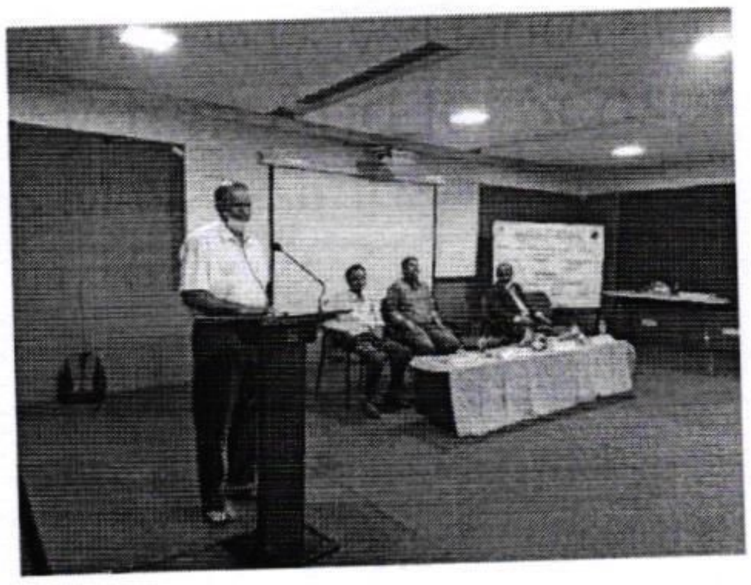
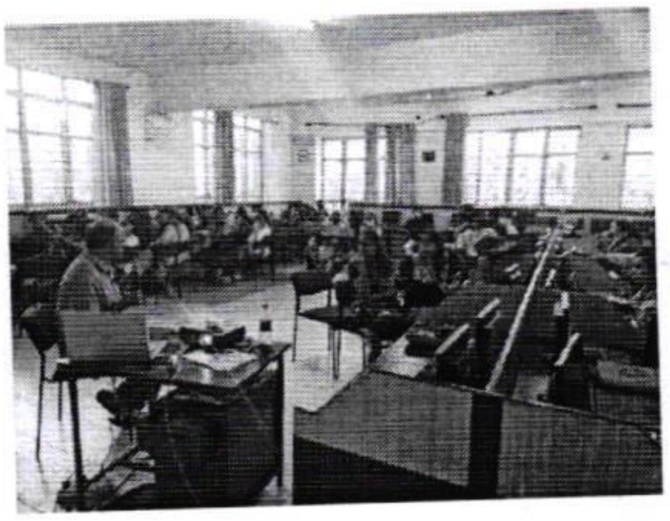
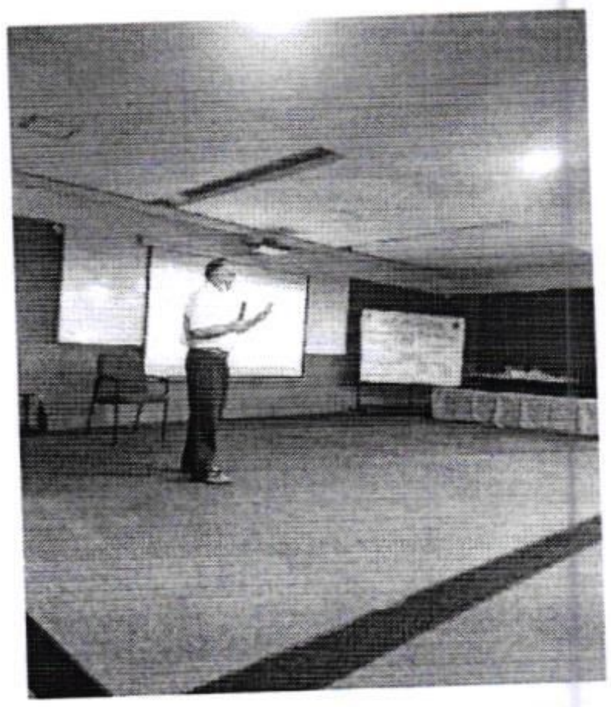
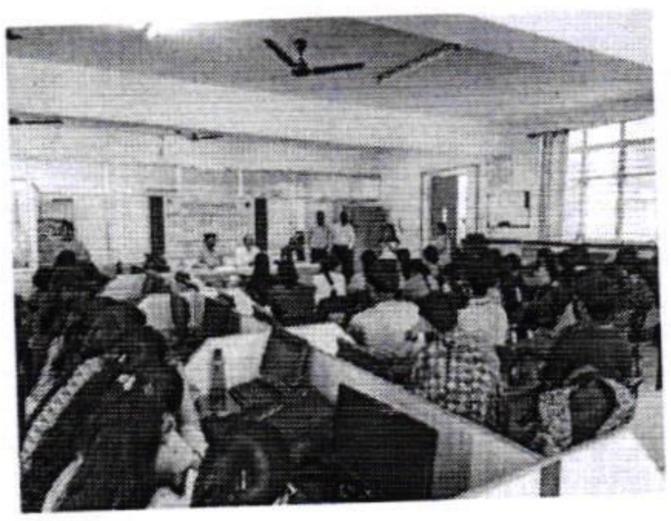
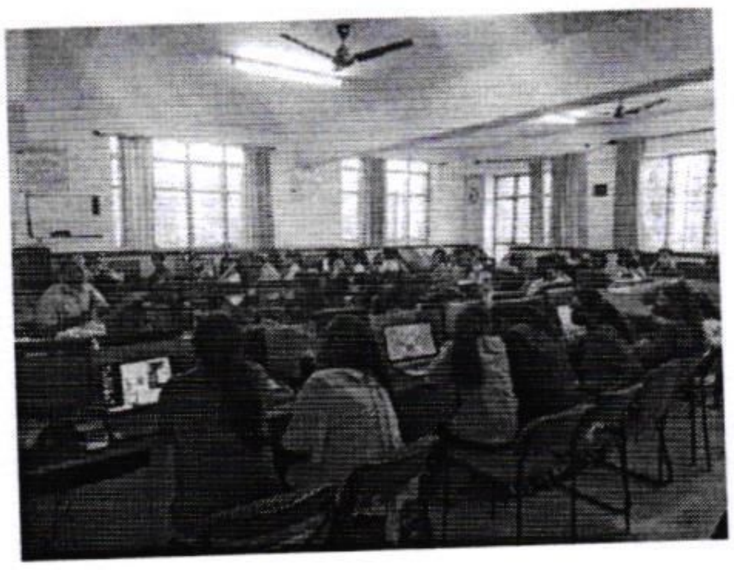
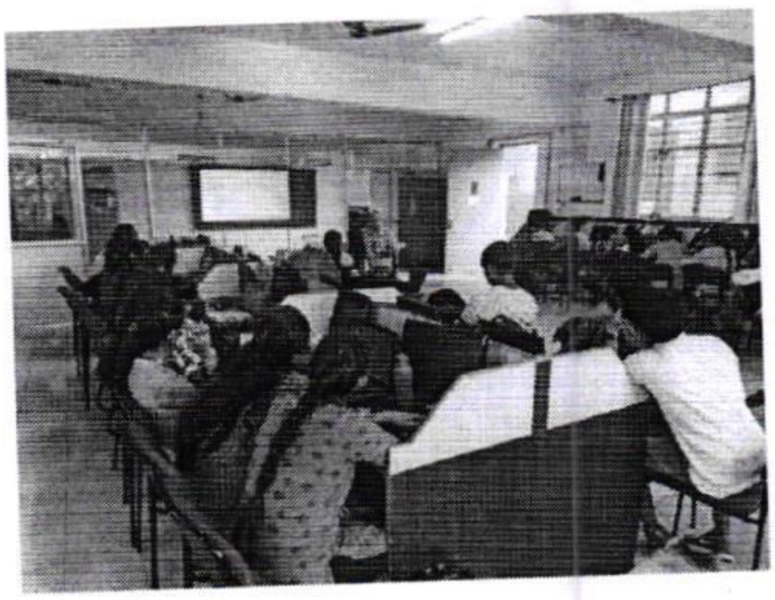
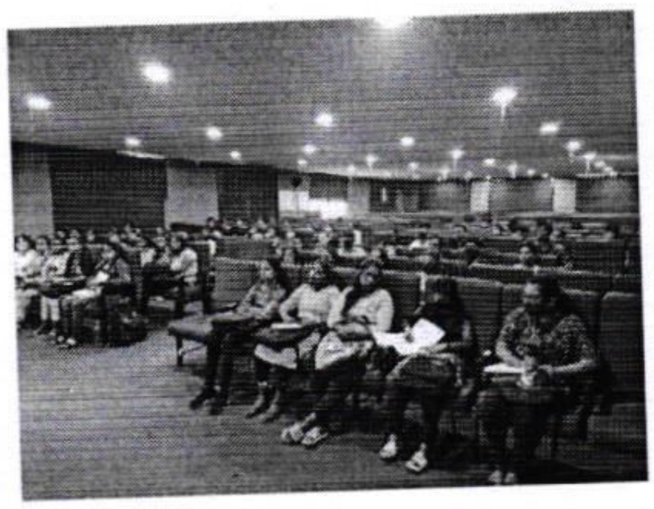
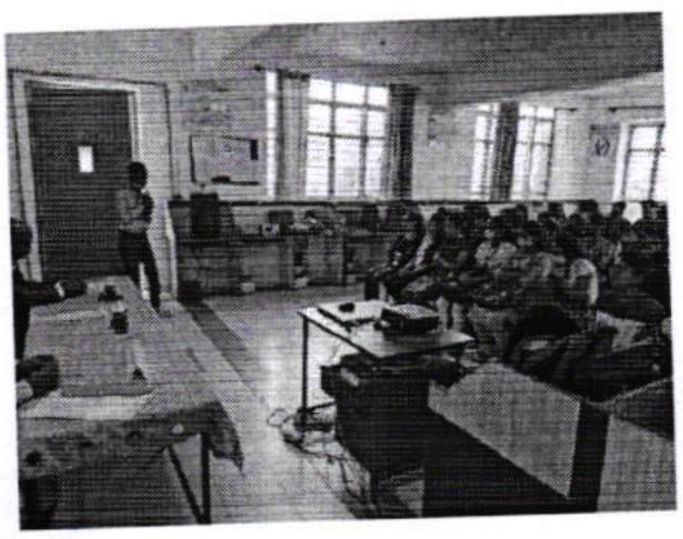
Website: http://www.allimagetool.com

Webinar A Three Days Hands - On Workshop

"Embedded System And Iot Sensor Applications"

on Conducted by **Sri. S M Narasimhan** CEO, Saroja Enterprises, Mysuru

On **16-12-2021 to 18-12-2021**

Principal
East West Institute of Technolog
Off Magadi Main Road, Bengaluru-91