

Annexure 9

Additional facilities Utilization

MATLAB Utilization

RAMCO INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Training Programme Attendance details

Title of the Programme: Hands-on Training on Basics of MATLAB

Date and Venue: 23.12.2021 & Digital Signal Processing Laboratory

Class for whom it was conducted: I year B.E. ECE A

Name, Designation and Address of the Resource Person / Speaker: Mr.Moorthi Kanagaraj, Director- Business Development, Enthu Technology Solutions India Pvt.Ltd. Coimbatore

Details of Participants:

Sl. No.	Name of the Participant	Signature of Participants
		11.00 A.M – 12.30 P.M
1.	AARTHI M	Aarthim
2.	ABINAV K	Abinav
3.	ABISHEK K	ic. Abishek
4.	ADHEEBA BANU A	A. Adheeba Banu
5.	AMIRTHAVARSHINI R	R. Amirthavarshini
6.	A NANTHA KUMAR	AN
7.	ANBARASAN A	A. Anbarasan
8.	ARASAN M	M. Arasan
9.	BHAGAVATHY RAJA N	Bhagavathy
10.	BHARATH ADHITHYAN B	B. Adhithyan
11.	CHELLAPANDIAN M S	M. S. Chellapandian
12.	DEEPAJOTHI D	D. Deepajothi
13.	DEEPIKA P	P. Deepika
14.	DHARSAN S	S. Dharsan
15.	DHARSHINI G	G. Dharshini
16.	DHINESHKUMAR S	S. Dhinesh Kumar
17.	DHIVYADHARSHINI T	T. Dhivyadharshini
18.	DHIVYASRI M B	M. B. Dhivyasri
19.	ENIYA M	M. Eniya
20.	G.V.THIVYAA	G.V. Thivyaa
21.	GANESH R	R. Ganesh
22.	GAYATHRI M	M. Gayathri
23.	GIRISHKUMAR S	S. Girish Kumar
24.	GURU PRAKASH J	J. Guru Prakash
25.	HAREES A	A. Harees

26.	HARI PRASATH R	R. Hari P.
27.	HARI RAMA KARTHIKEYAN B	B. Hari
28.	HARRIS BABU P	P. Harris Babu
29.	HARSHITA E	#Harshita. E
30.	ICEYA R	R. Iceya
31.	INIKA R	R. Inika
32.	JANANI M	M. Janani
33.	JEBAPRIYA B	B. Jebapriya
34.	JEEVAN S	S. Jeevan
35.	JEYA SUDHA V	V. Jey
36.	K ABISHEK	K. Abishek
37.	KALYANASUNDARAM K	K. Kalyan
38.	KAMALA BHARATHI S	S. Kamala
39.	KARPAGA VANITHA B	B. Karpaga Vanitha
40.	KARTHEESWARAN M	M. Kartheeswaran.
41.	KARTHIKEYAN A	A. Karthikeyan
42.	KARUPPIAH G	G. Karupiah
43.	KAVITHA L	L. Kavitha
44.	KAVIYA V	V. Kaviya
45.	KIRUBHA SREE M	M. Kirubha sree
46.	KIRUTHIGA R	R. Kiruthiga
47.	KISOLA T	T. Kisola
48.	KUMUTHA G	G. Kumutha
49.	LAKSHMI NARAYANAN R	R. Lakshmi Narayan.
50.	MADHUMITHA P	P. Madhumi
51.	MALATHI R	Malathi - R
52.	MANUHASINI B	
53.	MANOJ A	A. Manoj
54.	MARIMUTHU M	M. Marimuthu
55.	MATHAVA JAYA KANTHAN H	H. Mathava Jaya
56.	MEERA A	Meera A
57.	MEERA YASMEEN M	M. Meera Yasmeen
58.	MOHANAKIRTHEHA C	C. Mohanakirthiha
59.	MOHANA KRISHNAN A	A. Mohana Krishnan
60.	MUKESH KANNA C	C. Mukesh K.

Signature of Faculty Coordinator
 23/12/2024

HOD
 23/12/24

RAMCO INSTITUTE OF TECHNOLOGY
 Department of Electronics and Communication Engineering
Training Programme Attendance details

Title of the Programme: Hands-on Training on Basics of MATLAB

Date and Venue: 23.12.2021 & Digital Signal Processing Laboratory

Class for whom it was conducted: 1 year B.E. ECE B

Name, Designation and Address of the Resource Person / Speaker: Mr.Moorthi Kanagaraj, Director- Business Development, Enthu Technology Solutions India Pvt.Ltd. Coimbatore

Details of Participants:

Sl. No.	Name of the Participant	Signature of Participants
		03.10 P.M – 04.45 P.M
1.	MUKILAN K	M. Mukil
2.	MUTHEESWARI A	A. Muthes.
3.	MUTHUGOKILA M	M. Muthu Gokila.
4.	MUTHUKUMAR G	G. Muthu Kumar
5.	MUTHU KUMAR M	M. Muthu Kumar
6.	MUTHU SATHIYA K S	K. S. Muthu Sathiya
7.	MUTHUSELVI S	S. Muthu Selvi
8.	NAGARAJ M	M. Nagaraj
9.	NAVEEN K	K. Naveen
10.	NAVEEN KUMAR J	J. Naveen Kumar
11.	NITHISH KUMAR P	P. Nithish Kumar
12.	N NITHISH	N. Nithish
13.	PARTHIPAN J	J. Parthipan
14.	PONTAMILSELVAN V	V. Pontamilselvan
15.	POTHI MATHAVAN M	M. Pothi Mathavan
16.	PRITHIVEERAJ P	P. Prithiveeraj
17.	PUVANESH R	R. Puvanesh
18.	RAJA KEERTHIKA G	G. Raja Keerthika
19.	RAJALAKSHMI R	R. Rajalakshmi
20.	RAMASAMY V	V. Ramasamy
21.	RAMKUMAR B	B. Ramkumar
22.	RITHIKA B	B. Rithika
23.	ROHAN RIYAS A	A. Rohan Riyas
24.	RUHAINA THASNEEM A	A. Ruhaina Thasneem
25.	SABIKA THUSLEEMA A	A. Sabika Thusleema

26.	SAKTHIVINAYAGAM C	R. Sangeetha.
27.	SANGEETHA R	S. Sangeetha Subbul
28.	SANGEETHA SUBBU S	P. Sangeetha
29.	SANJAI R	A. Santhosh Kumar
30.	SANTHOSH KUMAR A	S.K. Saranya
31.	SARANYA S K	S. Sarathy
32.	SASTHA VENKATESH S	S. Saswath Vel
33.	SASWATH VEL S	M.R.A.P. Shan Kumar
34.	SATHEESHKUMAR M R A P	M. Sathya
35.	SATHYA M	K.S. Shobha
36.	SHOBHA K S	S. Shree Ganga
37.	SHREE GANGA S	Shree
38.	SHREE HARISH R	S. Sri Ran
39.	SHRIRAM S	R. Sri Ran
40.	SIVAKIRUTHIKA K	R. Sivakumar
41.	SIVAKUMAR R	M. Sivasakthi
42.	SIVASAKTHI M	S. Diva Sankaran
43.	SIVA SANKARAN S	S. Diva
44.	SRINIVASS S	S. Sri Ran
45.	SRIPON MANIKANDAN S	M. Sri Ran
46.	SRI RAM M	R. Sri Ran
47.	SUDEEPA R	Shree
48.	SUNDAR M	Shree
49.	SURESH V	G. Suresh Kumar
50.	SURESHKUMAR G	V. Suriya
51.	SURIYA K	S. Suvalakshmi
52.	SUVALAKSHMI S	Thanoosh
53.	THANOOSH A M	R. Thanusa Bharathi
54.	THANUSA BHARATHI R	Theny.
55.	THENU PRIYA K	E. Umadevi
56.	UMA MAHESWARI E	K. Vignesh
57.	VIGNESH K	P. Vignesh Raj
58.	VIGNESHRAJ P	A. Vishnu
59.	VISHNU A	
60.	YOGESWARAN M	AB

Signature of Faculty Coordinator

HOD

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering

Training Programme Feedback Form

(Please fill-up the form to help us improve and maintain the quality of the programme)

Name of the Participant (Optional) : Sakthi Vinayagam . C
Title of Programme / Course attended : Hands-on Training on Basics of MATLAB
Date and Venue : 23.12.2021 & Digital Signal Processing Laboratory
Name of the Resource Person / Speaker : Mr.Moorthi Kanagaraj, Director- Business Development,
Enthu Technology Solutions India Pvt.Ltd. Coimbatore

(Please ✓ in appropriate box)

a. How do you feel about the programme / course content?

Very Good Good Satisfactory Poor

b. How do you rate the lecture sessions / presentations? (if relevant)

Very Good Good Satisfactory Poor

c. How do you rate the practical sessions? (if relevant)

Very Good Good Satisfactory Poor

d. How do you rate the interactive sessions? (if relevant)

Very Good Good Satisfactory Poor

e. How do you rate the quality of course material given to you? (if relevant)

Very Good Good Satisfactory Poor

f. How do you rate the usefulness of programme in improving your skills?

Very Good Good Satisfactory Poor

g. To what extent you have improved your knowledge / skills after attending the programme?

85-95% 75-85% 50-75% 25-50%

h. How do you rate the timely communication in all aspects of the programme? (if relevant)

Very Good Good Satisfactory Poor

i. How do you rate the overall arrangement and conduct of the programme / course?

Very Good Good Satisfactory Poor


j. Whether the contents discussed were relevant to the topics planned? Yes / No

k. Would you like to have another programme by the same Resource person? Yes / No

l. Name the specific topic or session, which you liked most:

m. Any specific feedback:

Date:


Signature of Participant:



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MATLAB Utilization Report Department of Electronics and Communication Engineering

Sl. No.	Name of the Faculty Member	Designation (AP/AP(SG)/ASCP/Professor)	Course code & Title	Semester / Branch / Section [Example: V-ECE-A]	Mini Project [Unit Number with topic]	Problem based Learning - Assignment [Unit Number with topic]	Problem based Learning - Tutorial [Unit Number with topic]	If any Additional Experiments using MATLAB	Completed Course Names with Percentage [Example: MATLAB Onramp - 100%, etc.]
1.	Dr.S.Periyanyagi	Professor	EC8553 Digital Time Signal Processing	V-ECE-B	Unit II - IIR Filter Design	Unit I , UNIT II, UNIT III - Assignment 2 - DFT and IDFT, Assignment 3 - IIR Filter Design, Assignment 4 - FIR filter Design	-	-	MATLAB Onramp 100%
2.	Dr.A.Azhagu Jaisudhan Pazhani	Associate Professor	EC8691 Microprocessor and Microcontroller	V-CSE	Design microcontroller based system using MATLAB Simulink	UNIT V - Microcontroller based system design	-	-	Signal Processing onramp 86%
			EC8552 Computer Architecture and Organization	V-ECE-B	UNIT II - Fixed Point Addition Using MATLAB	UNIT V Multiprocessor network topologies	-	-	

			EC8681 Microprocessor and Microcontroller Lab	V-CSE	Microcontroller based Real Time System	-	-	-	-
	Dr.S.Vairaprakash	Associate Professor	EC8501-Digital Communication	V-ECE-A	UNIT V-Error Control Codes	UNIT IV- Digital Modulation	-	-	-
			EC8395- Communication Engineering	III CSE	UNIT4 -Error control codes	Unit 4- Convolutional codes	-	-	-
4.	Mr. K.Ragavan	Assistant Professor (Sr.Gr)	EC8563- Communication Networks Lab	V-ECE-B	-	-	-	Implementati on of Encryption and Decryption Algorithm using MATLAB	MATLAB Onramp 100% Deep Learning Onramp - 100%
			EC8352 Signals and Systems	III-ECE-A	Unit 1 & 4 - Periodic signal generation and its sampled version in time domain and frequency domain for different Nyquist rates using MATLAB / Scilab	-	-	-	-
5.	Mrs.G.Gnana Priya	Assistant Professor (Sr.Gr)	EC8561 Communication Systems Laboratory	V-ECE-A	Analysis of AM, FM waveforms and the effects of aliasing in the sampled signal	-	-	-	-

6.	Mrs.R.Ramalakshmi	Assistant Professor	EC8751 Optient Communication	VII-ECE-B	Unit V - Soliton Matlab Simulation	-	-	-	Signal Processing Onramp - 95%
			EC8561 Communication Systems Laboratory	V-ECE-B	Analysis of AM, FM waveforms and the effects of aliasing in the sampled signal	-	-	-	-
7.	Mrs.V.Srirenga Nachiyar	Assistant Professor (Sr.Gr)	EC8351 Electronic Circuits I	III-ECE-A, III-ECE-B	Unit-V (Rectifier)	-	-	-	-
			EC8361 Analog and Digital Circuits Laboratory	III-ECE-B	Design an amplifier using MATLAB	-	-	-	-
8.	Mrs.S.Jeeva	Assistant Professor	EC8553 Digital Time Signal Processing	V-ECE-A	Unit II - IIR Filter Design	Unit I, UNIT II, UNIT III - Assignment 2 - DFT and IDFT, Assignment 3 - IIR Filter Design, Assignment 4 - FIR filter Design	-	-	Machine Learning Onramp - 100%

			EC8562 Digital Signal Processing Laboratory	V-ECE-A	Design of Multirate Filters (Interpolation and Decimation) using MATLAB	-	-	-	-
9.	Mr.S.Vijayakumar	Assistant Professor	EC8361 & Analog and Digital circuits Laboratory	III-ECE-A	Design an amplifier using MATLAB	-	-	-	-
10.	Mr.P.Gunasekaran	Assistant Professor	EC8501 Digital Communication	V-ECE-B	Unit V - Convolution Coder using MATLAB	Unit IV - Digital Modulation Schemes & Unit V - Channel Coding Theorem	-	-	Signal Processing Onramp - 100%
11.	Mr.G.Sivakumar	Assistant Professor	EC 8551 Communication Networks	V-ECE-B	UNIT V Application Layer	-	-	-	-
			EC8391 & Control System Engineering	III-ECE-B	Unit 2 and 3 - plotting time and frequency response	-	-	-	-
12.	Mr.P.Venkatesh	Assistant Professor	CS8082 Machine Learning Techniques	VII-ECE-A	unit 2-Neural Network Algorithms	Concept learning - unit 1, decision tree- unit 1, neural network problems unit 2	-	-	-

			EC8361 Analog and Digital Circuits Lab	III-ECE-B	Amplifiers	-	-	-	-
			EC8552 Computer Architecture and Organization	V-ECE-A	Unit-2 (Fixed Point Representation)	-	-	-	-
13.	Mr.L.K.Balaji Vignesh	Assistant Professor	EC8094 Satellite Communication (Advancement Course)	VII-ECE-A & B	Unit 5 (Design Satellite Model using Digital Transmission System)	-	-	-	MATLAB Onramp- 100%
			EC8563 Communication Networks Laboratory	V-ECE-A	Routing Path Algorithms	Encryption and Decryption Algorithms	-	-	-
14.	Ms.S A Radhika	Assistant Professor	EC8701 Antenna and Microwave Engineering	VII ECE B	Design various antennas and Analyze its radiation pattern and VSWR characteristics (Unit -2 Radiation mechanism and Design aspects)	-	-	-	-

S. Veer
22/11/2024
Department MATLAB Incharge

A
22/11/2024
Faculty Incharge

HOD
22/11/24



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MATLAB Online Course Details

Sl.No.	Name of MATLAB Online Courses Completed	Year / Branch	Number of Students
1.	MATLAB Onramp	III ECE	63
2.	MATLAB for Data Processing and Visualization	III ECE	1
3.	Machine learning with Onramp	III ECE	5
4.	Machine learning with Onramp	IV ECE	1
5.	Image Processing with MATLAB	III ECE	2

Department of Electronics and Communication Engineering

Sl. No.	Register no.	Name of the Student	Year	Branch	Name of the MATLAB Online Courses Completed	Name of the MATLAB Online Courses Pursuing
1.	953619106001	ABINAYA S	III	ECE	MATLAB Onramp	-
2.	953619106002	ABIRAMI V	III	ECE	MATLAB Onramp	-
3.	953619106003	AKILANDESWARI K	III	ECE	MATLAB Onramp	-
4.	953619106004	AMUDHADEVI A S	III	ECE	MATLAB Onramp	-
5.	953619106005	ANUDHARSHINI M	III	ECE	MATLAB Onramp	-
6.	953619106006	ARAVIND M	III	ECE	MATLAB Onramp	-
7.	953619106007	ARUMUGA VISWANATH P	III	ECE	MATLAB Onramp	-
8.	953619106008	ASIBA MINA K R	III	ECE	MATLAB Onramp	-
9.	953619106009	CHIDHAMBARANATHAN R	III	ECE	MATLAB Onramp	-
10.	953619106010	DEEPAK CHAKRAVARTHI	III	ECE	-	MATLAB Simulink

11.	953619106011	DHARINI A	III	ECE	MATLAB Onramp	-
12.	953619106012	DHARSHINI K	III	ECE	MATLAB Onramp	-
13.	953619106013	DHARSHINI P	III	ECE	MATLAB Onramp	Image Processing with MATLAB
14.	953619106014	DIVYA SHREE R	III	ECE	MATLAB Onramp	-
15.	953619106015	DIWYA DHARSHINI R	III	ECE	MATLAB Onramp	-
16.	953619106016	ELAVARASI A	III	ECE	MATLAB Onramp	-
17.	953619106017	GAAYATRI V S	III	ECE	MATLAB Onramp	Image Processing with MATLAB
18.	953619106021	GIRITHARAN D	III	ECE	MATLAB Onramp	-
19.	953619106022	GOMATHI NAAAYAGAM I S	III	ECE	MATLAB Onramp	-
20.	953619106023	HARIHARAN S	III	ECE	MATLAB Onramp	-
21.	953619106024	HARINI U	III	ECE	MATLAB Onramp	-
22.	953619106025	INDHUMATHI C	III	ECE	MATLAB Onramp	Image Processing with MATLAB
23.	953619106026	ISHWARYA R	III	ECE	MATLAB Onramp	-
24.	953619106027	JAYA MAHIMA M	III	ECE	MATLAB Onramp	Image Processing with MATLAB
25.	953619106028	JEYAGOMATHI S	III	ECE	MATLAB Onramp	-
26.	953619106029	JISHA P S	III	ECE	MATLAB Onramp	-
27.	953619106030	KALIDAS P	III	ECE	MATLAB Onramp MATLAB for Data Processing and Visualization	-
28.	953619106033	KAVIN KUMAR R	III	ECE	MATLAB Onramp	-
29.	953619106034	KAVIYA S	III	ECE	MATLAB Onramp	Image Processing with MATLAB

30.	953619106035	KAVYA P	III	ECE	MATLAB Onramp	-
31.	953619106036	KEERTHIKA B	III	ECE	MATLAB Onramp	-
32.	953619106037	KESAVANAND M	III	ECE	MATLAB Onramp	-
33.	953619106040	LOGGAA SRI AGITHA K	III	ECE	MATLAB Onramp	-
34.	953619106302	KUMARAGURUPARAN A	III	ECE	MATLAB Onramp	-
					Machine learning with Onramp	-
35.	953619106041	MAHENDRA PRAKASH R	III	ECE	MATLAB Onramp	MATLAB for Data Processing and Visualization
36.	953619106042	MANJULA G	III	ECE	MATLAB Onramp	-
37.	953619106044	MARIKRISHNAUTHAMI S	III	ECE	MATLAB Onramp	Machine learning with MATLAB
38.	953619106046	MONIKA R	III	ECE	MATLAB Onramp	-
39.	953619106048	NAMASIVAYAM T	III	ECE	MATLAB Onramp	-
40.	953619106049	NAVEEN KUMAR S	III	ECE	MATLAB Onramp	-
41.	953619106051	PADMA PRIYA C	III	ECE	MATLAB Onramp	-
42.	953619106052	PRADEEP C	III	ECE	MATLAB Onramp	-
43.	953619106053	PRAKATHI S	III	ECE	MATLAB Onramp	-
44.	953619106054	PRIYADHARSHINI R	III	ECE	MATLAB Onramp	-
45.	953619106057	SABRIYAH M	III	ECE	MATLAB Onramp	-
46.	953619106058	SAI VISHNU L	III	ECE	MATLAB Onramp	-
					Machine learning with MATLAB	
					Image Processing Onramp	
47.	953619106059	SAKTHI ABIRAMI N	III	ECE	MATLAB Onramp	-

48.	953619106061	SANGHAVI G	III	ECE	MATLAB Onramp	-
49.	953619106062	SANTHOSH I	III	ECE	MATLAB Onramp	-
50.	953619106064	SEETHA DEVI M	III	ECE	MATLAB Onramp	-
51.	953619106065	SHANMUGAVISAL S.V	III	ECE	MATLAB Onramp	-
52.	953619106066	SHARON TRESHA A	III	ECE	MATLAB Onramp	-
53.	953619106067	SHRINITHIMEENA M	III	ECE	MATLAB Onramp	-
					Machine learning with MATLAB	
54.	953619106068	SNEHA P	III	ECE	Image Processing with MATLAB	-
					MATLAB Onramp	
55.	953619106069	SNEKHA B	III	ECE	MATLAB Onramp	Machine learning with MATLAB
					-	
56.	953619106071	SUJITHA K	III	ECE	MATLAB Onramp	-
57.	953619106072	SURENDAR V	III	ECE	MATLAB Onramp	-
58.	953619106073	SUSHMA A	III	ECE	MATLAB Onramp	-
					Machine learning with MATLAB	
59.	953619106074	SUSHMITHA K	III	ECE	MATLAB Onramp	-
60.	953619106075	VAISHNAVI M	III	ECE	MATLAB Onramp	-
61.	953619106078	VIJAYARAMMSEN A	III	ECE	MATLAB Onramp	-
62.	953619106079	VIJAYASANKARI P	III	ECE	MATLAB Onramp	-
63.	953619106080	VINOTHINI RAJAM R	III	ECE	MATLAB Onramp	-
64.	953619106301	BALAJI S	III	ECE	MATLAB Onramp	-

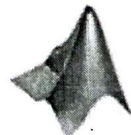


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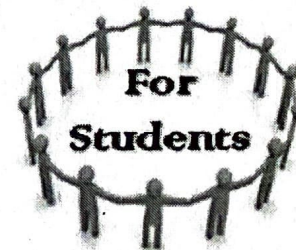
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Rajapalayam – 626 117, Virudhunagar District, Tamil Nadu.



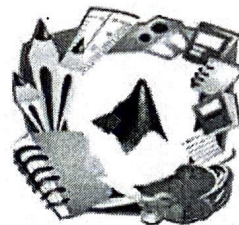
MathWorks

Webinar on “MathWorks Campus Wide License for MATLAB & Portal Demo” in Association with ISTE Student Chapter



Resource Persons

Mr. Harish Murthy
Education Customer
Success Specialist
MathWorks,
Bangalore



Mr. Moorthi Kanagaraj
Director- Business Development
Enthu Technology Solutions
India Pvt.Ltd.,
Coimbatore

17-8-2021
@

Coordinator
Mr.K.Ragavan
AP(SG)/ECE

Convenor
Dr.S.Periyamayagi
HOD/ECE

Patron
Dr.S.Rajakarunakaran
Vice Principal

Chief Patron
Dr.L.Ganesan
Principal



11:30AM



<https://tinyurl.com/p2vv78r5>

NI LabView Utilization



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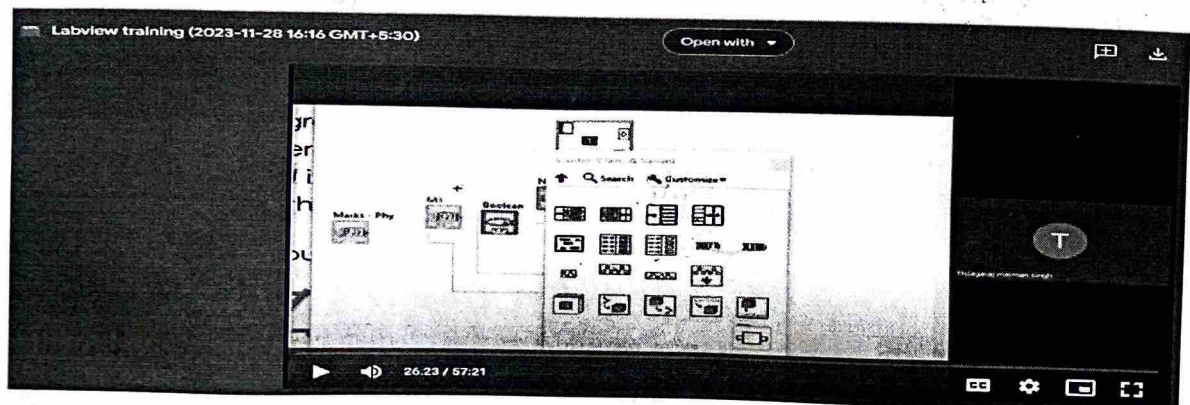
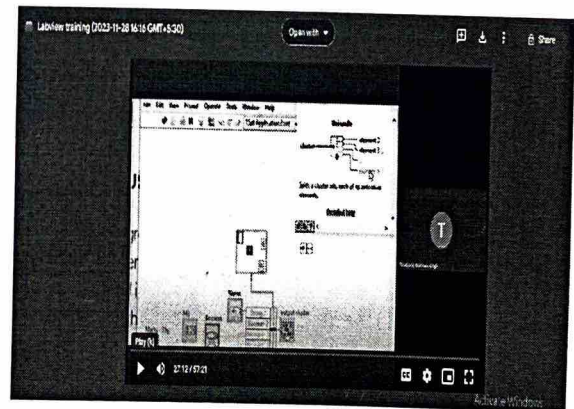
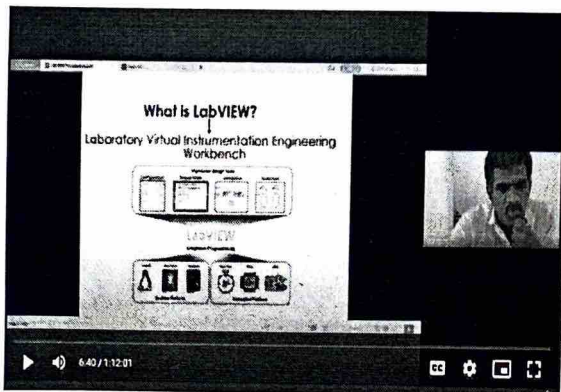
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Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electronics and Communication Engineering Faculty Training Programme on “NI LabView”

EVENT REPORT

Event name : Faculty Training Programme on “NI LabView”
Date & time : 28.06.2023 to 11.07.2023 & 02.00 P.M - 03.45 P.M
Participants : Faculty (ECE, EEE, Mech)

Department of Electronics and Communication Engineering organized a Faculty Training Programme titled “NI LabView” from 28.06.2023 to 11.07.2023 for ECE, EEE, Mech faculty. Approximately 18 faculty from ECE, EEE, Mech were actively participated in this programme. Resource Person. Dr.M.Thilagaraj Associate Professor/ECE, (CLAD Certifier) ,MVJ College of Engineering, Bengaluru is the resource person of this training.. He delivered a wonderful session about all tools available in LabView with hands on session.. He assigned task and induced the faculty to work on it with his guidance.Faculty interact and gain more information’s about innovative and creative thinking. Dr.A.Lakshmi, ASP/ECE and Dr.S.Vairaprakash, ASP/ECE coordinated this programme. Dr.S.Vairaprakash, ASP/ECE has given vote of thanks. Finally feedback were collected.



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	A	B	C	D	E	F	G
1	First name	Last name	Email	Duration	Time joined	Time exited	
2	Iakshmi	A	lakshmi@ritrjpm.ac.in	1 hr 21 min	2:09â€PM	3:30â€PM	
3	Deepalakshmi	B	deepalakshmi@ritrjpm.ac.in	54 min	2:06â€PM	3:00â€PM	
4	Gnana Priya	G	gnanapriya@ritrjpm.ac.in	1 hr 3 min	2:01â€PM	3:08â€PM	
5	Sivakumar	G	gsivakumar@ritrjpm.ac.in	52 min	2:38â€PM	3:30â€PM	
6	Sivapriya	G	sivapriya@ritrjpm.ac.in	1 hr 16 min	2:14â€PM	3:30â€PM	
7	Subhashini	G	subhashini@ritrjpm.ac.in	1 hr 7 min	2:17â€PM	3:24â€PM	
8	JEEVA	KARTHICKEYAN	jeeva@ritrjpm.ac.in	1 hr 33 min	1:57â€PM	3:30â€PM	
9	KrishnaKumari	L	krishnakumari@ritrjpm.ac.in	16 min	3:14â€PM	3:30â€PM	
10	Thilagaraj	malman singh	m.th*****@***.com	1 hr 23 min	2:03â€PM	3:30â€PM	
11	Emerson	Nithiyaraj	emersonnithiyaraj@ritrjpm.ac.in	1 hr 30 min	2:00â€PM	3:30â€PM	
12	Suresh Kumar	P	sureshkumarp@ritrjpm.ac.in	1 hr 22 min	2:08â€PM	3:30â€PM	
13	Ram	R	rram*****@***.com	53 min	2:37â€PM	3:30â€PM	
14	ecetlp	rit	ecetlp@ritrjpm.ac.in	1 hr 34 min	1:56â€PM	3:30â€PM	
15	Vairaprakash	S	vairaprakash@ritrjpm.ac.in	1 hr 18 min	2:03â€PM	3:30â€PM	
16							

guel
2/11/23
Prepared by

guel
2/11/23
D. Lakshmi
2/11/23
Coordinator(s)

[Signature]
HOD/ECE

RAMCO INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2020- 2021 (Even Semester)
Details of Project Group

Sl. No	Register Number	Name(s) of the student(s)	Title of the Project	Area of Project	Name of the Supervisor
1.	953617106001	C.Abinaya	LHS based Alarm Point Locator in Coal Belt Conveyor	Embedded System	Dr.B.Deepa Lakshmi
	953617106002	R.Abirami			
	953617106020	M.Dhana Lakshmi			
2.	953617106004	A.Adishree Trinetra	Automation in despatch of Cement Pack	Embedded System	Ms.S.Radhika
	953617106019	K.Chitra lekha			
	953617106036	G.Jeyavarsha			
3.	953617106006	K.Alex Pandian	Smart Syringe Infusion Pump	Embedded System	Mr.D.Gopinath
	953617106014	S.ArunKumar			
	953617106026	V.Goutham			
4.	953617106007	R.Amaravathi	Design and implementation of Square Multiplier using Vedic Maths in FPGA Kit	VLSI Design	Mr.S.Vijayakumar
	953617106044	P.Kothawari			
	953617106091	K.Sugirtha Shalini			
5.	953617106008	M.Aniruth Shriram	Medication Premixed Nebulizer Liquid Container using an IoT	IoT	Mr.G.Sivakumar
	953617106041	S.Kesavan			
	953617106043	V.Kishore prasath			
6.	953617106009	A Anitha Rahini	An Enhanced Retinal Blood Vessel Segmentation using Deep Convolutional Neural Network	Image Processing	Mr.R.Deivanayagam
	953617106025	A.Farzana Fathima			
	953617106046	K.Lakshmi Gomathi			

Sl. No	Register Number	Name(s) of the student(s)	Title of the Project	Area of Project	Name of the Supervisor
7.	953617106011	R.Anushya	2D Plotter Simulation and Prototype using NI LabVIEW and NI myRIO	Control System	Mrs.S.Jeeva
	953617106021	Dhanushya. R			
	953617106024	T.Dhivyamuthachi			
8.	953617106012	K. Anusuya	Presaging access amass Communication Shred	Machine Learning	Mrs.G.Gnana Priya
	953617106016	M Aysha Shahana			
	953617106039	S Kalaipriya			
9.	953617106013	T.Arunan	Ethernet based Field Bus System	Embedded System	Dr.S.Vairaprakash
10.	953617106015	R ArunPrasanth	On Board Diagnostics - OBD	Embedded System	Mr.K.Ragavan
	953617106033	S Jegadheesh kumar			
	953617106037	D.Joseph chandrashekar			
11.	953617106018	S.Bhuvan akshay	Design of approximate multiplier for approximate compressor unit and the application in image filtering	VLSI Design	Dr.A.Azhagu Jaisudhan Pazhani
	953617106027	K.Hariram Sundravel			
12.	953617106022	M.Dharini	Voice Controlled Robot using NI Labview & NI myDAQ	Image Analysis	Mrs.R.Chitra
	953617106030	S. Isha Suga Nandhini			
13.	953617106023	S.Dharsini	Pulse Diagnosis system	Embedded System	Dr.B.Deepalakshmi
	953617106047	A.Lakshmi kantham			
14.	953617106028	S.Harithra	Smart Anti-Theft System for Automotive Security with Face Recognition and SMS Ignition Control	Embedded System	Mr.P.Gunasekarn
	953617106040	S.KarthikaShree			
15.	953617106031	S.Jaiharish	Analysing Facial Expression and Hand Gestures using Deep Learning	Artificial Intelligence	Mr.D.Gopinath
16.	953617106032	J Jeevitha	Design of Multiband Patch Antenna for WIMAX and WLAN Applications	Antenna	Mr.P.Venkatesh
	953617106048	B. Lakshmi Praba			

Sl. No	Register Number	Name(s) of the student(s)	Title of the Project	Area of Project	Name of the Supervisor
	953617106050	R Leon Mobit Bringa.			
17.	953617106034	R.Jenani Rajkumari	IoT Enable Power Profile Monitoring System	IoT	Mrs.R.Divya
	953617106045	M.Lahvanya			
18.	953617106042	B.Kishore kanna	Automation in Cement Bag Feeding in Electronic Rolling Packer	Industrial Automation	Mr.P.Gunasekaran
19.	953617106051	Libiya Joseph	Dynamic Spectrum Sharing in 5G Technology using Cognitive Radio Networks	Wireless Communication	Mr.R.Ramalakshmi
	953617106052	S Mahalakshmi			
20.	953617106005	B.Aishwarya	Vehicle to Vehicle Communication for cooperative driving	Sensors and Embedded system	Mrs.M.Sangeetha
	953617106081	M.Shunmugapriya			
	953617106100	R.Varshini			
21.	953617106010	S.Annapoorani	Face Mask detection using Deep Learning and NI LabVIEW	Image Processing	Mrs.S.Jeeva
	953617106077	M.Santhiya			
	953617106085	V.Siva priya			
22.	953617106029	A.Harnee	Design of High Performance Error tolerant Adder for Approximate Computing Unit	VLSI	M.Sangeetha
	953617106038	A.Joyce Leethiyal			
	953617106083	C.S.Sindhuja			
	953617106095	S.G.Udhaya			
23.	953617106035	V.Jeya lakshmi	Hybrid Edge Detection for Brain Tumor Detection from MR Image using openCV	Image Processing	Mr.B.Kannan
	953617106084	V.Sindhuja			
	953617106089	M.Subhashree			
24.	953617106049	S.Lakshmi Priya	Named Entity Recognition and Classification using Bio-bert Model	Artificial Intelligence	Mr.K.Ragavan
	953617106069	M.Priyanka			

Sl. No	Register Number	Name(s) of the student(s)	Title of the Project	Area of Project	Name of the Supervisor
	953617106093	S.Swetha			
25	953617106053	A.Manikandan	BDoor App-Blood Donation Application using Android Studio	Android Application development	Dr.S.Periyayagi
	953617106056	M.Muthukrishnan			
	953617106070	M.Ramakrishnan			
26.	953617106054	A.Manju	Memristor based Pass Transistor Logic	VLSI	Mr.S.Vijayakumar
	953617106068	S. Priyadharshini			
	953617106071	P.Ramya			
27	953617106055	K.Mounica	Smart Energy Meter using LoRaWAN technology	IoT based LoRaWAN technology	Dr.A.Azhagu Jaisudhan Pazhani
	953617106078	S.Selva Dharshini			
28.	953617106057	G.Nandhini Devi	Monitoring Patients undergoing Continuous Ambulatory Peritoneal Dialysis using IoT.	IoT	Mrs.G.Gnana Priya
	953617106059	M.Ponsheela			
	953617106082	S.Siba jasmine			
29.	953617106058	G.Nishanthi	Analysing the PQRST Parameters from ECG Signal to Identify the types of Heart Disease	Artificial Intelligence	Mrs.V.SrirenaNachiyar
	953617106073	V.Sakthi Ramya			
30.	953617106060	G.Ponsuki varman	Smart Car Parking System using IoT	IoT	Dr.S.Vairaprakash
	953617106094	T.Tamilselvan			
	953617106096	G.M.Vairamuthu			
	953617106103	P.Vijay Pramothe P			

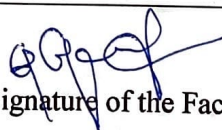
Sl. No	Register Number	Name(s) of the student(s)	Title of the Project	Area of Project	Name of the Supervisor
31.	953617106061	A.Pooja	Smart Parking System based on LoRaWAN Technology	IoT based LoRaWAN technology	Ms.S.Harini shriram
	953617106098	M.Vaishnavi			
32.	953617106062	R.Pradeep	An IoT-based System for Automated Health Monitoring and Surveillance in Post-Pandemic Life	IoT	Mr.L.Balaji Vignesh
	953617106065	R.Praveen			
	953617106064	P.Praveen			
	953617106075	M.Sankar			
33.	953617106063	S.Pradeepa	Drowsiness Detection of a Driver	Image Processing	Mrs.R.Ramalakshmi
	953617106066	V.Priya			
	953617106074	K.Sangavi			
34.	953617106067	R.Priya dharshini	Soil Irrigation with LoRaWAN	IoT based LoRaWAN technology	Mrs.R.Chitra
	953617106086	R.Sivasakthi			
	953617106097	A.Vaishnav Arundhati			
35.	953617106072	S.Sai Nandha kishore	Multipurpose Patient Monitoring System using LabVIEW	Signal Processing	Mr.A.Rameshbabu
36.	953617106076	S.Sankara Narayanan	Vehicle Speed Management System	Embedded system	Mr.A.Rameshbabu
	953617106101	V.Vasanthakumar			
	953617106092	S.V.Sumanth			
37.	953617106079	J.Shaina Davita	Vehicle Diagnostics and Monitoring using OBD module	Embedded system	Dr.S.Periyanayagi
	953617106088	V.Sri Gowsalya			
	953617106087	S.Sri Deepika			
38.	953617106090	S.Suganya		Artificial Intelligence	Mr.R.Deiva Nayagam

Sl. No	Register Number	Name(s) of the student(s)	Title of the Project	Area of Project	Name of the Supervisor
	953617106099	C.Varsha	COVID-19 Detection from Chest CT Scan Images		
39.	953617106102	V.Veeralakshmi	Performance analysis of photonic network on chip	VLSI	Mr.R.Divya
	953617106104	V.Yogeshwari			

MODROB Equipments Utilization

**Details of Technical Activity****Title /Theme: Workshop on “Measurement of RF and Microwave Circuits”****Date : 22.08.2023****Duration: One Day****No of Students Participated: 23 Students & 3 Faculty members****Photographs with caption:****During the Session****Details:****Speaker: Dr.Raghuraman Selvaraju,****Designation/Organization: RF Application Engineer, Elmack Engineering Services (P) Ltd., Chennai****Report*****(maximum 250 words)***

Department of Electronics and Communication Engineering in association with IE (I) student chapter jointly organized Workshop on “Measurement of RF and Microwave Circuits” (Tuesday) at DSP Laboratory for III & IV year ECE students and Faculty members. 23 students from III year ECE & IV year ECE students & 3 Faculty members were actively participated in this workshop. Resource Person Dr.Raghuraman Selvaraju, RF Application Engineer, Elmack Engineering Services (P) Ltd., Chennai delivered a wonderful Hands on Session about Measurement of RF and Microwave Circuits using Network Analyzer, Spectrum analyzer and Waveform generator. Students interact and gain more informations about Measurement of RF and Microwave Circuits. Mrs.G.Gnan Priya, AP(SG)/ECE & Mr.D.Gopinath AP/ECE coordinated the event. Student coordinators Ms.S.Bagavathi Gayathri, Mr.K.Neerathilingam, Ms.R.Thanusa Bharathi & Mr.B.Bharath Adhithyan coordinated the event & student’s feedbacks were collected.


Signature of the Faculty



RAMCO INSTITUTE OF TECHNOLOGY

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Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electronics and Communication Engineering

FDP on "RF Measurement Devices for 5G – A Hands-on Approach" - 14.02.2022 to 15.02.22

The department of Electronics and Communication Engineering conducted a **Faculty Development Programme** on **"RF Measurement Devices for 5G - A Hands-on Approach"** in association with ISTE Faculty chapter and Elmack Engg Services from 14.02.2022 to 15.02.2022 for the Internal faculty members of ECE department. Mr.R.Kabilan, Senior Field Application Engineer, Elmack Engg Services, Chennai was the resource person for this FDP. Ten faculty members of ECE department attended this FDP and got benefitted. The resource person explained about the RF measurement devices Vector Network Analyzer, Vector Signal Generator, Spectrum Analyzer and a hands-on-session was also given to the faculty members. The programme was coordinated by the faculty in charges Mrs.G.Gnana Priya, AP(SG)/ECE and Mr.P.Venkatesh, AP/ECE under the guidance of convenor Dr.S.Periyayagi, Prof. & Head/ECE.

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Department of Electronics and Communication Engineering
In Association with
ISTE Faculty Chapter & Elmack Engg Services
Organizes a
Faculty Development Programme on
"RF Measurement Devices for 5G - A Hands-on-Approach"
(AICTE MODROB)

Elmack Engg Services 
Mr.R.KABILAN
Senior Field Application Engineer,
Elmack Engg Services,
Chennai.

14.02.2022
&
15.02.2022

Coordinators
Mrs.G.Gnana Priya, AP(SG)/ECE
Mr.P.Venkatesh, AP/ECE

Convenor
Dr.S.Periyayagi
HOD/ECE

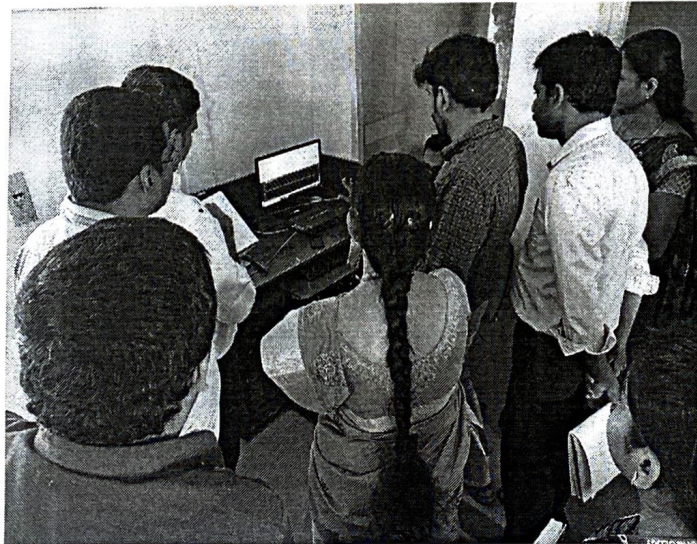
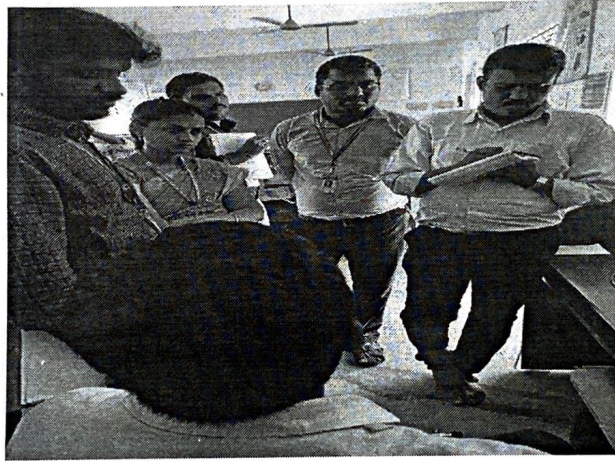
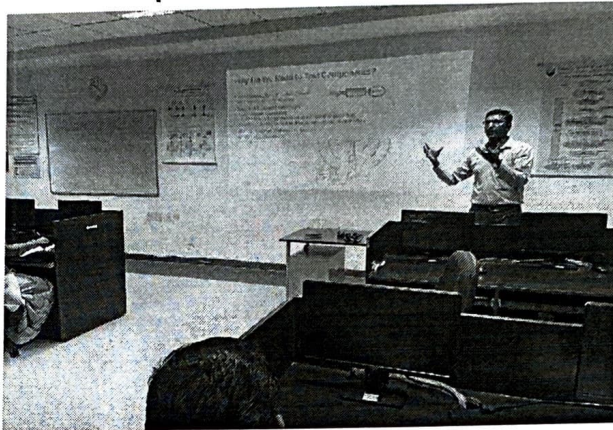
Chief Patron
Dr.L.Ganesan
Principal

Patron
Dr.S.Rajakarunakaran
Vice Principal


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Association Valedictory function of **"RIT-ELECTRONICA"** in Association with IETE
organized Guest Lecture on **"AI and Deep Learning Models"**-
05th August 2021.

Sample images of the FDP:




Prepared by


23/10/21
HOD/ECE