DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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COURSES OFFERED:
B.E- ELECTRICAL & ELECTRONICS ENGINEERING
M.E- EMBEDDED SYSTEM TECHNOLOGIES
PH.D/M.S(RESEARCH)

For More Updates:
https://linktr.ee/eee_srmeaswari

MESSAGE FROM THE HOD'S DESK

Hearty welcome and best wishes to all the individuals who receive this newsletter. It gives me great pleasure to present the third issue of "SPARKZ" for the academic year 2021-22. I cheer the students to work hard and put in their best efforts towards their technical endeavors so that it may yield prolific results. I would like to thank all my colleagues for their diligent efforts to help the department progress at a very steady rate of knots. We as a team strive hard to take the department to the height of success, glory and to achieve our vision.

VISION OF THE DEPARTMENT

To produce graduates with a foundation in Electrical and Electronics Engineering who can cater to the dynamic needs of the industry and provide a diverse and stimulating environment for quality research.

MISSION OF THE DEPARTMENT

M1. To align the teaching-learning process and to provide a basic foundation For the students to adapt to the changing industrial needs

M2. To enrich with the latest developments through seminars, guest lectures, workshop and paper presentations

M3. To awake young minds to acquire knowledge continuously and learn to apply it

M4. To attain multidisciplinary problem-solving skills, social awareness and confidence   required to excel in their chosen field

M5. To develop professional competency and technical expertise individually and through team effort thereby exhibit leadership in the industry

M6. To create a research-oriented mindset and focus on fulfilling the growing demands of society through mentoring and motivation

PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

1. Graduates will have fundamental and broad knowledge in Electrical Sciences relating to industrial applications and research to design, analyze and synthesize information from various sources and think differently to provide solutions to their discipline

2. Graduates will become entrepreneurs, employees of reputed organizations, pursue higher studies and research for developing advanced skills in Electrical and Electronics Engineering

3. Graduates will exhibit technical and intellectual competence and will be amenable for life-long learning

4. Graduates will demonstrate technical knowledge and ethical values for professional development to meet the societal needs

5. Graduates will be able to work in a multi-disciplinary environment by providing solutions to real-time problems.

Outreach Program

"Career guidance program for 11th & 12th Standard students" of Assissi Matriculation Higher Secondary School, Ramapuram, Chennai , on 04.04.2022

"Hands-on training in Arduino boards and demonstration of

high voltage transformer" for diploma students of

V.Ramakrishna Polytechnic College, Thiruvottiyur on 10.03.2022

STUDENTS UNDERGONE INTERNSHIP

2nd YEAR

SNO	Name	Semester	Name of the Company/Organisation
1	Ashwini A	IV	IPCS Global
2	Durga Devi M	IV	IPCS Global
3	Harshni R S	IV	IPCS Global
4	Kripa R	IV	IPCS Global
5	Manoj V	IV	BASE Automation Technologies
6	Pavatharani S	IV	IPCS Global
7	Priyanka G S	IV	IPC.S Global
8	Shafiq Imran S	IV	BASE Automation Technologies
9	Sujith Kumar R	IV	BASE Automation Technologies
10	VenkatSanjan B	IV	IPCS Global

11	Vignesh B	IV	IPCS Global
12	Balaji S	IV	IPCS Global
13	Dhruv K	IV	IPCS Global
14	Dinesh H	IV	IPCS Global
15	Hari Hara Sudhan S	IV	IPCS Global
16	Monadharshini.E	IV	IPCS Global
17	Ratheesh v	IV	IPCS Global
18	Steve Cornelius. S	IV	IPCS Global

3rd Year

S.No.	Student Name	Semester	Company Name
1	AAKASH B	V	National Small Industries Corporation
2	ABINASH P	V	Neyveli Lignite Corporation Limited (NLC)
3	ADITHYA KRISHNA S	v	National Small Industries Corporation
4	AJMAL RIFAYUDEEN M	V	Versatron Solutions

5	AKASH R	V	National Small Industries Corporation
6	ARJUN.S	V	National Small Industries Corporation
7	DHILIP CHERAN S	V	Venkateshwara Electrical Industries Private Limited
8	BARATHRAA J S	V	Neyveli Lignite Corporation Limited (NLC)
9	GOVIND PRADEEP K	V	Neyveli Lignite Corporation Limited (NLC)
10	HARISH V	V	National Small Industries Corporation
11	HARVINDHAN M	V	National Small Industries Corporation
12	HAZAARUDHEEN S	V	Neyveli Lignite Corporation Limited (NLC)
13	JAYANDERAN G	V	National Small Industries Corporation
14	JOSHI.J.R	V	National Small Industries Corporation
15	KARTHIK P WARRIER	V	National Small Industries Corporation
16	S.SANJAY	V	NSIC technical service centre, chennai
17	JAGADISH.T	V	NSIC Technical service centre, chennai
18	SRI HEMANTH A.K	V	NSIC technical service centre, chennai
19	VISHAL M.E	V	NSIC technical service centre, chennai
20	RANJITH R	V	NSIC technical service centre, chennai
21	HARIHARAN. S	V	NSIC technical service centre, Chennai

STUDENTS OFFERED PAID INTERNSHIP

S.No	Name	Name of the Industry	Stipend Amount	Duration
1	Chandru M	Cognizant	12000	6 Months
2	Duyavan M	Cognizant	12000	6 Months
3	Sriindhunesan M	Cognizant	12000	6 Months
4	Vishali K	cognizant	12000	6 Months
5	Kalki S	Revature	5000	6 Months
6	Yashawinee BV	Kaar Technologies	10000	6 Months
7	Mukesh Kumar R	Cognizant	12000	6 Months
8	Divya.S	Cognizant	12000	6 Months
9	Jaissri S	Urjanet Energy solutions	20000	12 Months
10	Harini B	Urjanet Energy solutions	20000	12 Months
11	Srinivasa NR	Mindtree	10000	3 Months
12	K. Monisha	JRA Analytics	19000	6 Months
13	W.Mohammad Azfar	Cognizant	12000	6 Months
14	Nandhini M	Cognizant	12000	6 Months
15	Sadhana S	Cognizant	12000	6 Months
16	Prashanth B	Zoho	15000	6 Months

17	Kavitha R	Cognizant	12000	6 Months
18	Mohammed Kaif	Caterpillar	20000	6 Months
19	S.Malini Preetha	Cognizant	12000	6 Months
20	Rakshana V	Hexaware	15000	6 Months
21	Ranjani S	Urjanet Energy solutions	20000	6 Months
22	Vinod Kumar R	Data patterns India Ltd	12000	6 Months
23	Hirthikraj R	ZOHO	15000	6 Months
24	Kausalya S	Cognizant	12000	6 Months
25	Evansea Tracy T	CSS CORP	10000	6 Months
26	Nitheesh.P	Data patterns India Ltd	12000	6 Months
27	Thirumaran K	Data patterns India Ltd	12000	6 Months
28	Mohammad Yakub Sikander	Raptee energy pvt	12000	6 Months
29	Jyothi Prakash SV	CTS Internship	12000	6 Months
30	Mohammed Kaif	Caterpillar	20000	4 Months
31	Sanjay Kumar E	Urjanet Energy solutions	20000	4 Months
32	Sneha R	Urjanet Energy solutions	20000	4 Months

| 33 | Muhamed Rizwaan A R | Urjanet Energy solutions | 20000 | 4 Months |
| 34 | Jagath S | Fujitech India Pvt Ltd | 12000 | 6 Months |

<p style="text-align:center; color:red">M.E Embedded System Technologies</p>

S.No	Name	Name of the Industry	Stipend Amount	Duration
1	Rubeen Bula	Tata Elxsi	15000	6 Months

CLUB ACTIVITIES

ENERGY CLUB

ELECTRIC VEHICLE CLUB

FOSS CLUB

Math Bricks'22 - A Technical Quiz Competition was conducted for higher secondary school students in fundamentals of Mathematics on 30/04/2022 by Department of Electrical and Electronics Engineering, Easwari Engineering College. We received 87 students registration for this Quiz competition. Among them, 56 students are from 12th standard and 31 students from 11th standard. 79 students actively participated in the Quiz competition from various schools and got benefitted. 71 students have obtained 75% and above score.

The FOSS CLUB organized a virtual training session on PADS- A PCB DESIGN SOFTWARE

28th MAY 2022.

Speaker -Mr.K.Thirumaran ,IV/EEE

JOURNAL CLUB	**CENTRE FOR EXCELLENCE IN RENEWABLE ENERGY RESEARCH**	**ELECTRONICS HOBBY CLUB**
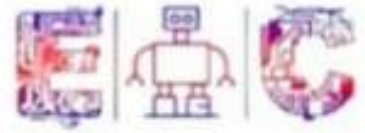
Department of Electrical and Electronics Engineering , Easwari Engineering College (Autonomous) and IEEE student branch-EEC cordially organized a Webinar on "Artificial Intelligence and Machine Learning in Electrical Applications" on 28.05.2022. the session was handled by Mr.Vignesh Kumar Gunesekar, Director,
Skillora Labs and Technologies Pvt Ltd, Chennai.

EEE Department students won second place in Project display at TRP Engineering College TRICHY.
The Project Title was Identification and prevention of Preeclampsia for Pregnant women at risk.

Third year EEE Students completed their minor project work for the subject Hybrid Electric Vehicles.	The SEEE (THE SOCIETY OF ELECTRICAL AND ELECTRONICS ENGINEERS) was inaugurated on 27.05.22. Mr. Visakh MT Territory Manager Lubes Direct, Bharat Petroleum Corporation Limited, Chennai was the guest speaker.
Students have done 3 apps for EVs application and 11 hardware projects to demonstrate EV charging, BMS, Regenerative system and Vehicle to vehicle and vehicle to Charging station communication.	
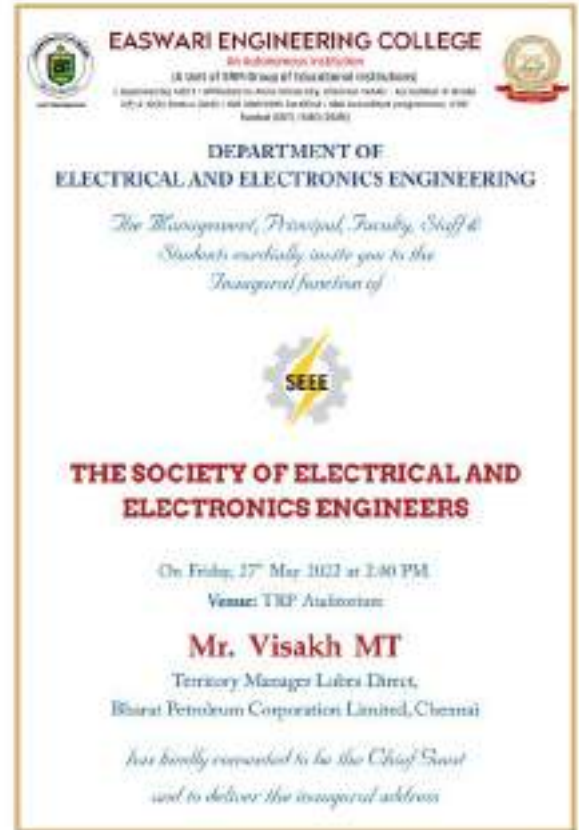
Students Activities

EEE Students have won Rs.5000 prize in the IEEE project contest conducted by IEEE Madras section at B.M. Birla Planetarium, Chennai on 23.4.2022.

PLACEMENT DETAILS

We congratulate the following students who have been selected by various companies.

Placement Details 2021-2022

Name of the Company	No of offers received
ACCENTURE	4
ATOS GLOBAL	6
BOTREE SOFTWARE	1
CTS GENC ELEVATE	15
CSS CORP	2
DATA PATTERNS	3
ELAIT IT TECHNOLOGIES	1
ETHNUS	2
FUJITECH INDIA PVT LTD	1
HCL TECHNOLOGIES	3
HEXAWARE	1
KAAR TECHNOLOGIES	1
INSPIRISYS	1
INFOSYS	1
JRA ANALYTICS	1

LATENTVIEW	1
MUSIGMA	1
MAVERIC SYSTEMS	1
MIND TREE	1
NETCON TECHNOLOGIES INDIA PVT. LTD	1
ORANGESCAPE	1
OLA ELECTRIC TECHNOLOGIES PVT. LTD.	1
PRODAPT	9
PINNACLE INFOTECH SOLUTIONS	4
REVATURE	1
RAPTEE ENERGY PVT. LTD	1
SUTHERLAND	1
TATA ELXSI	13
THEMATHCOMPANY PRIVATE LIMITED	1
TCS NINJA	9
URJANET SOLUTIONS PVT LTD	6
VOLTECH ENGINEERS PVT LTD	6

	WILEY MTHREE	1
	WIPRO	10
	ZOHO CORPORATION	2
	ROBERT BOSCH	5
	Total Offers	**119**

B.E- ELECTRICAL & ELECTRONICS ENGINEERING

S.No	Name of the students	Name of the company
1	HARINI.B	URJANET SOLUTIONS PVT LTD
2	RANJANI.S	URJANET SOLUTIONS PVT LTD
3	JAISSRI S	URJANET SOLUTIONS PVT LTD
4	YASHANIEE B V	KAAR TECHNOLOGY
5	MOHMED YAKUB SIKANDER	RAPTEE ENERGY PVT. LTD
6	SRINIVASA.N.R.	TCS NINJA
7	SWETHA.R	TCS NINJA
8	HIRTHIKRAJ.R	ZOHO CORPORATION
9	CHANDRU.M	CTS GENC ELEVATE
10	PRIYADHARSHINI R	MU SIGMA

11	KANDHAN.M	TCS NINJA
12	PRASHANTH.B	TCS NINJA
13	KEERTHIKA S	PRODAPT
14	MANIMARAN R	PRODAPT
15	MOHAMMAD AZFAR.W	PRODAPT
16	MOHAMED KAIF	PRODAPT
17	PRIYADHARSHINI D	PRODAPT
18	RAKSHANA V	PRODAPT
19	SADHANA.S	PRODAPT
20	SIDDHARRTH K	PRODAPT
21	SRIINDHUNESAN.M	PRODAPT
22	CHANDRU.M	WIPRO
23	KOWSICK.N	WIPRO
24	MOHAMMAD AZFAR.W	WIPRO
25	MUKESH KUMAR R	WIPRO
26	NANDHINI.M	WIPRO
27	NITHEESH.P	WIPRO

28	PRASHANTH.B	WIPRO
29	PRIYADHARSHINI D	WIPRO
30	SANJEEV KUMARR. R	WIPRO
31	SIDDHARRTH K	WIPRO
32	DIVYA.S	GENC
33	DUYAVAN.M	GENC
34	JYOTHI PRAKASH	GENC
35	KAUSALYA.S	GENC
36	KAVITHA.R	GENC
37	MALINI PREETHA S	GENC
38	MOHAMMAD AZFAR.W	GENC
39	MUKESH KUMAR R	GENC
40	NANDHINI.M	GENC
41	PRASHANTH.B	GENC
42	SADHANA.S	GENC
43	SHREEJA.R	GENC
44	SRIINDHUNESAN.M	GENC
45	VISHALI.K.	GENC

46	PRASHANTH.B	ACCENTURE
47	PRIYADHARSHINI R	ACCENTURE
48	SHREENITHI V	ACCENTURE
49	SRIINDHUNESAN.M	ACCENTURE
50	RAKSHANA V	HEXAWARE TECHNOLOGIES
51	PRAVEEN KUMAR A	TCS NINJA
52	HARI PRASATH.M	TCS NINJA
53	AMUDHA M	ATOS GLOBAL
54	CELESTIN JACOB	ATOS GLOBAL
55	DHANASEKAR.J.N	ATOS GLOBAL
56	INDHUJA.K.S	ATOS GLOBAL
57	SHALINI.B	ATOS GLOBAL
58	SRI RAJA SUMAN R	ATOS GLOBAL
59	NITHEESH.P	DATA PATTERNS
60	THIRUMARAN K	DATA PATTERNS
61	VINOD KUMAR. R	DATA PATTERNS
62	EVANSEA TRACY T	CSS CORP

63	KEERTHANA.K	LATENTVIEW ANALYTICS
64	MAHESHWARAN.M	MAVERIC SYSTEMS
65	SRIKUMARESH B	ELAIT IT TECHNOLOGIES
66	ABITHA.K	PRODAPT
67	GURUSARAN.S	PRODAPT
68	SAI DEEPAK P V	WILEY MTHREE
69	SAI DEEPAK P V	TATA ELXSI
70	KALKI.S.	REVATURE
71	MONISHA K	JRA ANALYTICS
72	PAVITHRA.M	CSS CORP
73	CELESTIN JACOB	THEMATHCOMPANY PRIVATE LIMITED
74	NAVEEN .S	HCL TECHNOLOGIES
75	YASHIK.S.S	HCL TECHNOLOGIES
76	ABHISHEK DHEEVEN T	BOTREE SOFTWARE
77	PRASHANTH.B	ZOHO CORPORATION
78	SRINIVASA.N.R.	MIND TREE
79	KEERTHANA.R	HCL TECHNOLOGIES
80	SAI DEEPAK P V	ORANGESCAPE

81	MABROOK AJMAL.S	INSPIRISYS
82	SNEHA R	SUTHERLAND
83	HARISH.K	NETCON TECHNOLOGIES INDIA PVT. LTD
84	SNEHA R	ETHNUS
85	SHALINI.R	ETHNUS
86	SAI DEEPAK P V	INFOSYS
87	SANJAY KUMAR E	URJANET
88	SNEHA R	URJANET
89	MUHAMED RIZWAAN A R	URJANET
90	AMUDHA M	OLA ELECTRIC TECHNOLOGIES PVT. LTD.
91	JAGATH S	FUJITECH INDIA PVT LTD
92	SURIYA RABERT	VOLTECH ENGINEERS PVT LTD
93	MOHAMED IBRAHIM I	VOLTECH ENGINEERS PVT LTD
94	DHANUSH A	VOLTECH ENGINEERS PVT LTD
95	LOGESHWARAN C	VOLTECH ENGINEERS PVT LTD
96	GOKUL R	VOLTECH ENGINEERS PVT LTD
97	DINESH.K	VOLTECH ENGINEERS PVT LTD

98	DHANUSH A	PINNACLE INFOTECH SOLUTIONS
99	SARAVANAN A	PINNACLE INFOTECH SOLUTIONS
100	NAVEEN .S	PINNACLE INFOTECH SOLUTIONS
101	DINESH.K	PINNACLE INFOTECH SOLUTIONS
102	NITHEESH.P	TATA ELXSI
103	SNEHA R	TATA ELXSI
104	SHALINI.R	TATA ELXSI
105	SANJEEV KUMARR. R	TATA ELXSI
106	SRIKUMARESH B	TATA ELXSI
107	PRAVEEN KUMAR A	TATA ELXSI
108	MABROOK AJMAL.S	TATA ELXSI
109	HEMA PRASAD.C	TATA ELXSI
110	MUKESH KUMAR R	TATA ELXSI
111	YASHIK S S	ROBERT BOSCH
112	MANIMARAN R	ROBERT BOSCH
113	NITHEESH P	ROBERT BOSCH
114	SANJEEV KUMAR	ROBERT BOSCH

115	SRI RAJA SUMAN R	ROBERT BOSCH
Total offers for UG		115

M.E- EMBEDDED SYSTEM TECHNOLOGIES

1	RUBEENA BEULA C	TATA ELXSI
2	DHIVYA DHARSAHANA	TCS NINJA
3	JAYALAKSHMI H	TATA ELXSI
4	RINSHY ANNIE VARUGHESE	TATA ELXSI
Total offers for PG		**4**

NPTEL COURSES

S.No	Photo	Name	Designation	Course	Certification
1		Dr. K. Mala	Associate Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite + Gold (Topper 1%)
2		Dr. D. Fathema Farzana	Assistant Professor (S. Grade)	NBA Accreditation and Teaching and Learning in Engineering	Elite + Silver (Topper 5%)
3		Mrs. D. Chandrakala	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite + Silver
4		Mrs. K. A. Indusailaja	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite + Silver
5		Dr. R. Karpagam	Associate Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite
6		Dr. P. Marish Kumar	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite

S.No	Photo	Name	Designation	Course	Certification
7		Mrs. N. Priya	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite
8		Mrs. J. Lydia	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite
9		Mr. T. Kesavan	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite
10		Dr. C. R. Raghavendran	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Elite
11		Dr. K. V. Thilagar	Assistant Professor	NBA Accreditation and Teaching and Learning in Engineering	Successfully completed

Congratulations to the following students for the successful completion of NPTEL course in Even Semester 2021 – 2022.

S.No	Photo	Name	Year/Sem/Sec	Course	Certification

No.	Photo	Name	Year/Sem/Sec	Course	Grade
1.		**Kavipriyan. J**	**III/ VI/ B**	**Ethical Hacking**	**Elite +Silver**
2.		**Naveen. G**	**III/ VI/ B**	**Ethical Hacking**	**Elite +Silver**
3.		**Muralidhar. P**	**II/ IV**	**Fuzzt sets, logic and systems &Applications**	**Elite + Silver**
4.		**Gokul. A**	**II/ IV**	**Cloud Computing**	**Elite + Silver**
5.		**Jeevapandiyan. S**	**II/ IV**	**Cloud Computing**	**Elite + Silver**
6.		**Barathraaj. S**	**III/ VI/ A**	**Introduction to industry 4.0 and Industrial Internet of Things**	**Elite**
7.		**Jeyanthi Yegammai. S**	**III/ VI/ A**	**Introduction to industry 4.0 and Industrial Internet of Things**	**Elite**
8.		**Sudipth Ajithesh. S**	**III/ VI/ B**	**Cloud Computing**	**Elite**

No.		Name	Year/Sem	Course	Category
9.		Surya. V	I/ II	Electric Vehicles Part - 1	Elite
10		Muthukumar. R	III/ VI/ B	Cloud Computing	Elite
11		Govind Pradeep. K	III/ VI/ A	Introduction to industry 4.0 and Industrial Internet of Things	Elite
12		Jayanderan. G	III/ VI/ A	Introduction to industry 4.0 and Industrial Internet of Things	Elite
13		Pranavakumar. J	III/ VI/ B	Introduction to industry 4.0 and Industrial Internet of Things	Elite
14		Abhinav. A. E	II/ IV	Cloud Computing	Elite
15		Priyanka. S	II/ IV	Introduction to Internet of Things	Elite
16		Manikandan. G	III/ VI/ B	Cloud Computing	Elite

17		DhilipCheran. S	III/ VI/ A	Cloud Computing	Elite
18		Vikas. V	II/ IV	Cloud Computing	Elite
19		Dilli kumaran. M	III/ VI/ A	Introduction to industry 4.0 and Industrial Internet of Things	Elite
20		Karthik. P. Warrior	III/ VI/ A	Introduction to industry 4.0 and Industrial Internet of Things	Elite
21		Raja Achudhan. S. V	III/ VI/ B	Introduction to Internet of Things	Elite
22		Sahana. A. M	III/ VI/ B	Fuzzt sets, logic and systems &Applications	Elite
23		Ashwini. A	II/ IV	Introduction to Internet of Things	Successfully completed.
24		Abinash. P	III/ VI/ A	Introduction to Internet of Things	Successfully completed.
25		Mohammed Saeed. S	III/ VI/ B	Ethical Hacking	Successfully completed.

| 26		Pavatharani. S	II/ IV	Introduction to Internet of Things	Successfully completed.
27		Selvaganesh. R	III/ VI/ B	Introduction to Internet of Things	Successfully completed.
28		Thanyaa. X	III/ VI/ B	Introduction to Internet of Things	Successfully completed.
29		Visvaraj. S	II/ IV/ B	Introduction to Internet of Things	Successfully completed.
30		Ajay. G	III/ VI/ A	Introduction to Internet of Things	Successfully completed.
31		Sasindhan. D	III/ VI/ B	Introduction to Internet of Things	Successfully completed.
32		Solomonraja. R	III/ VI/ B	Introduction to Internet of Things	Successfully completed.
33		Logaprasad. T	III/ VI/ B	Introduction to industry 4.0 and Industrial Internet of Things	Successfully completed.

| 34 | | Surya. V | I/II | Electric Vehicles Part I | Elite |

GALLERY

POEM & PAINTING
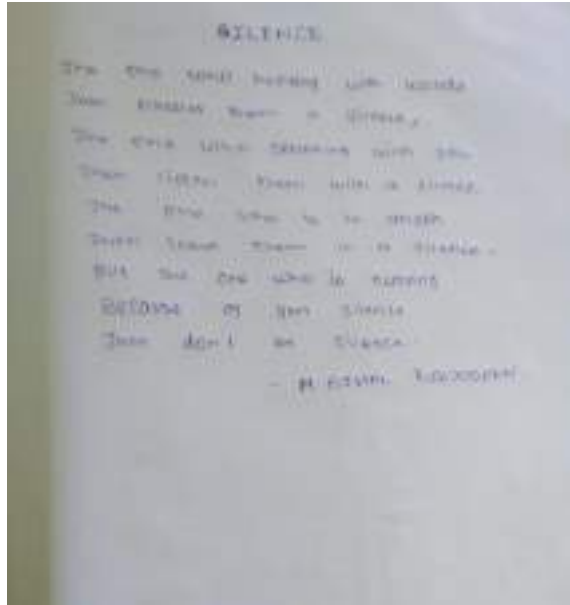
Ajmal Rifayudeen
EEE, 3rd year - A Section.

MUTHU KUMAR. R

EEE, 3rd year,B section

Dr.Raghavendran C R/AP/EEE
Easwari Engineering College

ACHIEVEMENTS

Sathya Madesh of EEE III B participated on the Men's Singles Badminton Tournament conducted at D-Square Badminton Academy, Vandalur and secured 3rd place.