Dhirajlal Gandhi College of Technology

Department of Electrical and Electronics Engineering

News Letter
(July 2023 – May 2024)

Department of Electrical and Electronics Engineering

**Chairman:
Shri. Manoj kumar
Dhirajlal**

**Secretary :
Smt.Archana
Manojkumar**

**Principal:
Dr.A.Selvaraj**

**HOD/EEE :
Dr. P.Selvakumar, M.E., Ph.D**

Prepared by

Ms. SOWMYA A K AP/EEE

Department of Electrical and Electronics Engineering

The objective of the EEE department is to foster the students to cultivate academic integrity with professional and social responsibility to meet the exponentially growing requirement of practical design engineers in the country and abroad. The department has highly qualified, experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education with high emphasis of electronics design aspects and to bring out quality research experience to the students in order to help them excel in current competitive scenario. The mission of the department is to impart quality education to the students, an education that includes the skills of innovation, problem solving, consensus-building and those of entrepreneurship, so that they meet the challenging requirements of the global market with competence in ethical and moral reasoning.

Vision

Department of Electrical and Electronics Engineering intend to establish a proficient hub to develop highly competent Electrical Engineers with effective teaching learning process to meet the rapidly transforming technical scenario.

Mission

- To engender outstanding electrical technocrats for industry demand by research and industry collaboration.

- To equip the students with technical knowledge in critical problem solving and analytical skills.

- To train the students with interpersonal communication, ethical teamwork and time management

1.CURRICULAR ASPECTS

GUEST LECTURE
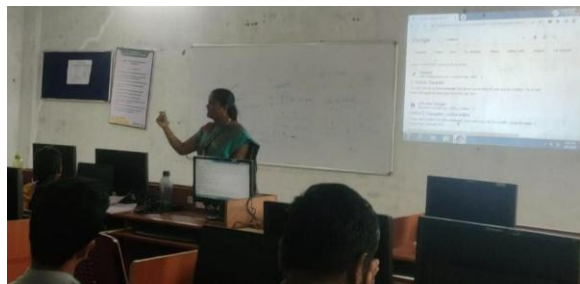
Prof.NARMADA,HOD/IT conducted three days guest lecture on PROGRAMMING USING C LANGUAGE for final year students at Simulation Lab

BRIDGE COURSE INTERACTION

Prof.N.Thillakarasi & Mr.T.Jayabharathi Interacted in the bridge course session on 12.07.2024

HACKATHON

Third-year student Dharani participated in the ITRIX HACKATHON on 19/04/2024 at CEG campus,Chennai

INDUSTRIAL VISIT

II Year & III year students visited 1 MW solar plant at Cuddalore and ISRO,Kerala

2.TEACHING-LEARNING AND EVALUATION

Anna University Exam Results Consolidate - NOV/DEC 2023 (After Revaluation)

Sl. No	Year	Sem	Before Revaluation			After Revaluation		
			No.of Students Registered	No.of Students Passed	Pass%	No.of Students Registered	No.of Students Passed	Pass %
1	IV-EEE	VII Sem	58	29	50	58	33	**56.89**
2	III-EEE	V Sem	29	14	48.27	29	15	**51.72**
3	II-EEE	III Sem	50	14	28	50	14	**28**
4	I-EEE	I Sem	47	6	12.76	47	6	**12.76**
Total / Pass Percentage			**184**	**63**	**34.23%**	**184**	**68**	**37.34%**

3.RESEARCH, INNOVATION AND EXTENSION

JOURNAL:

S. No	Name of the Staff with designation	Title of the Programme	Conducted By	Period
1.	Dr.P.Selvakumar,AP/EEE	International journal on" An IOT based domestic water supply monitoring and theft identification system"	IJRASET	February 2024
		International journal on "artificial intelligence-powered electric vehicle battery management system with IOT"	International journal for research trends and innovation	July 2023
2.	Dr.N.Thillakarasi,Prof/EEE	International journal on" An IOT based domestic water supply monitoring and theft identification system"	IJRASET	February 2024
3.	Ms.R.Manjupriya,AP/EEE	International journal on" An IOT based smart health monitoring system using ESP32	Journal of Emerging Technologies and Innovative Research	February 2024
		International journal on "artificial intelligence-powered electric vehicle battery management system with IOT"	International journal for research trends and innovation	July 2023
		International journal on" System for supporting children with austism spectrum disorder based on deep learning techniques"	Vellore Institute of Technology	February 2024
		International conference & journal on" An IOT based smart health monitoring system using ESP8266	Dhaanish Ahmed Institute of Technology	06.04.2024
		International journal on" An IOT based domestic water supply monitoring and theft identification system"	IJRASET	February 2024
4	Ms.M.Suguna,AP/EEE	International journal on" An IOT based domestic water supply monitoring and theft identification system"	IJRASET	February 2024

5	Ms.N.Mekala,AP/EEE	International journal on" An IOT based domestic water supply monitoring and theft identification system"	IJRASET	February 2024
6	Ms.A.K.Sowmya,AP/EEE	International journal on" An IOT based smart health monitoring system using ESP32"	Journal of Emerging Technologies and Innovative Research	February 2024
		International journal on "artificial intelligence-powered electric vehicle battery management system with IOT"	International journal for research trends and innovation	July 2023
		International conference & journal on" An IOT based smart health monitoring system using ESP8266	Dhaanish Ahmed Institute of Technology	06.04.2024
7	Mr.T.Jayabharathi,AP/EEE	International journal on" An IOT based smart health monitoring system using ESP32"	Journal of Emerging Technologies and Innovative Research	February 2024
		International journal on "artificial intelligence-powered electric vehicle battery management system with IOT"	International journal for research trends and innovation	July 2023
8	Dr.R.Manikandan,AP/EEE	International journal on "artificial intelligence-powered electric vehicle battery management system with IOT"	International journal for research trends and innovation	July 2023

Academic Year 2023-2024

Faculty Competency Development [June 2023 to May 2024]

S.No	Name of the Staff with designation	Title of the Programme	Venue	Period
1.	Dr.N.Thillakarasi,AP/EEE	Five days FDP on" the art ofresearch"	Chaitanya Bharathi institute of technology	02.04.2024 To 06.04.2024
2	Ms.R.Manjupriya , AP/EEE	Two days FDP on " EvaluationStrategies &Classroom Management Skills"	Michael Job MemorialCollege of Education	05.02.2024 To 06.02.2024
		One day webinar on "Introduction to data science"	Chalapathi Institute of Technology	10.08.2023
		Five days FDP on"Hands –on sessions and Excerpts based on IoTApplications"	Vellore Institute of Technology	18.12.2023 To 22.12.2023
		Ten days FDP on" A Step-by-StepGuide to write a Good Research Paper	MKES Khandwala College-Mumbai	30.01.2024 To 08.02.2024
		5 Days STTP on" life skills management& innovative trainingstretegies"	NIT,nagaland	04.03.2024 To 08.03.2024
		One week FDP on " Recent trends in artificial intelligence and machine learning	Kavery Engineering College	04.03.2024 To 09.03.2024
		One day seminar on" vehicle to grid technology"	Velalar College of Engineering & Technology	08.01.2024
		One week certificate course on" chip design &FGPA system design"	Indian society for VLSI education	05.02.2024 To 09.02.2024
		Five days FDP on" the art of research"	Chaitanya Bharathi institute of technology	02.04.2024 To 06.04.2024
		One day seminar on "artificial intelligence and is applications"	Chalapathi Institute of Technology	21.07.2023

3	Dr.R.Manikandan, AP/EEE	Six days FDP on "iot concepts and its applications"	AL Ameen Engineering College	29.01.2024 To 03.02.2024
4	Ms.M.Suguna,AP/EEE	Two days seminar on "Blockchain-Assisted IOT based Geospatial Web Service for smart healthcare system"	Muthyammal Engineering College	29.01.2024 To 30.01.2024
		Two days mentor training programme on"Bureau of Indian Standards"	Coimbatore	07.03.2024 To 08.03.2024
		Five days FDP on"Challenges and opportunity in electric vehicle"	K.S.R college of Engineering	09.10.2023 To 14.10.2023
5	Ms.N.Mekala, AP/EEE	One day webinar on "Best preparation & practices for improving NIRF in higher educational institutions"	Rishihood University	29.01.2024
6	Ms.A.K.Sowmya,AP/EEE	Two days FDP on " Evaluation Strategies &Classroom Management Skills"	Michael Job Memorial College of Education	05.02.2024 To 06.02.2024
		Five days FDP on"Hands –on sessions and Excerpts based on IoT Applications"	Vellore Institute of Technology	18.12.2023 To 22.12.2023
		5 Days STTP on" life skills management& innovative training stretegies"	NIT,nagaland	04.03.2024 To 08.03.2024
		One day seminar on "artificial intelligence and is applications"	Chalapathi Institute of Technology	21.07.2023
		One day webinar on "Introduction to data science"	Chalapathi Institute of Technology	10.08.2023
7	Ms.S.Revathi,AP/Maths	Five days FDP on" Exploring real- world applications in mathematics"	VELS Institute of Science,Technology	22.04.2024 To 26.04.2024
8	Mr.T.Jayabharathi,AP/EEE	One day seminar on "artificial intelligence and is applications"	Chalapathi Institute of Technology	21.07.2023

AWARDS

The topper among the first-year students at Anna University was appreciated and motivated on July 13, 2023.

Dr.N.Thillakarasi,Prof/EEE got outstanding contribution award in JCI on 30.03.2024

Energy conservation day is celebrated on 12.12.2023 in Dhiraj multipurpose hall. Ms.V.Priyadharsini (II year) got second prizes and Dr.R.Manikandan, AP/EEE got appreciation award from from IIE,Salem

NSS Student List (Department wise):

S.No	Year of Study	Name of the Student
1	II-EEE	BHARANIDHARAN. S
2	II-EEE	DEEPIKA .S
3	II-EEE	MONIKA. K
4	II-EEE	SOBIYA. S
5	I-EEE	MUKESHKANNAN.A
6	I-EEE	GURU PRASATH.S
7	I-EEE	KARTHIKEYAN.S

4. INFRASTUCTURE

Centre Of Embedded System And IOT

We received IOT kits from Prime tech Chennai and this lab can be completely utilized by the EEE and ECE departments.
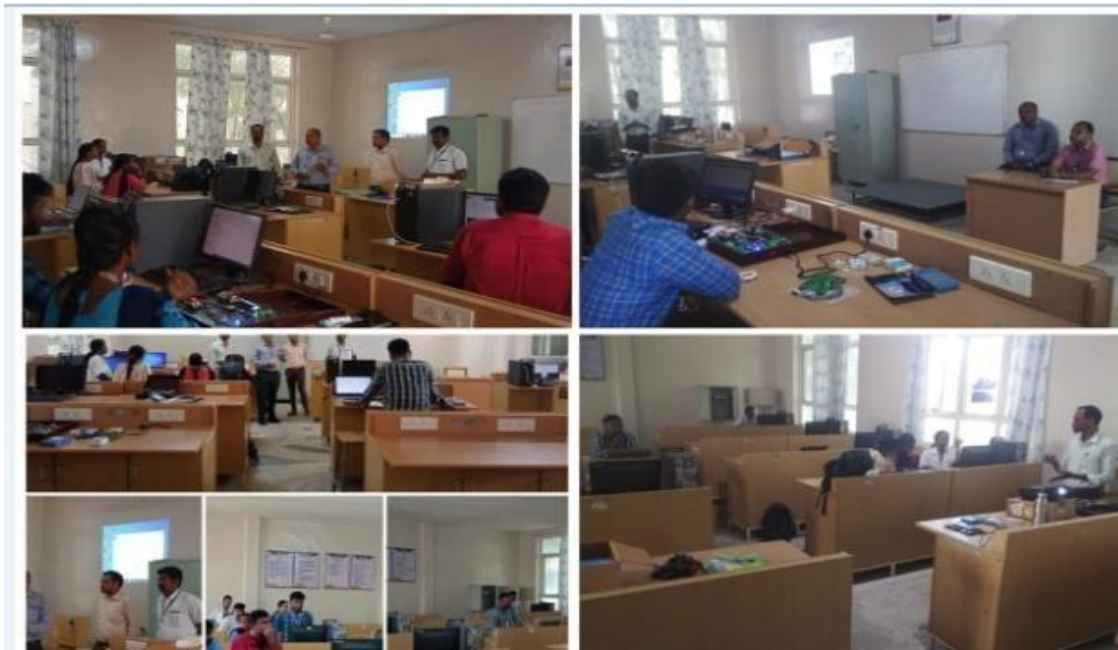
5.STUDENT SUPPORT AND PROGRESSION

PLACEMENT AWARENESS

The placement training meeting for third year students, conducted by Mr.Parthasarathy.HOD/AIDS was held at the AC Seminar hall on 23-01-2024.

PLACEMENT GLIMPSE:

NAKSHATRA 2024

The Nakshatra 2024 was celebrated at DGCT campus on JAN 13,2024.

SCYPEE(TECHNICAL EVENT)
APRIL 5,2024

CULTURAL DAY(April 7th,2024)

Achievements of Students in Co-Curricular 2023-24

S. No	Student Name	Year	Date	Title of the Program	College Name	Presented/ Participated /Awarded
1	Iniya V	III	03.05.23	Paper Presentation	GCT,SALEM	Participated
2	Achchaya P	III	3.05.23	Paper Presentation	GCT,SALEM	Participated
3	Iniya V	III	14.06.23-30.06.23	Internship	IPCS, GLOBAL	Participated
4	Achchaya P	III	14.06.23-30.06.23	Internship	IPCS, GLOBAL	Participated
5	Nandhini K R	III	06.10.23	Workshop	KSR, Namakkal	Participated
6	Dharani B	III	06.10.23	Workshop	KSR, Namakkal	Participated
7	Iniya V	III	06.10.23	Workshop	KSR, Namakkal	Participated
8	Jahalkanth S	IV	21.09.23	Project Presentation	World Youth Federation, Dr.Kalam Award	Participated
9	Sujith V P	IV	21.09.23	Project Presentation	World Youth Federation, Dr.Kalam Award	Participated
10	Boopathy Raja A	III	21.09.23	Project Presentation	World Youth Federation, Dr.Kalam Award	Participated
11	Kaviyarasu K	III	21.09.23	Project Presentation	World Youth Federation, Dr.Kalam Award	Participated
12	Devendhiren R	III	21.09.23	Project Presentation	World Youth Federation, Dr.Kalam Award	Participated
13	Aridas K	III	21.09.23	Project Presentation	World Youth Federation, Dr.Kalam Award	Participated

ALUMNI MEET

Alumni meet is conducted on 25.02.2024 for passed out 2019 & 2020 students. More than 200 students participated in Fun Games, Dance and Singing. And shared about their working experience.

ACHIEVERS DAY 2024

AWARD WINNERS

1.   ACADEMIC EXCELLENCE:

Year of Study	Name of the Student	Photo of the Student	Award Place
IV	OBU KIRUTHIKA.K.S		First(8.69)
III	ABINAYA.M		First(8.05)
II	MOHAMED BAJASKHAN.M		First(8.9)

| I | GURU PRASATH.S | | First(9.23) |

Year of Study	Name of the Student	Photo of the Student	Award Place
IV	MANIKANDAN.G		Second (8.66)
III	CHANDRU.N		Secod (8.01)
II	SOBIYA.S		Second (8.08)

I	**ARAVIND.S**		**Second (7.21)**
Year of Study	**Name of the Student**	**Photo of the Student**	**Award Place**
IV	**MADHUMITHA.T.K**		**Third (8.54)**
III	**AISHWARYA.B.M**		**Third (7.9)**

II	POOVARASAN.D		Third (7.84)
I	KARTHIKEYAN.S		Third (6.65)

1. **BEST OUTGOING – BOY:**

Year of Study	Name of the Student	Photo of the Student	Achievements
IV	MANIRATHINAM.M		➢ **Participated & Won prize in Paper presentation, project presentation, contests, Internship, club activities.** ➢ **CGPA =8.28** ➢ **Working in UNITED SOFT TECH**

2. **BEST OUTGOING – GIRL:**

Year of Study	Name of the Student	Photo of the Student	Achievements
IV	YAAZHINI.M		➤ **Participated & Won prize in Paper presentation, project presentation, contests, Internship, club activities.** ➤ **CGPA = 8.17** ➤ **Working in NCR** ➤ **Secretary of department association SKYPEE** ➤ **Placed in CRI pumps, SALS & NCR**

3. **BEST PLACEMENT AWARD FOR HIGHEST OFFER – BOY:**

Year of Study	Name of the Student	Photo of the Student	No. of Offers
IV-BOY	MANIKANDAN.G		➤ **CRI PUMPS** ➤ **NCR** ➤ **SALS**

4. BEST PLACEMENT AWARD FOR HIGHEST OFFER – GIRL:

Year of Study	Name of the Student	Photo of the Student	No. of Offers
IV-GIRL	KAVIYA.A.K		➢ QSPIDERS ➢ NCR ➢ SALS

5. BEST PLACEMENT AWARD FOR BEST PACKAGE – BOY:

Year of Study	Name of the Student	Photo of the Student	No. of Offers
IV-BOY	THAMARAIVASAN.S		➢ TESSOLVE LPA – 4.0

6. BEST PLACEMENT AWARD FOR BEST PACKAGE – GIRL:

Year of Study	Name of the Student	Photo of the Student	No. of Offers
IV-GIRL	MADHUMITHA.T.K		➢ DATA PATTERN LPA- 4.2

7.JAPANESE LANGUAGE ACHIEVERS (CSE & ECE):

Year of Study	Name of the Student	Photo of the Student	Achievement
IV	NIL	NIL	NIL

8.Co-Curricular Activities Achievers:

Year of Study	Name of the Student	Photo of the Student	Achievements
IV	RANJITHKUMAR.M		➢ Paper presentation ➢ contests ➢ Internship

IV	PADMAPRIYA.R			➢ **Paper presentation** ➢ **Quiz**
III	KAVIYARASU.K			➢ **Paper presentation** ➢ **Project expo** ➢ **workshop** ➢ **Internship**
III	INIYA.V			➢ **Paper presentation** ➢ **Project expo** ➢ **Hackathon** ➢ **Technical Quiz** ➢ **Workshop** ➢ **Internship**

II	YOKESH.M			➢ **Paper presentation** ➢ **Technical Quiz**
II	VIHA SHREE.J			➢ **Paper presentation** ➢ **Technical Quiz**
I	MUKESH KANNAN.A			➢ **Paper presentation** ➢ **Project expo** ➢ **Rapid fire**

I	HARISHKUMAR.R		➢ **Paper presentation** ➢ **Project expo** ➢ **Hackathon** ➢ **Technical Quiz**

9.Extra-Curricular Activities Achievers:

Year of Study	Name of the Student	Photo of the Student	Achievements
IV	SUDHARSHUN.K		**Winner of Athletics** ➢ **400Mts Hurdles** ➢ **4X100 Mts Relay**
IV	NANDHINI.S		**Winner of Athletics** ➢ **100Mts Dash**

III	DEVENDHIRAN.R		➢ Gramata ➢ Winner of Photography
III	DHARANI.B		➢ Winner of DGCT Bazaar
II	KABILAN.V		➢ Winner of Drawing
II	PRIYADHARSHINI.V		➢ Winner of Rangoli

I	DHANASEKAR.G		➢ **Winner of Treasure hunt** ➢ **Winner of Non-Technical Quiz**
I	YUVARAJ.B		➢ **Balloon Blasting**

10.Special Award(Startup/Social Media/GATE/Karate etc.,):

Year of Study	Name of the Student	Photo of the Student	Achievements
IV	SOBITHA.S		➤ **PROJECT EXPO IN VETRI PADIYIL NAAN MUTHALVAN**
IV	PARKAVI.R		➤ **GATE 2024 SCORE : 17**
IV	MADHUMITHA.T.K		➤ **GATE 2024 SCORE : 10**

IV	JEEVITHA.R		➢ GATE 2024 SCORE : 8.33
IV	BARANEESWARAN.S		➢ DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.
IV	KAMALESHWARAN.G		➢ DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.
IV	MANIRATHINAM.M		➢ DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.

IV	MANIKANDAN.G		➢ DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.
IV	RAGUL.S		➢ DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.
IV	SARATHI.M		➢ DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.

IV	THANGAMANI.S		➢ **DONE ENERGY AUDIT IN GOVERNMENT HOSPITAL AT OMALUR.**
III	DHARANI.B		➢ **WINNER OF HACKTHON 24 "STRATEGIES FOR PREVENTION OF FOREST FIRE"**

11.NSS Student List (Department wise):

S.No	Year of Study	Name of the Student
1	II-EEE	BHARANIDHARAN. S
2	II-EEE	DEEPIKA .S
3	II-EEE	MONIKA. K
4	II-EEE	SOBIYA. S
5	I-EEE	MUKESHKANNAN.A
6	I-EEE	GURU PRASATH.S
7	I-EEE	KARTHIKEYAN.S

12.Naan Mudhalvan Nandi (Department wise):

S.No	Year of Study	Name of the Student	Achievement
1	IV-EEE	M.Harishankar	NM-Nandi
2	IV-EEE	A.K.Kaviya	NM-Nandi
3	IV-EEE	K.S.Obu krithika	NM-Nandi
4	IV-EEE	M.Yaazhini	NM-Nandi
5	IV-EEE	R.Jeevitha	NM-Nandi
6	IV-EEE	R.Padmapriya	NM-Nandi
7	IV-EEE	P.Dharani	NM-Nandi
8	IV-EEE	T.Aarthy	NM-Nandi
9	IV-EEE	P.Rajeswari	NM-Nandi
10	IV-EEE	R.Parkavi	NM-Nandi
11	IV-EEE	S.Naveen	NM-Nandi
12	IV-EEE	G.Manikandan	NM-Nandi
13	IV-EEE	M.Ranjithkumar	NM-Nandi
14	IV-EEE	R.Sureka	NM-Nandi
15	IV-EEE	R.Thangadurai	NM-Nandi

6. GOVERENCE, LEADERSHIP AND MANAGEMENT

NPTEL CERTIFICATES:

Dr.R.Saravanan scored 62% in design thinking-A primer

Ms.M.Suguna scored 72% in Control Engineering

NATIONAL CONFERENCES:

S.No	Faculty Name	Title of the Programme	Venue	Period
1	Ms.A.K.Sowmya,AP/EEE	National conference on" Automatic fire fighting robot with SMS and call alert"	Er.Perumal Manimekalai college of engineering	30.04.2024
2	Ms.R.Manjupriya,Ap/EEE	National conference on" Automatic fire fighting robot with SMS and call alert"	Er.Perumal Manimekalai college of engineering	30.04.2024

7. INSTITUTIONAL VALUES AND BEST PRACTICES:

BIS Student List (Department wise):

S.No	Year of Study	Name of the Student
1	II-EEE	BHUWANESHWARAN.K
2	II-EEE	MOHAMED BAJASKHAN. M
3	II-EEE	POOVARASAN.D
4	II-EEE	RAHUL.B
5	II-EEE	SATHISHKUMAR.S
6	II-EEE	S .SOBIYA
7	II-EEE	ABHISHEK.T
8	II-EEE	LENIN.V
9	II-EEE	M.SRIKANTH

********* THANK YOU ************