

# **ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING**

ACCREDITED BY NAAC WITH 'A' GRADE & NBA(B.E.CSE | ECE | EEE | MECH&B.TECH-IT)

APPROVED BY AICTE, NEW DELHI | AFFILITATED TO ANNA UNIVERSITY, CHENNAI | ISO 900 1:2015 CERTIFIED (AN AUTONOMUS INSTITUTION)

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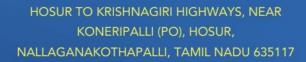
www.pmctech.org

e.Mail:pmctech.engineering@gmail.com

Phone:(04344) - 257226, 257242



# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



www.pmctech.org
e.Mail:pmctech.engineering@gmail.com



# PMC -TECH -ECE ANNUAL NEWS LETTER Volume-1 Issue- 1 2023-24-ODD SEMESTER

# **Chief Patron:**

Shri. P. Kumar -Chairman

# **Patrons:**

Smt. P. Mallar- Secretary Smt. S. Sasirekha- Trustee

#### Co.Patron

**Dr.S.Chitra-Principal** 

#### HOD

Dr.C.R.Balamurugan .M.E.,Ph.D. HOD/Department of ECE

#### **Editorial Board:**

Faculty:

Dr.V.Senthilkumar M.E., Ph.D ASP/Department of ECE

#### **Students Member:**

1.Mr.U.Kailash.IV-ECE

2.Ms.S.sandhiya.IV-ECE

3.Ms.N.Pooja.III-ECE

4.Ms.S.Varshini.III-ECE

5.Ms.S.Vinisha.II-ECE

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#### From the Founder's Desk



"Make of us the hero warriors we inspire to become. May we fight successfully the great battle of the future that has to be won against the past that seeks to endure, so that the new things may manifest and we are ready to receive them"

# Er. P. Perumal, PMC TECH - Group of Institutions

Welcome to PMC TECH, where academics and activities never end and the students are molded as future technocrats and business leaders. The Institute works on the vision to become one of the leading centers of teaching, research and extensions in the field of Engineering and Technology through total commitment towards quality education and training. We instill our students with the strength of character, self-confidence technical competence and leadership in management.

We propagate knowledge to the students with the help of dedicated faculty, state-of-the-art library and well-equipped labs along with audio-visual theatre. The institute has an enviable track record of academic excellence, which is coupled with hands-on industrial training, and innumerable industry-institute interaction, which makes each PMC TECH student ready to be absorbed in the company.

#### From the Chairman's Desk



"The Institute not only extends good campus and state of the art computing facilities to the Students but also aims at giving those competencies that will make them leaders and trendsetters in their respective field, in this competition"

Shri.P. Kumar,

Chairman

PMC TECH is committed to develop young minds for creative leadership in business and a proactive and useful role in social transformation. Today the need for being proactive and constructive is more acute than ever before due to the sweeping change influencing every aspect of our life. Therefore, there is need for action based on holistic training of youth to take on varied challenges of life.

An opportunity to study at PMC TECH empowers a student to acquire knowledge and develop skills that will enable him to lead a highly productive, rewarding and holistic life. As a part of PMC TECH's commitment towards quality technical education and excellence, we embarked on promoting Faculty Development Program, Seminars, Workshops and Conferences, which will keep the faculty and students abreast of their field.

### From the Trustee's Desk



"The goal of education is the advancement of knowledge and the dissemination of truth"

Smt. P. Mallar, Trustee

The rapid rate of technological advancement and the information revolution have opened new series of challenges as well as opportunities. We aim to prepare the students to be successful in their workplace. It aims to prepare the students with technical knowledge and capabilities, flexibility and an understanding of the societal context of corporate world.

We give the students support and encouragement they need to reach their full potential. We strive to give professional education a new perspective and achieve perfection in all spheres. We provide a pleasant & intellectually stimulating environment. The main reason for our tremendous performance is the faculty, which makes PMC TECH stand out from the rest of engineering colleges and Institutes. I wish to assure all concerned that no efforts will be spared to bring PMC TECH as one of the top Technical education Institutions.

#### From the Trustee's Desk



"Education is the ability to listen to almost anything without losing your temper or self-confidence"

Smt. S. Sasirekha, Trustee

PMC TECH is committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to confidently and competently face the challenges of intensifying competition by imparting high quality technical and managerial education coupled with appropriate training and wide exposure to the state-of-art practices. Our educational programmes lay emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more humane and socially alive to lead a meaningful life.

This newsletter will help the students and faculty members to make them aware of different activities of their department as well as the other departments and will develop a better culture and academic environment. Further this will boost the morale of students and faculty to participate in future activities.

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"I believe that education is not just about teaching curriculum, it is also about the development of human intellect, capability to think independently and speak articulately. Through numerous student activities the college imparts all these life skills in students. Education in PMC TECH also emphasizes on development of personality, inter-personal skills and instilling the right values"

Dr.S. Chitra, Principal

With a devoted and highly qualified set of faculty members, well provided infrastructure and efficient administrative staff, we always impart best education by giving in depth knowledge in the subject. We know that mere education does not make you a complete man / woman. With our rich library, we want you to develop reading habits. We always endeavor that when student go out. They should be recognized as highly knowledgeable, amiable, active and greatly trust worthy individual.

Thanks to the educationally committed management, we have the reputation that we provide all the facilities and amenities. May be because of all these, I am thankful to all my colleagues who are striving hard to establish PMC TECH as one of the leading Engineering Institutions.

#### From the HOD's Desk



"Education is the most powerful weapon you can use to change the world"

Dr.C.R.Balamurugan Hod/ECE

Electronics and Communication Engineering is the branch that deals with designing and testing circuits which use the electromagnetic property of electronics components such as resistors, capacitors, inductors and transistors to achieve a particular functionality. The theoretical, together with the practical content of the course provides a thorough knowledge of the core concepts relating to transmission of signals along the globe. Our aim is to develop young technocrats, ability to solve design-oriented problems in electronic circuits, communication systems and signal processing. Electronics and Communication engineers have good employment opportunity in Smart Phones, Microwave, Satellite communication, Telecommunication, Embedded systems, VLSI Design and IT domain.

#### PMC TECH-AN OVERVIEW

PMC TECH group of Institutions consisting of Engineering College, polytechnic and ITI were established in the year 1996 by Er.Perumal B.E., M.I.E., FIV, Our founder and Chairman and sponsored by Er.Perumal Manimekalai Telugu Minority Educational and Charitable Trust. It is situated closer to the Industrial Hub, Hosur, Tamilnadu. Er.Perumal Manimekalai College of Engineering, established in the academic year 2002-2003 is Approved by All India Council for Technical Education (AICTE) and affiliated to Anna University. Er. Perumal Manimekalai College of Engineering (PMC TECH), located in Hosur, is an "Autonomous Institution" accredited by the NBA and NAAC with "A" Grade and certified by ISO 9001:2015. It is affiliated with Anna University, Chennai, and offers quality education in several B.E.,/B.Tech., streams, including those in Aeronautical Engineering, Artificial Intelligence and Data Science, Civil Engineering, Computer Science and Engineering, Computer Science and Business systems, Chemical Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology, Mechanical Engineering, and Mechatronics Engineering, M.E., M.Tech., streams, including those in Aeronautical Engineering, Applied Electronics, Computer Science and Engineering, Engineering Design and Power Electronics and Drives, as well as M.B.A. and M.C.A. In order to comply with institutional regulations and to enhance their academic and professional achievements, our faculty and students engage in general or internship trips to various organizations such as industries, corporate sectors and other institutions.

#### VISION AND MISSION OF THE DEPARTMENT

#### VISION

To impart excellent technical knowledge in Electronics and Communication Engineering with interdisciplinary and innovative approach to address global and societal need

#### MISSION

M1: To provide quality infrastructure, resources and education in Electronics and Communication Engineering through innovative methods of teaching with practical orientation for a successful career.

M2: To prepare Electronics and Communication Engineering graduates to meet global challenges by implementing Engineering values and quest for modern technologies.

M3: To inculcate leadership qualities among students for self and societal growth.

M4: To develop skills for lifelong learning to solve societal problems.

#### LABORATORY FACILITIES

To meet the curriculum requirements, the following laboratory facilities are available in the department. In addition to the above mentioned laboratory facilities, additional research labs were are also made part of the department facilities to initiate research interest in students.

NAME OF THE LABORATORY
Electronics and Circuit Devices laboratory
Digital System Design Laboratory
Communication systems Laboratory
Network Security Laboratory
Digital Signal Processing Laboratory
VLSI Laboratory
Linear Integrated Circuits Laboratory
Microprocessor & Microcontroller Laboratory
Optical & Microwave Engineering Laboratory

# **Technical Workshop**

S.No	PROGRAMME TOPIC	RESOURCE PERSON	Participants	Date
1	IoT-Wireless Sensor Networks	Mr.T.Mariyappan,Embedded Developer,Autogenous Technologies pvt ltd,Natrampalli,Thirupattur	52	26.10.22023- 17.10.2023
2	IoT- Based Digital System Design	Dr.B.Ezhilavan,Founder & CEO,VEI Technologies pvt.ltd,Chennai	52	15.11.2023- 16.11.2023
3	Embedded Networks with Raspberry Pi	Mr.V.Selvaraj,Embedded & Research AI Engineer, Make labs PVT.LTD.Bangalore	54	22.11.2023- 23.11.2023

# **SEMINARS:**(Professional Body Activities)

S.No	PROGRAMME TOPIC	RESOURCE PERSON	PARTICIPANTS	DATE
1	Transmission Lines and RF Systems	Dr.S.Ravi Associate Professor, Seshadri Rao Gudlavalleru Engineering college, krishna district,andhrapradesh.	121	30-09-2023
2	Usage of Memory techniques in IoT	Mr.E.Arun Kumar,Vice President,RETECH SolutionsPVT LTD	130	20-10-2023

3	Radar and Sonar Signal Processing	Dr.M.Senthil Raja Technical Manager CUBIT TECH Services, Chennai	121	30-10-2023
4	High Speed Optical Modulator	Prof.S.Karuppaiah Assistant Professor,R.M.D.EC,Chennai	54	04-11-2023
5	5G Networks	Dr.V.Lingusamy Manager,Research& Development, Rakutan Mobiles,Bangaluru	65	04-11-2-23
6	Spintronics	Dr.G.Rajesh Associate Professor,New Horizon College of Engineering,Bangalore	130	18-11-2023

# **CO-CURRICULAR PHOTOS:**



#### NATIONAL LEVEL TECHNICAL SYMPOSIUM 2K22

On 11<sup>th</sup>November 2023 the National Level Technical Symposium ELECTROVISION – 2K23 was organized by our department .The Chief Guest Dr. and safety manager from Biocon, Bangalore, Smt.P.Mallar the Trustee, Er.P.Kumar the Secretary and Dr.S.Chitra the Principal, of our college, Dr.S.Senthilkumar HOD were present for the Inaugural Function. In this Programme, Paper Presentations of various colleges from Tamilnadu, Karnataka and Andra Pradesh were presented in the area of VLSI Design, Communication System, Digital Signal Processing, Image Processing and Real Time Embedded Systems etc.,

Chief Guest: Dr.K.Rajakumar,

Professor,

School of Computer Science and Engineering,

VIT, Vellore.

## SYMPOSIUM DETAILS

S.NO	PROGRAMME	CHIEFGUEST	PARTICIPANT S	DATE
1	SYMPOSIUM "ELECTROVISION 2K23"	Dr.K.Rajakumar, Professor, School of Computer Science and Engineering, VIT,Vellore	Various Other College Students and PMC College Students	01.11.2023

#### SYMPOSIUM PHOTOS:









#### **INDUSTRIAL VISITS**

Department	Company Visited	Date	Students	Participation
ECE	ISRO	06.02.2023	130 ECE II YEAR STUDENTS	130

## **INDUSTRIAL VISIT PHOTO:**



# STUDENTS PARTICIPATION IN CO-CURRICULAR EVENTS:

S.NO	Student Name	Year	Topic	Organized by	Date
1	Varshitha.D	П	EV-Charging Station	The Oxford College of Engineering Bommanahalli,Bangalore	21-12-2023
2	Vaishnavi.L	П	EV-Charging Station	The Oxford College of Engineering Bommanahalli,Bangalore	21-12-2023
3	Vinisha.V	П	EV-Charging Station	The Oxford College of Engineering Bommanahalli,Bangalore	21-12-2023
4	Sowndharya.S	П	EV-Charging Station	The Oxford College of Engineering Bommanahalli,Bangalore	21-12-2023

# STUDENTS EXTRA-CURRICULAR ACTIVITIES:

S.No	Student Name	Year	Event Nan	ne	Place			Date
1	S Varshini	III	Anna Tournamer Tennis	•	Adhiyamaan Engineering,H	College Iosur	of	09-10-2023

# **FACULTY ACHIEVEMENTS:**

S.no	Name of the faculty	Title of the course	No. of Weeks	Course period
		Demystifying networking	4 Weeks	Jul-Aug 2023
1	Mr.M.Kumar			
2		Design Thinking-A Primer	4 Weeks	Jul-Aug 2023
	Dr.C.R.Balamurgan		VII 0.000 85000000000	
3				
	Dr.V.Senthilkumar	Digital circuits	12 Weeks	Jul-Oct 2023
4		Deep learning	12 Weeks	Jul-Oct 2023
	Mr.G.Umamaheshwaran			
5	Mr.R.Gnanaselvam	Machine Learning and deep learning-Fundamentals and applications	12 Weeks	Jul-Oct 2023

# **FACULTY PUBLICATIONS:**

S. No.	Name of the Faculty	Title of the Paper	<b>Publication Name</b>
1	Dr.V.Senthilkumar	Dynamic link Utilization empowered by reinforcement learning for storage allocation in Manet	Soft Computing (Springer) SCI
2	Dr.V.Senthilkumar	Advanced Control Techniques for Power Quality Enhancement in Off- Grid Wind Power Systems	International Journal of Electrical & Electronics Engineering(Scopus)
3	Dr.V.Senthilkumar	AI-Based Stroke DiseasePrediction Systemusing ECG and PPG Bio-Signals	International Journal of Scientific Research and Innovation (UGC)

# FACULTY DEVELOPMENT PROGRAM

S. No.	Name of the Faculty	Title of the Event	Organization	Date
1	Dr.V.Senthilkumar	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
2	Dr.R.Elavarasi	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
3	Mr.K.Faisal	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
4	Mr.M.Kumar	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
5	Mr.G.Umamaheswaran	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
6	Mr.R.Gnanaselvam	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
7	Mr.N.Kirubakaran	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
8	Mr.L.Chandrashekar	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
9	Mrs.S.Juliet Mercy	Outcome Based Education	NITTTR (National Institute of Technical	02.01.2024 to 06.01.24

			Teacher Training and Research) at PMC- TECH	
10	Mrs.B.Suriya	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24
11	Mrs.V Christy Reena Raj	Outcome Based Education	NITTTR (National Institute of Technical Teacher Training and Research) at PMC- TECH	02.01.2024 to 06.01.24

#### PROFESSIONAL BODIES:





IETE stands for the Institution of Electronics and Telecommunication Engineers. It is a professional society in India that focuses on the field of electronics and telecommunications engineering.

# MEMORANDUM OF UNDERSTANDING (MOU'S):

The ECE Department made Memorandum of Understanding (MOU) with companies such as SANARYS Private Limited, Bangalore, Gusto valley Technovations Pvt,Ltd, Hosur, New Technology Mobile Service Training Institute, Coimbatore for providing Workshops, Seminars, add on courses and training programs



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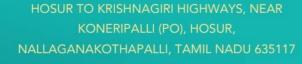
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S.No.	NAME OF THE LABORATORY
1.	Electronics and Circuit Devices laboratory
2.	Digital System Design Laboratory
3.	Communication systems Laboratory
4.	Network Security Laboratory
5.	Digital Signal Processing Laboratory
6.	VLSI Laboratory
7.	Linear Integrated Circuits Laboratory
8.	Microprocessor & Microcontroller Laboratory
9.	Optical & Microwave Engineering Laboratory





# **Electronics and Circuit Devices laboratory**



# Optical & Microwave Engineering Laboratory



# **Digital Signal Processing Laboratory**



# Microprocessor & Microcontroller Laboratory



# Add On Course ( MoU Activities):

S.No	PROGRAMME TOPIC	RESOURCE PERSON	Participants	Date
1	Artificial Intelligence & Machine Learning	Mrs.Dhivya Lakshmi Managing Director, Statistics and Data Science AI,Hosur	IV-ECE(54)	04.03.20234
2	Digital Image Processing using MATLAB	Er.A.Vignesh kumaran Pantech.E-Learning pvt.ltd,Chennai	III-ECE (120)	26.03.2024 & 27.04.2024
3	Embedded Systems & IoT Design	Mr.V.Selvaraj, Founder and CEO of Makes Lab and Make vision ,Krishnagiri.	III-ECE(120)	22.04.2024 to 25.04.2024

# Technical Workshop , Hands on Training & Technical Seminar:(Professional Body Activities):

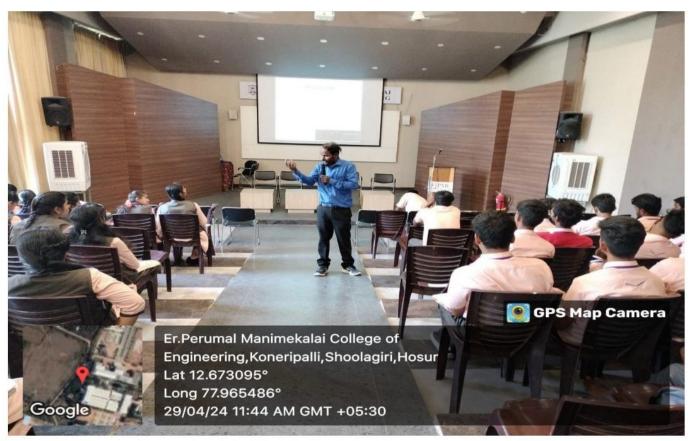
S.No	Programme Topic	Resource Person	Participants	Date
1	Space Science	Dr.S.Sivaramakrishnan,Associate Professor, Department of ISE,New Horizon College of Engineering, Bengaluru	III-ECE(120)	04.03.2024
2	RTOS in IoT with STM32 Microcontroller	Ms.S.Aarthi, Technical Trainer, Innovate Engineering Products, Hosur	III-ECE(120)	18.03.2024 to 20.03.2024
3	Satellite Communication	Dr.M.Prabhu, ASP/ECE. Saveetha University	III-ECE(120)	02.04.2024
4	Python Programming	Mr.K.Nivesh Kumar , Innovate Engineering Products ,Hosur	II-ECE(130)	04.04.2024 to 06.04.2024
5	Recent Trends in 5 G Networks	Mr.A.Selva Ganesh, Data Analist, AB Technologies ,Chennai	IV-ECE(54)	15.04.2024 & 16.04.2024
6	Electromagnetic Fields	Dr.S.Ravi, Associate Professor, Sheshadri Roa Gudlavalleru Engineering College,AndraPradesh	II-ECE(130)	29.04.2024

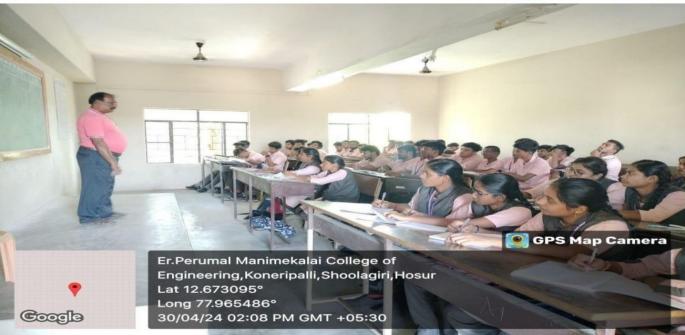
7	Linear Integrated Circuits	Dr.N.Shivashankarappa,Professor Department of ECE, Impact College of Engineering, Bengaluru	II-ECE (130)	30.04.2024
8	Networks & Security	Mr.Vidyadheesh M.P Ms.Snega G Network Consultant Technosaign Network Consultancy Chennai-600034	II-ECE (130)	28.06.2024
9	Applications of Data science	Rajkumar Kalaimani Senior Engineer,Altimetrik India.Pvt.Ltd	II-ECE (130)	03.02.2024

# **CO-CURRICULAR PHOTOS:**









# **NATIONAL LEVEL TECHNICAL CONFERENCE RIVCS-2K24**

On 24<sup>th</sup> April 2024 the National Level Technical Conference RIVCS-2K24 was organized by our department .The Chief Guest Dr.P.SivakumarProfessor & Hear/ECE,GRT College of engineering & Technology,Tirutani Smt.P.Mallar the Trustee, Er.P.Kumar the Secretary and Dr.S.Chitra the Principal, of our college , Dr.C.R.Balamurugan, Professor and Head/ECE were present for the Inaugural Function .In this Programme, Paper Presentations of various colleges from Tamilnadu, Karnataka and Andra Pradesh were presented in the area of VLSI Design, Communication System, Digital Signal Processing, Image Processing and Real Time Embedded Systems etc.,

# NATIONAL CONFERENCE RIVCS-2K24 DETAILS

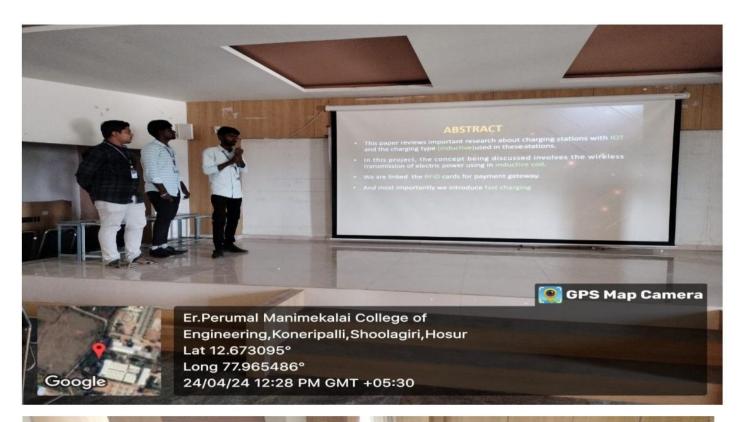
S.NO	PROGRAMME	CHIEFGUEST	PARTICIPANTS	DATE
1	National Conference "RIVCS"	Dr.P.Sivakumar, Professor,Vice Principal GRT College of Engineering	Various Other College Students and PMC College Students	26.04.2024

#### **CONFERENCE PHOTOS:**











# INDUSTRIAL VISITS

Department	Company Visited	Date	Students	Participation
ECE	ISRO	06.02.2023	130 ECE II YEAR STUDENTS	130

# INDUSTRIAL VISIT PHOTO:



# STUDENTS PARTICIPATION IN CO-CURRICULAR EVENTS:

S.NO	Student Name	Year	Topic	Organized by	Date
1	Varshini S	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Banglore	5.3.2024
2	Pooja N	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Bnglore	5.3.2024
3	Serina Priyadarshini Barik S	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Banglore	5.3.2024
4	Jeevisri	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Banglore	5.3.2024
5	Loshika	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Bnglore	5.3.2024
6	Madhumitha	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Banglore	5.3.2024
7	Keshav Kumar	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Banglore	5.3.2024
8	Mohamad Abraas	III-ECE	Technical Symposium LIVAZ -2k24	Sri Sairam College of Engineering ,Anekal,Banglore	5.3.2024

9	Nayaz	III-ECE	Technical	Sri Sairam College of	5.3.2024
			Symposium	Engineering	
			LIVAZ -2k24	,Anekal,Banglore	
10	Navya	III-ECE	Technical	Sri Sairam College of	5.3.2024
			Symposium	Engineering	0.00
			LIVAZ -2k24	,Anekal,Banglore	
11	Sneha Bai	III-ECE	Technical	Sri Sairam College of	5.3.2024
			Symposium	Engineering	
			LIVAZ -2k24	,Anekal,Bnglore	
12	Gharsan	III-ECE	Technical	Sri Sairam College of	5.3.2024
	Kumar		Symposium	Engineering	50
			LIVAZ -2k24	,Anekal,Banglore	
13	Pranav N	II-ECE	Technical	Sri Sairam College of	5.3.2024
	Simha		Symposium	Engineering	
	6	KG	LIVAZ -2k24	,Anekal,Banglore	2

14	Divya R	II-ECE	Technical	Sri Sairam College of	5.3.2024
			Symposium	Engineering	
			LIVAZ -2k24	,Anekal,Banglore	

# **FACULTY ACHIEVEMENTS:**

S.no	Name of the faculty	Title of the course	No. of Weeks	Course period
1	Dr.C.R.Balamurgan	Roadmap for Patent Creation	8 Weeks	Jan - March,2024 (2 Months)
2	Dr.V.Senthilkumar	Introduction to Internet of Things	12 Weeks	Jan -April,24 (3 months)
3	Mr.R.Gnanaselvam	Data Analytics With Python	12 Weeks	Jan -April,24 (3 months)
4	Mrs.S.Juliet Mercy	Digital System Design	12 Weeks	Jan -April,24 (3 months)
5	Mrs.B.Suriya	Introduction to Internet of Things	12 Weeks	Jan -April,24 (3 months)
6	Mrs.V.Christy Reena Raj V	Introduction to Internet of Things	12 Weeks	Jan -April,24 (3 months)

# FACULTY BOOK PUBLICATIONS & JOURNAL PUBLICATION:

S. No.	Name of the Faculty	Title of the Paper/Book	Publisher Name
1	Dr.C.R.Balamurgan	IT IN Agricultural System	Magnus Publications
2	Dr.C.R.Balamurgan	IoT Based battery monitoring of Alerting for Electrical vehicle	Industrial Engineering Journal

# FACULTY DEVELOPMENT PROGRAM

S. No.	Name of the Faculty	Title of the Event	Organization	Date
1	Dr.V.Senthilkumar	Design Thinking	ICT Academy,Kirubanandha Variyar College of Engineering,Salem	22.02.24 & 23.02.24
2	Dr.V.Senthilkumar	Introduction To internet of Things	NPTEL by IIT Kharagpur	Jan -April,24 (3 months)
3	Mr.R.Gnanaselvam	Data Analytics WithPython	NPTEL by IIT Roorkee	Jan -April,24 (3 months)
4	Mrs.S.Juliet Mercy	Introduction to Internet of Things	NPTEL by IIT Kharagpur	Jan -April,24 (3 months)

5	Mrs.B.Suriya	Introduction to Internet of Things	NPTEL by IIT Kharagpur	Jan -April,24 (3 months)
6	Mrs.V Christy ReenaRaj	Introduction to Internet of Things	NPTEL by IIT Kharagpur	Jan -April,24 (3 months)

#### PROFESSIONAL BODIES:





IETE stands for the Institution of Electronics and Telecommunication Engineers. It is a professional society in India that focuses on the field of electronics and telecommunications engineering.

# MEMORANDUM OF UNDERSTANDING (MOU'S):

The ECE Department made Memorandum of Understanding (MOU) with companies such as SANARYS Private Limited, Bangalore, Gusto valley Technovations Pvt,Ltd, Hosur, New Technology Mobile Service Training Institute, Coimbatore for providing Workshops, Seminars, add on courses and training programs