MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University

Accredited by NBA & NAAC 'A' Grade

Kalitheerthalkuppam, Puducherry - 605107

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IETE ACTIVITIES/ACADEMIC YEAR 2024 – 25(EVEN SEM)

S.NO	Month & Year	Name of the activity	Resource Person	Participants	Outcome of the Program
1	16.12.2024 to 20.12.2024	Workshop On **"Research Tools for Modern Wireless Communication"**	Dr.S. Semmalar	Faculty members	In this Workshop on "Research Tools for Modern Wireless Communication" equipped faculty members with advanced tools and methodologies used in wireless communication research. It enhanced their ability to conduct effective research, analyze data, and stay updated with emerging technologies in the communication domain.
2	13.02.2025	World Radio Day	Mr.Srimannarayanan	ECE Students	On World Radio Day, students gained awareness of the historical significance, technological evolution, and societal impact of radio communication. The event highlighted the role of radio in information dissemination, emergency communication, and its continued relevance in the digital age.
3	24.3.2025	Code of Conduct on **"Personal Risk in Professional Ethics"**	Dr.M.Jayekumar, Dean Placement officer, MVIT	ECE Students	The session on "Personal Risk in Professional Ethics" helped students understand ethical dilemmas and the consequences of unethical decisions in professional life. It emphasized the importance of integrity, accountability, and making morally sound choices even in challenging situations.

| 4 | 03.04.2025 | QIP on **"Educator's Responsibility Upholding Ethics and Professionalism in Teaching and Research"** | Dr.S. Arunmozhi, HOD/ECE | Teaching Faculties | "Educator's Responsibility: Upholding Ethics and Professionalism in Teaching and Research" focused on the essential ethical principles that educators must uphold in academic and research settings. It enabled faculty members to reflect on their professional duties and reinforced the importance of maintaining integrity and accountability in their roles. |
| 5 | 27.6.2025 | Guest Lecture on **"Getting started with Robotics"** | Mr.R.Mohammed Fadil, Managing Partner, ADROIIT TECHNOVATIONS, Puducherry | III ECE Students. | The Guest Lecture on "Getting Started with Robotics" introduced students to the fundamentals of robotics, including basic concepts, components, and real-world applications. The session sparked interest in automation and encouraged students to explore innovative solutions using robotic technologies. |

IETE ACTIVITIES/ACADEMIC YEAR 2024 – 25(ODD SEM)

S.NO	Month & Year	Name of the activity	Resource Person	Participants	Outcome of the Program
1	12.7.2024	Guest lecture on "Testing and Measuring Electronic Instruments in Industries"	Mr. Rajkumar Venkatesan,	II ECE Students	A guest lecture on "Testing and Measuring Electronic Instruments in Industries" aims to attendees will develop an awareness of the best practices for ensuring accuracy and reliability in measurements and testing processes.
2	13.8.2024 & 14.8.2024	Workshop on " Master the Art of IOT and Embedded Systems: Build Innovative Smart Solutions"	Ms. Shanthini and Ms. Ramya	II ECE Students	A program titled "Workshop on Master the Art of IoT and Embedded Systems: Build Innovative Smart Solutions" Participants will gain Ability to design, develop, and implement innovative solutions for real-world challenges.

3	14.8.2024	Guest lecture on "VLSI DESIGN METHODOLOGIES"	Mr. A. Aashiq Ahammed	III ECE Students	A guest lecture on "VLSI Design Methodologies" attendees will Exposure to the latest industry trends, tools, and design processes used in VLSI chip design.
4	21.08.2024	Guest lecture on "Mastering the art of research paper writing"	Dr.S.Semmalar	IV ECE Students	A guest lecture on "Mastering the Art of Research Paper Writing," Participants will learn the key components of a research paper, including abstract, introduction, literature review, methodology, results, discussion, and conclusion, and how to organize them effectively.
5	22.08.2024	Guest lecture on "Digital Intellecural Property"	Dr. B. Hemakumar	II ECE Students	The guest lecture on "Digital Intellectual Property" could provide insights into emerging trends in digital IP, such as blockchain technology for digital rights management or the impact of AI on IP creation.
6	24.08.2024	Workshop on "Digital Design IC using Advanced Spice-Tools"	Dr.J.Ajayan	ECE students	A workshop on "Digital Design IC using Advanced Spice-Tools" would Familiarization with the latest SPICE-based simulation tools used in modern IC design.
7	28.8.2024	Workshop on "Innovation and Design Thinking"	Mr. Manimaran Thangavel	II ECE Students	A "Workshop on Innovation and Design Thinking" typically aims to achieve attendees engage in hands-on activities to apply design thinking methods to real-world problems, generating actionable solutions.

IETE ACTIVITIES/ACADEMIC YEAR 2023 – 24

S.NO	Month & Year	Name of the activity	Resource Person	Participants	Outcome of the Program
1	24.7.2023 & 25.7.2023	Workshop on "**Basic Soldering for Electronics**" Students	Dr. A. Shankar, Mr.R.Sambathkumar, Mr.M. Bhuvanesh and Mr.R.Srimanarayanan	ECE Students	A "Workshop on "Basic Soldering for Electronics" workshop for students would aims to Increased confidence in working with electronic circuits and components, preparing students for more advanced electronics projects.

2	24.7.2023	Guest lecture on "IMPORTANCE OF DEFENCE IN SATELLITE COMMUNICATION SYSTEMS."	Dr.S.Arunmozhi & Dr.S.Semmalar	III ECE Students	A guest lecture on the "Importance of Defence in Satellite Communication Systems" Participants will gain an understanding of the various security risks and vulnerabilities in satellite communication systems, including cyber-attacks, jamming, and spoofing.
3	26.7.2023 & 27.7.2023	One Day Workshop on "Arduino Practice for Electronics students "	Mr. V. Rajesh, Mrs. R. Vithiya, Dr. R. Sofia and Mrs. R. Vijayalakshmi.	III ECE Students	A One Day Workshop on Arduino Practice for Electronics Students" and students gain practical experience working with Arduino boards and basic electronics components.
4	11.10.2023	Guest lecture on "Telecom Regulatory Authority of India the consumer outreach program "	Shri V.S. Raju	IV ECE Students	The Guest lecture would highlight the importance of consumer protection in the telecom industry, educating the audience about their rights and how TRAI's outreach programs help address consumer grievances.
5	14.10.2023	Guest lecture on "Emerging Technologies in Artificial Intelligence in Wireless Communication "	Mr. Premkumar	III ECE Students	The guest lecture on "Emerging Technologies in Artificial Intelligence in Wireless Communication" would likely cover Gaining insight into how AI is revolutionizing wireless communication systems, enhancing data transmission, network management, and performance optimization.
6	04.11.2023	Guest lecture on on "Immersive Experience in AV/VR Technology"	Mr.M.Senthil Kumar	II ECE Students	A guest lecture on "Immersive Experience in AV/VR Technology" explores attendees will gain a deeper understanding of immersive audio-visual and virtual reality technologies, including their principles and applications.

IETE ACTIVITIES/ACADEMIC YEAR 2022 – 23

S.NO	Month & Year	Name of the activity	Resource Person	Participants	Outcome of the Program
1	21.10.2022	Guest Lecture on "PLC SCADA"	Mr.M.Baskaran	IV ECE Students	A Guest Lecture on "PLC SCADA" would Participants will gain a deeper understanding of PLC (Programmable Logic Controllers) and SCADA (Supervisory Control and Data Acquisition) systems, including their functions, applications, and integration in automation and control systems.
2	20.03.2023	Workshop on "IPR& Technology Transfer"	Mr.P.Jayakumar	IV ECE Students	A workshop on "IPR & Technology Transfer" Participants gain a better understanding of intellectual property rights (IPR) and their importance in protecting innovations.

3	08.04.2023	One DayWorkshop on **"Microwind"**	Mr.M.Sivaraj	II ECE Students	A "One Day Workshop on Microwind" Attendees can connect with experts, fellow participants, and industry professionals, enhancing their learning and career opportunities.
4	15.04.2023 & 20.04.2023	Workshop on **"LT Spice"**	Mr.V.Rajesh	Students of II&III ECE	A workshop on "LTSpice" typically focuses on teaching participants how to use the LTSpice software for simulating and analyzing electronic circuits and Gaining hands-on experience in creating and simulating various analog and digital circuits.
5	19.04.2023 & 20.04.2023	Two days Workshop on **"Design Thinking-Drone Design"**	Mr.Jagadeesh Kanna	Students of II&III ECE	A two-day workshop on "Design Thinking - Drone Design" aims to Cultivation of innovation and critical thinking in the field of drone technology.
6	26.11.2023	Guest Lecture on VLSI Design **"Modern Wireless Architecture"**	Mr.Aashiq Ahamed	III ECE Students	A guest Lecture on VLSI Design titled "Modern Wireless Architecture" and attendees would gain a deeper understanding of VLSI (Very Large Scale Integration) design principles applied to modern wireless systems.