



# MEENAKSHI COLLEGE OF ENGINEERING

Approved by AICTE and Affiliated to Anna University, Chennai  
ISO 9001:2015 Certified and Accredited by NAAC with 'A' Grade



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### PATENT DETAILS

S.No	Name of the Faculty	Department	Designation	Patent Name	Application No	Patents Applied	Patents Published
1.	Dr. R. Anandha Praba	ECE	Assistant Professor (SG)	Continuous Cardiac Monitoring Smart Watch with Embedded Ai	202541025871	04-04-2025	Published
2.	Dr. K. Ramesh	ECE	Professor	Handheld Device for Detecting and Alerting Live Electrical Power Lines To Prevent Electrocutation	202441101797A	23-12-2024	Published
3.	Dr. K. Ramesh	ECE	Professor	Smart Auto-Bike System for Enchanced Safety and Mentoring	202541012145A	13-02-2025	Published
4.	Dr. S. Malathi	ECE	Professor	Smart Auto-Bike System for Enchanced Safety and Mentoring	202541012145A	13-02-2025	Published
5.	Dr. S. Malathi	ECE	Professor	Emg Based Prosthetic Limb for Elderly Amputees	202541038770 A	22-04-2025	Published

6.	Dr. N. Thendral	ECE	Assistant Professor (SG)	Continuous Cardiac Monitoring Smart Watch with Embedded Ai	202541025871	04-04-2025	Published
7.	Dr. N. Thendral	ECE	Assistant Professor (SG)	Deep Multiple Instance Learning for Automatic Detection of Diabetic Retinopathy	202441092864 A	06-12-2024	Published
8.	Dr. N. Thendral	ECE	Assistant Professor (SG)	Smart Iot Integrated Wearable Device for Real Time Monitoring of Skin Temperature and Dermal Conditions	202541054333 A	27-06-2025	Published
9.	Mr.M V Crispin	ECE	Assistant professor	A System and Method for Remote Patient Monitoring Utilizing Gyroscope Based Position Detection and ECG signal Derived secret key Generation Using Raspberry PI4 with Wi-Fi Communication to a Caretaker	202541047530	16-05-2025	Published
10.	Mr.M V Crispin	ECE	Assistant professor	Wearable Ultrasound Patch For Motion Monitoring and Secure Key Generation Using Elliptical Curve Cryptography and Machine Learning	202541026553	22-03-2025	Published
11.	Mrs.N.Mohana Priya	ECE	Assistant professor	Emg Based Prosthetic Limb for Elderly Amputees	202541038770	22-04-2025	Published

12.	Mrs.B.Vennila priya	ECE	Assistant professor	Emg Based Prosthetic Limb for Elderly Amputees	202541038770	22-04-2025	Published
13.	Mrs.B.Vennila priya	ECE	Assistant professor	Smart Electric Vechile Charging Infrastructure with Grid Integration and Ai-Optimized Energy	202541057660A	16-06-2025	Published
14.	Mr.K P V Pinkey Roshan	ECE	Assistant professor	An Expository Look at Green Supply Chain Management	202441096296	13.12.2024	Published
15.	Mr.K P V Pinkey Roshan	ECE	Assistant professor	Building Digital Empires: Marketing In the Digital Age	1232440	14.04.2025	Published
16.	Mr.K P V Pinkey Roshan	ECE	Assistant professor	Emg Based Prosthetic Limb for Elderly Amputees	202541038770	16-05-2025	Published
17.	Mr.K P V Pinkey Roshan	ECE	Assistant professor	Passivated Emitter Based Solar Cells for Increasing the Efficacyof Solar Energy Absorption	202211022528	29-04-2022	Published
18.	Mrs. V Swetha	ECE	Assistant professor	Smart Iot Integrated Wearable Device for Real Time Monitoring of Skin Temperature and Dermal Conditions	202541054333 A	27-06-2025	Published

19.	Mrs. V Swetha	ECE	Assistant professor	Continuous Cardiac Monitoring Smart Watch with Embedded Ai	202541025871	04-04-2025	Published
20.	Mrs. V Swetha	ECE	Assistant professor	Autonomous Vehicle Path Training Apparatus	6355227	03-04-2024	Granted