



Department of Electrical and Electronics Engineering ACADEMIC YEAR 2023-2024

Australian Innovation Granted

No.	Name of the Inventor	Patent Title	Application No &	Granted /Published
			Year	
1	Dr. T. Anuradha	An Internet of Things based civil Engineering Water Pump With Embedded Solar System	2021103839 & 03-07-2021	Australian Innovation Granted

UK Design Patent Granted

.No	Name of the Inventor	Patent Title	Application No &	Granted /Published
			Year	
1	Dr. T. Anuradha	Machine Learning-Based Health Monitoring Wearable Device	6319898 & 25 .10. 2023	UK Design Patent Granted
2	Dr. T. Anuradha	Solar Tree for power generation	6338966 & 8.12.2024	UK Design Patent Granted



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3	Dr. T. Anuradha	Wireless Charging Pad with Multiple Device Support Design number	6352310 & 27.3.2024	UK Design Patent Granted
4	Dr. T. Anuradha	Advanced and User-Friendly Drone Controller Design	6361475 & 30.4.2024	UK Design Patent Granted
5	Dr. T. Anuradha	Solar-Powered Engine Cooling System for Electric Cars	6366660 & 23.5.2024	UK Design Patent Granted
6	Dr. T. Anuradha	A Wearable Device for Mental Health Monitoring and Support Design	6366998 & 24.5.2024	UK Design Patent Granted
7	Dr. T. Anuradha	Advanced and User-Friendly Drone Controller Design number	6361475 & 29-11-2023	UK Design Patent Granted
8	Dr. T. Anuradha	Sleek and Stylish Electric Scooter -	6338963 & 23-01-2024	UK Design Patent Granted



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9	Dr. T. Anuradha	Belt For School Children Safety	6315132 & 26-09-2023	UK Design Patent Granted
10	Dr. T. Anuradha	Smart Trolley with Product Tracking Device	6319898 & 19-10-2023	UK Design Patent Granted

Indian Design Granted

No.	Name of the Inventor	Patent Title	Application No &	Granted /Published
			Year	
1	Dr. T. Anuradha	Women Safety Shoe	404761-001 & 17.01.2024	Indian Design Granted
2	Dr. T. Anuradha	IoT Based water purifier	401672-001 & 08-12-2023	Indian Design Granted
3	Dr. T. Anuradha	Steering Wheel for Electric Vehicle	380510-001 & 01-03-2023	Indian Design Granted
4	Mr. S. Balaji	Compact and Foldable Chair Embedded	402022100707-0001 &	Indian Design Granted



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		with IoT and remote control Access	20-09-2022	
5	Dr. T. Anuradha	Biometric Sensors on Streeting Wheel for an Electric Vehicle	80510-001 & 17.05.23	Indian Design Granted

Indian Copyright Granted

No.	Name of the Inventor	Patent Title	Application No &	Granted /Published
			Year	
3	Dr. T. Anuradha	Fuzzy Logic Based Power Management for Small Scale Hybrid Wind Solar Battery Based Microgrid	32223/2021-CO/L & 31.12.21	Indian Copyright Granted

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Indian Copyright Filed

No.	Name of the Inventor	Patent Title	Application No & Year	Granted /Published
1	B Brindh Sakthi, Ms. A. V.Suganya, Dr. P. Deiva Sundari L.N. Ramya	Optimal Location and Parameter Setting of Unified Power Flow Controller Using Ant Colony Optimization	27725/2021-CO/L & 31.12.21	Indian Copyright Filed
2	Ms. A. Ammal Dhanalakshmi Dr. P. Deivasundari Mr. K. Karthikeya	Poster For the Process Of (OBE) Outcome Based Education	29309/2021-CO/L & 14/12/2021	Indian Copyright Filed
3	Ms. A. Ammal Dhanalakshmi Dr. P. Deivasundari, Dr. K. Karthikeyan	Poster For Compressed Air Storage System for Wind Turbine	29308/2021-CO/L & 14/12/2021	Indian Copyright Filed
4	Mr. A. Arvin Tony	Automatic Power Factor Correction Using Pic Microcontroller	18/2022-CO/L & 01/01/2022	Indian Copyright Filed
5	Dr. S. Jayakumar	Health Monitoring and Recommendation System Using IOT And ML	24/2022-CO/L & 01/01/2022	Indian Copyright Filed
6	Mr. K. Karthikeyan	Smart Braking System for Automobiles	27/2022-CO/L & 01/01/2022	Indian Copyright Filed

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Indian Patent Published

No.	Name of the Inventor	Patent Title	Application No & Year	Granted /Published
1	Dr. T. Anuradha	Oil Based Transformer Smart Health Monitoring System Using AI	202341072833 & 26.01.2024	Indian Patent Published
2	Dr. T. Anuradha	Design and Development of The Deep Fake Detection Framework– Patent Application	202441017014 A & 29.03.2024	Indian Patent Published
3	Dr. T. Anuradha	Analysing the Impact on The Transmission Medium By Broadcast Packets	202421031598 A & 17.05.2024	Indian Patent Published
4	Dr. T. Anuradha Mr. S. Balaji	IOT Based Car Parking and Security system	202441013653 & 26- 02-2024	Indian Patent Published
5	Dr. K. Karthikeyan	Deep Learning Based on Automated attendance Monitoring System	202441013679 & 26- 02-2024	Indian Patent Published
6	Dr. T. Anuradha	Smart Meter for Industries	202141032560 & 19- 07-2021	Indian Patent Published
7	Dr. T. Anuradha Ms. Jitha Varghese Dr. B. Brindha Sakthi	Smart Agriculture system monitoring and controlling over terrace farm	202341052194 & 03- 08-2023	Indian Patent Published
8	Dr. B. Brindha Sakthi	Design And Development of Wireless Power	202341052189 &	Indian Patent



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		transfer for Irrigation System	03-08-2023	Published
9	Ms. Jitha Varghese	GPRS Based Secured Coastal Border Alert System (CBAS) for	202241051546 & 09/09/2022	Indian Patent Published
	Ms. B Brindha Sakthi			
10	Mr. S. Balaji,	low-cost Hybrid Power Lighting and Navigation System On Boat for Fishermen community	202241051545 & 09/09/2022	Indian Patent Published
	Dr. T. Anuradha, Dr. P. Deiva Sundari M. Ramya			
11	Dr. K. Karthikeyan	Automated Fry Machine for Micro Industry	202241052426 & 14/09/2022	Indian Patent Published
	Ms. M. Lavanya Ms. A.V. Suganya			
12	Dr. T. Anuradha	Neural Network Assisted Diagnosis of Electric Junction Anomalies in EVs	202441028527 & 09-03-2024	Indian Patent Published
13	Dr. T. Anuradha	Machine Learning Based Battery Management System for Optimized EV Performance	202141017715 A & 01-04-2021	Indian Patent Published
14	Dr. T. Anuradha	Biometric Sensors on Streeting Wheel for an Electric Vehicle	80510-001 & 17.05.23	Indian Design Granted
15	Dr. T. Anuradha	Design and Usability of Interfaces for Automated Vehicles	202341037112A & 16.06.23	Indian Patent Published
16	Dr. T. Anuradha	Design of IoT-based Monitoring and Alarm System for Elderly People	202341032633 & 18.08.23	Indian Patent Published



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17	Dr. T. Anuradha	Functioning and Effectiveness of Specific Mobile Applications Supporting the Smart City Trend	202341044493A & 01.09 2023	Indian Patent Published
18	Dr. T. Anuradha	Intelligent Power Distribution system with Real-Time monitoring and control for Enhanced Resilience and Efficiency	202341062365 & 06.10.23	Indian Patent Published
19	Dr. T. Anuradha	Driving Assistance System using Machine Learning	202341056377 A & 01.12.23	Indian Patent Published
20	Dr. T. Anuradha	A New Adaptive Routing Protocol for Internet Of Things In Mobile Ad Hoc Networks	202341083003 A & 29.12.23	Indian Patent Published
21	Dr. T. Anuradha	Wireless power transmission of smart Electric vehicle system	202341007268 & 10.02.2023	Indian Patent Published
22	Dr. T. Anuradha	Cloud and AI interconnected autonomous EV charging station	202341004814 & 17.02.2023	Indian Patent Published

Indian Patent Granted

No.	Name of the Inventor	Patent Title	Application No &	Granted /Published
			Year	
1	Dr. R. Gayathri	Smart Railway Platform	201741023020 &11-03- 2024	Indian Patent Granted



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German Patent Granted

No.	Name of the Inventor	Patent Title	Application No &	Granted /Published
			Year	
1	Dr. T. Anuradha	A System to Manage Medical Data	202022100362.9 & 01-03-2022	German Patent Granted