03.06.2026

Patent Published Details(2025-26)

S. No	Title of the Patent	Faculty Name	Month & Year of Publication	Publication / Granted Number
1.	Adaptive Multi-layer graph neural network framework for real-time dynamic data stream processing	Dr.S.Ravindran	31/10/2025	202541092709
2.	Numerical method based real time load balancing controller for electrical distribution networks with embedded electronics	Dr.L Baranilingesan	19/12/2025	202541106664
3.	Cyber security for adaptive control system for multi-domain mechanical and electrical devices	Dr.L Baranilingesan	24/10/2025	202521093343
4.	Autonomous EV for intra-facility product relocation	Dr.B.Lalitha	03/04/2026	202641034489 A
5.	Photovoltaic-powered borewell pumping system with high step-up DC-DC conversion for direct current operation	Dr. G.Saravanan	02/01/2026	202541122229
6.	Design and development of gearbox for EV applications	Dr. B. Lalitha	03/04/2026	202641035429 A
7.	IoT enabled robotic smart water pumping and electricity monitoring system leveraging nvidia high performance computing	Dr.L Baranilingesan	29/08/2025	202541077112

Consultancy projects received from external agencies

S. No	PI Name	Co-PI names if any	Nameof the Dept. where Project is sanctioned	Project title	Nameof the Funding agency	Duration ofthe project	Amount (Lacs)
CAY (2025-2026)							
1	Dr.K.Mohana Sundaram	-	EEE	Development of Digital twin for electrical infrastrucure	Domoretech consultancy services pvt ltd.	1 month	0.12
2	Dr.S.Ravindran	-	EEE	Technical support for electrical system performance	Enerzia Power Solutions, Chennai	1 month	0.09
3	Dr.S.Ravindran	-	EEE	App development	Foretec Electric India Private Limited	1 month	0.18
4	Dr.A.Mohamed Ibrahim	-	EEE	Technical support for electrical system performance	Foretec Electric India Private Limited	1 month	0.12
5	Mr.V.Kamal Kumar	-	EEE	Development of front panel design using LABVIEW	ARKtech Automation Solutions(P) ltd	1 month	0.12
6	Dr.C.Pazhanimuthu, Dr.A.Mohamed Ibrahim	-	EEE	National Level Technical Expo - SparkNova'26	IEEE PES	1 week	0.34
7	Dr.C.Pazhanimuthu, Dr.A.Mohamed Ibrahim	-	EEE	National Level Technical Expo TechVista'26	IEEE PES	1 week	0.2
						Amount received (Rs.)	1.17

11/6/26