

Dr. Mahalingam College of Engineering and Technology, Pollachi-642 003

(An Autonomous Institution)

Office of Dean Research & Innovation

IPR Summary Details

S.No	Department wise Status - June_25 to May_26 (AY: 2025 -2026)																
	IPR		ACT	AIDS	AIML	AUTO	CIV	CSE	CYS	ECE	EEE	VLSI	IT	MECH	MCA	S&H	Total
1	Utility	Granted	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
		Filed/Pub	3	23	5	10	8	22	7	11	12	3	19	10	5	10	148
2	Design	Granted	0	1	0	0	2	2	2	4	4	2	2	6	1	1	27
		Filed	0	0	0	2	1	3	0	2	1	0	1	7	0	1	18
3	Copyright	Reg.	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5
		Filed	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
IPR Grant Summary			0	1	0	0	2	2	2	6	6	4	3	6	1	1	34
`IPR Filed Summary			3	23	5	12	9	25	7	14	14	3	21	17	5	11	169
Total			3	24	5	12	11	27	9	20	20	7	24	23	6	12	203

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LIST OF GRANTED UTILITY PATENT

JUN-2025 to MAY-2026				Total Numbers: 02	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	202341042928	Dr. S. Anthony Jesudurai Dr. M. Selvakumar Dr. T. RamKumar Dr.M.Thirunavukkarasu Dr. V.K.Sudha Dr. V.Regina Delcy Dr. V. Umadevi	AP - EEE AP - AUTO (Relieved) AP - MECH AP - AUTO HOD - ECE AP - S&H AP - S&H	An Arrangement for Detecting Surface Defects of Engine Piston and Method Thereof	Date of Filing- 27/06/2023 Date of Publish- 01/09/2023 Date of Grant- 12/02/2026
2	202441028482 (Dr. MCET)	Dr.S. Bharathi Dr. R. Sudhakar Dr. R. Sherine Jenny Ms.N. Sugirtham Mr. M. Nithyakumar Dr. M. Senthilarasi Mr. K.Hari	AP - ECE AP - ECE AP - ECE AP - ECE External External External	Automated Gender-Based Access Control System for Public Women-Only Spaces	Date of Filing- 07/04/2024 Date of Publish- 12/04/2024 Date of Grant- 12/03/2026

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LIST OF FILED/PUBLISHED UTILITY PATENT

JUN-2025 to MAY-2026				Total Numbers: 148	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
1	202541048298	Dr. S.S.Sivaraju Dr. R. Partheepan Dr. T. Anuradha Mr. Srithar S Mr. Ajith Kumar Singh Yadav Mr. P.Vetrivelan Ms. Indumathi M Dr.Ranjana R Dr.D.Sivaganesan Dr. S. Padmapriya Mr.S.S.Manikandan . Mr. Santhosh B K	External External External External External External External ASP - AIDS Prof. & Head - CSE External External External	A System And Method For Machine Learning- Based personalized Cancer Treatment Recommendation	06/06/2025 (P) 19/05/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
2	202541048300	Dr. R. Partheepan Dr. S. S. Sivaraju Mr. D. Prabhu Mr. Lakshminarayanan. V Dr. Devikanniga Devarajan Mr. Mani V Dr. Ananthan Nagarajan Dr. J. Bhavithra Dr. B. Shuriya Ms. K. Murugeswari Mr. S. S. Manikandan Ms. B. Shanmathi	External External External External External External External External External External External External	Ai-Assisted Diagnostic Imaging System and Method For Accurate Detection and Classification of Medical Anomalies	06/06/2025 (P) 19/05/2025 (F)
3	202541053181	Dr. J. Ramprasath Dr. S. Nithya S. Nandhini Kiruthikka D. C Dr. J. Sivakumar Dr. Palanivendhan M	ASP - AIDS ASP - AIDS AP - AIDS AP - AIDS External External	AI-Based Real-Time Diagnostic & Emergency Alert System for Rural Clinics	13/06/2025 (P) 01/06/2025 (F)
4	202541054233	Kiruthikka D.C R Gomathi Ms M. Masilamani Mr. E. Hariharan A .Sathiyapriya P.Kiruthika Dr. D. Poongodi	AP - AIDS External AP - AIDS External External External External	AI-Powered Real-Time Crop Health and Yield Optimizer System	13/06/2025 (P) 05/06/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
5	202541058038	Dr.Sathiyamurthi P Vijayakumar M Ramamoorthi.R Devipriya C Suganya B Dr.Madeswaran D Dr. Murugan K Dr.Rajan S Dr. Kamalraj D Sagunthala S	External External External AP(SS) - CSE AP(SS) - CSE External External External External External	Wireless Charging Apparatus For Electric Vehicles	04/07/2025 (P) 17/06/2025 (F)
6	202541071246	Dr. R. Muthukumar Jayaprakash Venugopal Dr. M Anish Dr. S Philip Raja Mr. J. Dinesh Kumar Dr. Gopala Rao Thellaputta Mr. V. Prabhu	External External External External AP - MECH External External	Nano-Treated Hemp Fiber Composite For Enhanced Moisture-Wicking And Uv Protection In Textile Applications	01/08/2025 (P) 26/07/2025 (F)
7	202541070695 (Dr. MCET)	G. Karthikeyan Dr. J. Ramprasath Dr.N.Krishnaraj A G Priya Varshini D.Janani S.Soundariya Dr.S.Nithya	AP - ECE ASP - IT External AP (SS) - IT AP (SS) - IT AP (SS) - IT ASP - AIDS	Autonomous Tank Cleaning Robot And A Method To Operate The Same	01/08/2025 (P) 24/07/2025 (F)

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8	202541070312	Mohanraj Sivasankari S Dr. S. Nithya Ms. Geetha Rajakumari PrasannaBlessy M M. Rajalakshmi Sushma V P D. C. Kiruthikka	External External ASP - AIDS AP - AIDS AP - CYS AP - AIDS AP - AIDS AP - AIDS	A Non-Invasive AI-Powered Multi-Bio-signal Device for Early Detection and Risk Profiling of Heart Diseases	01/08/2025 (P) 23/07/2025 (F)
9	202541076210	Dr.S. Ponni Alias Sathya Dr.S.K.Ashok N.Sumathi Dr. V.Priya	AP - IT ASP - AUTO AP - CSE External	Autonomous Grinder Using Variable Ingredient Storage Container With Wooden Grinding Plate And Automatic Speed Adjustable Motor And Flour Granularity Sensor	29/08/2025 (P) 11/08/2025 (F)
10	202544078919 (KIT + MCET)	B.Senthilkumar R.Gowrishankar K.Sampathkumar Ms. M.Rubha	External External External AP - MCA	Smart Method Of Amirthakaraaisal And Biogas Generation	29/08/2025 (P) 20/08/2025 (F)
11	202541076479	Jovin Deglus Nivedha D R R.Arun Kumar M. Rajalakshmi Dr. S. Lokesh K.Narayana moorthi Dr. Palanivendhan M	External External External AP - AIDS External External External	Personalized Edge-ML-Based Learning Assistant for Rural Students Using Offline Voice and Gesture Input	05/09/2025 (P) 11/08/2025 (F)
12	202544076699	B. Senthilkumar M.Rubha	External AP - MCA	Smart Out Pass Accessing Process (Soap)	05/09/2025 (P) 12/08/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
13	202541077618	Dr. Vaishnavi S Dr. B. Bala Vijaya Priya Dr. Sreevidhya S Moniza Ray S. P Dr. Britto Jenobia. J Dr. P. Jayakumar Dr. K. Perumal Dr. Arun.G Dr, M. Subbu Nisha Dr. X.Disalva R. Ramakrishnan Dr. P.Santhosh	External AP(SS) - English (S&H) External External External External External External External External External External	Communication Skill Enhancement Model Via Group Discussions To Improve Placement Success Of Esl Learners	12/09/2025 (P) 14/08/2025 (F)
14	202541086149	Dr.S.V.Divya Dr. C Berin Jones M. Rajalakshmi Dr.P.Venkadesh Gracy karolina.B Madhusree .M Maragatham.S Joshika.S Kiruthika Devi.P Dr.S.Sasireka	External External AP - AIDS External External External External External External External	Smart Insurance Cards: Revolutionizing Health Claims with Blockchain and Biometrics	03/10/2025 (P) 10/09/2025 (F)
15	202541097066	Dr. Ghali Krishna Harshitha Dr. V.Kannan Dr. Priyanka A Sharma Dr.C.Jestina Jeyakumari Ms.S.Devilavanya Ms.J.Santhiya Ms.M.Gomathi Ms.S.Gayathri	External External External External AP - CSE AP - CSE AP - CSE AP - CSE	Client Interaction Tracking System with Sentiment Analysis Integration	08/10/2025

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16	202541101223	Mr. A. Ramanjaneya Reddy Dr. Satish Kumar Dhurandhar Dr. M. P. Senthil Kumar Dr. K Vetrivel Kumar Mr. J. Dinesh Kumar Dr. M. Suresh Kumar	External External External External AP(SS) - AUTO External	Adaptive Hydrokinetic Turbine System for Low-Flow River Power Generation	20/10/2025
17	202541108876	Dr Sunandana Reddy Machireddy Mrs.P.Nithya A.Asrin Mahmootha Subaranjani T Sharath Daida K. Ananthi Dr. M. Balakrishnan Nithya Devi S M Dr. M Kiran kumar S.Varadharajan Dhainje Prakash Bhagwan Dr.S.Kaliappan	External External External External External AP - AIDS Professor - AIDS External External External External External	Cloud Guardians: Elevating Security with Probabilistic Graphical Models	28/11/2025 (P) 10/11/2025 (F)
18	202541103444	Dr. S. Palani Dr. J. Rejina Parvin Dr. Yasir Abdullah R Mr. E. Dharaneesh Mr. V. Karthik Mr. M. Adhi Krishnan	External External AP (SG) - AIDS External External External	DynaMilk Go: Portable Milk Collection with Fat Analysis and Cloud Integration	28/11/2025 (P) 27/10/2025 (F)
19	202541109631	Ms. A. Saranya Ms. S. Chitra Ms. N. Punitha Ms. B. Maheswari	AP - S&H (Maths) AP - S&H (Maths) AP - S&H (Maths) AP - S&H (Maths)	METHOD AND SYSTEM FOR DETERMINING GRAPH ISOMORPHISM AND SUBGRAPH EQUIVALENCE IN MATHEMATICS	28/11/2025 (P) 11/11/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
20	202541102822 (Dr.MCET) - 3MIPR	Ms. Parveen Sheikdawood Ms. Shanmugapriya Arumugam Mr. Johnson William Joseph Mr. Saravanakumar Balakrishnan	AP - S&H AP - S&H AP - S&H AP - S&H	Microwave-Assisted Fabrication of Mesoporous Carbon Blended Manganese Cobalt Sulphide (MnCo2S4) as Electrode Materials for Energy Storage Devices	28/11/2025 (P) 24/10/2025 (F)
21	202541117833 (Dr.MCET) - 3MIPR	Ms.S.Soundariya Dr. A.G.Priya Varshini Ms. D. Janani Ms. P. Kalaivani Ms. G. Keerthika Dr. S. Ponni alias Sathya	AP(SS) - IT AP(SS) - IT AP(SS) - IT AP(SS) - IT AP(SS) - IT AP(SS) - IT	AI-Based Method and System for Food Safety Scanning and Regulatory Compliance in Restaurants and Commercial Kitchens	19/12/2025 (P) 27/11/2025 (F)
22	202541117832 (Dr.MCET) - 3MIPR	Dr. S. Raja Rajeswari Ms. R. Anuja	AP - MCA AP - CIVIL	IoT-Enabled Underground Rainwater Harvesting System with Adaptive Control, Self-Cleaning Diverters, Predictive Usage Modelling, and Drainage Automation	19/12/2025 (P) 27/11/2025 (F)
23	202541133614	T.Lakshmana Kumar K.C.Rajavenkatesswaran M.Vijayakumar Thabathi R K.Deepa K.Vaishnavi Umamaheswari.P Saranya V Padmavathy.S Baby V	AP - AIDS External AP - AIDS External External External External External External External	Speech Recognition System Utilizing Self-Supervised Deep Learning Models	16/01/2026 (P) 30/12/2025 (F)
24	202541134303 (Dr.MCET) - 3MIPR	Ms. M. Rajalakshmi Mr. V. Eswaramurthy Ms. Sujitha V Mr. Karthick Pranesh GSD Mr. Vickram P	AP - AIDS AP - AIDS student student Student	Mini CNC Plotter for Precision Drawing	09/01/2026 (P) 30/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
25	202541131298	Dr. A. B. Arockia Christopher Dr. V.Arulmozhi Dr.P.Sivaprakash Dr.A.S.Muthanantha Murugavel Dr.M.Balakrishnan	External External External External ASP - AIDS	AI Based Personalized Real-Time Health Monitoring Device and a Method Thereof	02/01/2026 (P) 24/12/2025 (F)
26	202541132681 (Dr.MCET) - 3MIPR	Ms. M. Jeslin Benita Ponnarasi Dr. P. Vivekanandan N. Aiswarya Logeshwara P S. P. John Daniel R. Rathinavel	AP - CYS HOD - CYS External External External External	Hardware-Based Unified Extensible Firmware Interface [UEFI] Analysis and Protection System	02/01/2026 (P) 27/12/2025 (F)
27	202641012640	Mr. G. Palanikumar Mr. P. Siva Prasad Mr. Gutta Venkateswarlu Ms. Shobana D Ms. V. C. Ranganayaki Dr. V. Samuthira Pandi Ms. B. Lalithambigai Dr. S. Madhan Kumar Ms. Malarkodi M	External External External External External External External External AP - CSE	A Distributed Security Model for Cloud-Integrated Computer Networks and IoT Systems	20/02/2026 (P) 05/02/2026 (F)
28	202541133298 (MCET)	Dharani S Dr K. Saranya K.C. Rajarajeswari	AP - ACT AP - EEE AP - EEE	An IoT-Enabled Intelligent Aqua Sense Purifier with Essential Mineral Level Tracking and Optimization System	27/02/2026 (P) 27/12/2025 (F)
29	202541133967 (MCET)	S.Abiramasundari	AP - ACT	Muitiband Microstrip Patch Antenna for Non Terrestrial Network Application	27/02/2026 (P) 27/12/2025 (F)
30	202641007339 (Dr.MCET) - 3MIPR	Dr. R. Ranjana Ms. S.R. Indurekaa	AP - AIDS AP - AIDS	Accessible Smart Pill Dispenser with Audio Guidance, Tactile Controls, and Automated Scheduling	06/02/2026 (P) 25/01/2026 (F)

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31	202541131222	K. Kanagasabapathi C. Thirunavukkarasu Dr. Ranjana R Dr. S. Nithya Indurekaa SR M. Masilamani D.C. Kiruthikka	AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS	AI Driven Threat Prediction and Anomaly Detection in Industrial IOT Networks	27/02/2026 (P) 24/12/2025 (F)
32	202541132806 (MCET)	M. Arun P.M. Tarun Vignesh C. Akilesh	AP - AIDS Student Student	Education Score Forecasting System Using AI	27/02/2026 (P) 27/12/2025 (F)
33	202541132807 (MCET)	K. Tamilselvi K. Ananthi R. Rathika	AP - AIDS AP - AIDS AP - AIDS	Environment -Control Ensemble For Classroom Air Quality Management Using Sensor-Driven Iot Coordination	27/02/2026 (P) 27/12/2025 (F)
34	202541133582 (MCET)	Thirunavukkarasu C Kanagasabapathi K Dr.Barakkath Nisha U Bhuvaneshwar J K Dhanush M Sunilraja M Giri M	AP - AIDS AP - AIDS AP - AIDS student student student student	IOT Integrated Ulavar Assistant for Smart Farming With Voice Interaction, Pest Detection, And Market Intelligence	27/02/2026 (P) 27/12/2025 (F)
35	202541132965 (MCET)	V.Eswaramurthy Dr.J.Ramprasath	AP - AIDS HOD - AIDS	A Machine Learning Based System and Method for Detecting Sandbox Evasion Techniques in Malware	27/02/2026 (P) 27/12/2025 (F)
36	202541133965 (MCET)	K. Ananthi K. Tamilselvi R. Rathika	AP - AIDS AP - AIDS AP - AIDS	Agentic Ai Hardware System Using Large Language Models For Distributed Iot Devices	27/02/2026 (P) 27/12/2025 (F)

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37	202541133974 (MCET)	M.Vijayakumar M.Bhagavathi Priya T.Lakshmana Kumar	AP - AIDS AP - AIDS AP - AIDS	Artificial Intelligence-Supported Conversational Advisory System for Crop, Soil and Climate	27/02/2026 (P) 27/12/2025 (F)
38	202541133973 (MCET)	Indurekaa.S.R R.Ranjana	AP - AIDS AP - AIDS	AI Vision System for Detecting and Mitigating Accidental Ingestion of Objects by Children	27/02/2026 (P) 27/12/2025 (F)
39	202541133498 (MCET)	S. Nandhini	AP - AIDS	Intelligent Crop Monitoring System Based on IoT Technologies	27/02/2026 (P) 27/12/2025 (F)
40	202541133482 (MCET)	Uma Maheshwari G	AP - AIML	Hillsafe Sentinel- Multi-Sensor Edge Informed Hill Slope Warning and Automated Response System	27/02/2026 (P) 27/12/2025 (F)
41	202541132962 (MCET)	M. Sathishkumar Dr.P.Vivekanandan T. Harish S.Prabhakaran D.Vimalraj	AP - AIML HOD - AIML Student Student Student	Intelligent Traffic Management System	27/02/2026 (P) 27/12/2025 (F)
42	202541132927 (MCET)	T.Vijaya Kumar Dr.P.Vivekanandan T. Harish S.Prabhakaran D.Vimalraj	AP - AIML HOD - AIML Student Student Student	Neuro Behavioral Digital Twin System for Predicting Human Emotional and Cognitive Responses	27/02/2026 (P) 27/12/2025 (F)
43	202541133482 (MCET)	Yamunadevi S	AP - AIML	A Real-Time Bus Tracking System for Low-Connectivity Environments	27/02/2026 (P) 27/12/2025 (F)

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44	202541133970 (MCET)	M. Ponmurugan Mr. M.Mahendran V.D. Tamilarasan	AP - AUTO AP - AUTO AP - AUTO	Cost Effective, Lightweight, and Retrofit NVH Enhancement Frame for Ageing Fleets	27/02/2026 (P) 27/12/2025 (F)
45	202541133971 (MCET)	C.Radhakrishnan D.Shanmugam S.Ayyappan S.Shanthakumar	AP - AUTO AP - AUTO ASP - MECH Student	Continuous Biomass Pyrolysis System Using Rotating Reactor	27/02/2026 (P) 27/12/2025 (F)
46	202541133975 (MCET)	J. Dinesh Kumar P. Govindasamy M. Jayaraj	AP - AUTO Principal - MCET AP (SG) - MECH	High-Speed Coir Fiber Pulverizer With Integrated Grinder Using Centrifugal Force and Air Swirling Mechanism	27/02/2026 (P) 27/12/2025 (F)
47	202541133487 (MCET)	R. Vishnu RameshKumar Dr.K.Sakthivadivel Dr.D.Shanmugam	AP - AUTO AP - AUTO AP - AUTO	Laser Based Metal Deposition Over Titanium for Implant Structures	27/02/2026 (P) 27/12/2025 (F)
48	202541133976 (MCET)	M.Mahendran M. Ponmurugan S. K.Ashok	AP - AUTO AP - AUTO AP - AUTO	Clip-On Repair Device for Drip Irrigation Pipes	27/02/2026 (P) 27/12/2025 (F)
49	202541133976 (MCET)	S.Mahalingam Dr.T.Saravana Kannan R.B.Rajeshkumar	AP - AUTO Research Associate - AUTO AP - AUTO	An Artificial Hexa Tree for Urban Carbon Dioxide Removal	27/02/2026 (P) 27/12/2025 (F)

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50	202541133551 (MCET)	V.D.Tamilarasan	AP - AUTO	Multifunctional Police Baton Stick with Integrated Adjustable Sitting Setup for Duty Personnel	27/02/2026 (P) 27/12/2025 (F)
51	202541133481 (MCET)	R. Anuja Dr. S.Raja Rajeswari	AP - CIVIL AP - MCA	Sensor Based Automated Waste Segregation System	27/02/2026 (P) 27/12/2025 (F)
52	202541132930 (MCET)	M Sudharsanan P.S. Sathish Kumar	AP - CIVIL AP - CIVIL	Layered Shock Absorbing Panel Using Silica Fume Modified Outer Layers and Crumb Rubber Concrete Core	27/02/2026 (P) 27/12/2025 (F)
53	202541133492 (MCET)	S. Sharmila Dr. N. Natarajan S. Dineshkumar	AP - CIVIL AP - CIVIL AP - CIVIL	A Plant-Based Internal Curing Cement Mortar Composition	27/02/2026 (P) 27/12/2025 (F)
54	202541133485 (MCET)	P.S. Sathish Kumar M. Sudharsanan	AP - CIVIL AP - CIVIL	Bamboo Reinforced Composite Panels with Resin Treated Interlayers	27/02/2026 (P) 27/12/2025 (F)
55	202541133494 (MCET)	A. Manikandan	AP - AUTO	Hybrid Interlocking Paverblocks Using Industrial Waste and Natural Fibre	27/02/2026 (P) 27/12/2025 (F)
56	202641011164 (MCET) 3M IPR	Dr.U.Barakkath Nisha Dr. R. Yasir Abdullah Dr. D. Sivaganesan Dr. N. Senthil Madasamy	AP - CSE AP - CSE HOD- CSE AP - CSE	An Edge AI-Enabled Adaptive Neck Rest System with Real-Time Posture Monitoring and Embedded Feedback Mechanism	13/02/2026 (P) 03/02/2026 (F)

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57	202541132805 (MCET)	D. Vikram S. Nagarajan Dr. S. Kirubakaran	AP - CSE AP - CSE AP - CSE	AI Ransomware Detection Using LSTM Model	27/02/2026 (P) 27/12/2025 (F)
58	202541132808 (MCET)	K. Radha K.Prabhu R. Binisha	AP - CSE AP - CSE AP - CSE	Multilayer Dynamic Intent-Aware Path Planner for Mobile Robots	27/02/2026 (P) 27/12/2025 (F)
59	202541132986 (MCET)	S. Gayathri K.Prabhu	AP - CSE AP - CSE	AI Based Hardware Architecture with Neural Network Inference Engine For Mitigation Of Network Attacks	27/02/2026 (P) 27/12/2025 (F)
60	202541132901 (MCET)	Malarkodi M Nagarajan S Vikram D	AP - CSE AP - CSE AP - CSE	An Automated System and Method For Migrating Oracle Databases to Snowflake Using Intelligent Schema Mapping, Script-Based Automation, And Data Validation	27/02/2026 (P) 27/12/2025 (F)
61	202541132953 (MCET)	Devipriya C Suganya B Divyapriya S	AP - CSE AP - CSE AP - CSE	Smart Helmet With Dynamic Visibility Shield And Thermal Stress Alert System	27/02/2026 (P) 27/12/2025 (F)
62	202541133972 (MCET)	P. Boopathi Rajan N.Sumathi S.C.Lavanya	AP - CSE AP - CSE AP - CSE	A Defensive Smart Helmet for Real-Time Obstacle Detection During Motorcycle Drive	27/02/2026 (P) 27/12/2025 (F)
63	202541133984 (MCET)	S. Devilavanya	AP - CSE	Energy-Efficient Mobile Charging Socket with Automatic Power Control	27/02/2026 (P) 27/12/2025 (F)

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64	202541133505 (MCET)	J.Santhiya	AP - CSE	GPS-Based Contextual Reminder System with Auto-Trigger Notifications	27/02/2026 (P) 27/12/2025 (F)
65	202541133353 (MCET)	D.Manoj Kumar S. Nagarajan K.Prabhu	AP - CSE AP - CSE AP - CSE	AI Powered Communication Platform For Deaf and Mute	27/02/2026 (P) 27/12/2025 (F)
66	202541133977 (MCET)	T. Kanagasabapathy J. Ramprasath	AP - CSE AP - CSE	AI-Driven Adaptive Ambient Cooling Device Using Phase-Change Micro-Modules	27/02/2026 (P) 27/12/2025 (F)
67	202541133981 (MCET)	S. Senthil Prabhu B.Suganya	AP - CSE AP - CSE	Smart Crowd Panic Detection Beacon	27/02/2026 (P) 27/12/2025 (F)
68	202541133964 (MCET)	S. Nagarajan K.Prabhu D.Manojkumar	AP - CSE AP - CSE AP - CSE	Machine Learning System For Predicting Traffic Congestion Using Multimodal Sensor Fusion and Adaptive Signal Control	27/02/2026 (P) 27/12/2025 (F)
69	202541133002 (MCET)	S.Saranya	AP - CYS	An Automated Network Vulnerability Scanning and Risk Prioritization System Using Nessus	27/02/2026 (P) 27/12/2025 (F)
70	202541133502 (MCET)	V. Shamugaveni M.Jotheeswari P.Logeshwara S.P.John Daniel R.Rathina Vel	AP - CYS AP - CYS student student student	Smart Malware Detection using Images and Deep Learning	27/02/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
71	202541133559 (MCET)	M. Jotheeswari V.Shanmugaveni Mohanak Rishnan N S Gokulak Rishnan K Vishnu Prasanth V	AP - CYS AP - CYS student student student	Atlas – The Autonomous AI Admission Robot	27/02/2026 (P) 27/12/2025 (F)
72	202541133578 (MCET)	Mrs. K.C.Rajarajeswari Dr. N.Saravanakumar Mrs.Dharani.S Mr. K.R.Gokul anand	AP - ECE AP - ECE AP - ECE AP - ECE	A Dual-Gas Based Protective Device for Women Incorporating Helium-Aided Vocal Amplification and Carbon-Monoxide Assisted Neutralization	27/02/2026 (P) 27/12/2025 (F)
73	202541133311 (MCET)	R Sherine Jenny R Sudhakar N Sugirtham M.Sneka Venkateswar	AP - ECE AP - ECE AP - ECE student	Mobile-App Controlled Lawn Trimming, Cleaning and Sprinkling System	27/02/2026 (P) 27/12/2025 (F)
74	202541134242 (MCET)	Senbagam B Bharathi S	AP - ECE AP - ECE	Smart Floor Cleaning Apparatus	27/02/2026 (P) 27/12/2025 (F)
75	202541133563 (MCET)	Chairman M Vignesh M Bhuvaneshwari V	AP - ECE AP - ECE AP - ECE	An Adaptive Irrigation Control System Based on Crop Growth Stage Identification and Localized Weather Prediction	27/02/2026 (P) 27/12/2025 (F)
76	202541133484 (MCET)	N Sugirtham Dr. R.Sudhakar Dr.R Sherine Jenny A.Suriya	AP - ECE AP - ECE AP - ECE student	Smart Helmet for Accident Prevention and Rider Safety	27/02/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
77	202541133969 (MCET)	S.Thilagavathi R.Sudhakar A.Arundharsaun Dr.V.Gurunahan	AP - ECE Head -Student Research student AP - ECE	AI-Powered Intelligent Post-Harvest Seed Sorting and Packaging System for Agriculture Automation	27/02/2026 (P) 27/12/2025 (F)
78	202541133304 (MCET)	K.R. Gokul Anand Dharani.S K.C. Rajarajeswari	AP - ECE AP - ECE AP - ECE	Autonomous Micro Green Cultivation System	27/02/2026 (P) 27/12/2025 (F)
79	202541132804 (MCET)	A. Venkatesh Dr.A.Senthilkumar K.Durgalakshmi	AP - EEE AP - EEE AP - EEE	Adaptive State-of-Charge Estimation System for Electric Two-Wheelers Operating under Varying Load Conditions	27/02/2026 (P) 27/12/2025 (F)
80	202541133980 (MCET)	M.Saravanakumar L Chitra V.Karpagam	AP - EEE AP - EEE AP - EEE	Compact Inline Micro-Turbine System for Energy Production in Agricultural Irrigation Pipes	27/02/2026 (P) 27/12/2025 (F)
81	202541133968 (MCET)	Hubert Tony Raj .L Venkatesh A Durgalakshmi. K	AP - EEE AP - EEE AP - EEE	A Stand-Alone Body Mass Index Indicator for Health Care Professionals	27/02/2026 (P) 27/12/2025 (F)
82	202541133564 (MCET)	M.Prabhu Raj Dr. L.Chitra M.Saravanakumar	AP - EEE AP - EEE AP - EEE	Air - Cooled Solar PV Roofing System	27/02/2026 (P) 27/12/2025 (F)
83	202541133560 (MCET)	K.Durgalakshmi Dr. B. Kannapiran A. Venkatesh	AP - EEE AP - EEE AP - EEE	A Standalone Embedded System for Real-Time Poultry Weight Classification and Sorting	27/02/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
84	202541133560 (MCET)	Nagarajan J Abiswasthika S Parvatha Varthini T Soundarya S Boomiga S Mridini S G	AP - EEE student student student student student	IOT-Based Smart Bed Automatic Cuffless Blood Pressure Monitor	27/02/2026 (P) 27/12/2025 (F)
85	202541133480 (MCET)	J. Arthur Vasanth A. K. Parthasarathy K. Subiksha	AP - EEE student student	System and Method to Send Alert Message/Voice Call at Emergency Situation for Women Safety	27/02/2026 (P) 27/12/2025 (F)
86	202541133503 (MCET)	P.E. Kamalakkannan S. Anthony Jesudurai	AP - EEE AP - EEE	Anti Corrosion Coating With Oil Spraying and Air Drying Mechanism for Knuckle Manufacturing Industrial Applications	27/02/2026 (P) 27/12/2025 (F)
87	202541133496 (MCET)	Gnanaprakasam D Dr. Saravana Kumar N Dr.K.Vijayakumar	AP - EEE AP - EEE AP - EEE	Automatic Water Level Controller With Pump and Overhead Tank Monitoring	27/02/2026 (P) 27/12/2025 (F)
88	202541132809 (MCET)	P Vanjipriya Dr.K.Saranya	AP - VLSI AP - VLSI	System and Method for a Wearable IoT Bio- Patch with VLSI Processing and Prediction Engine	27/02/2026 (P) 27/12/2025 (F)
89	202541133486 (MCET)	Sam Suresh.J	AP - VLSI	Battery Less Rf Powered Smart Id Tag with Wireless Triggered Visual Identification	27/02/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
90	202541133549 (MCET)	S Jeya Nandini Dr.N.Saravanakumar	AP - VLSI AP - VLSI	Machine Learning Assisted Adaptive Ldpc Decoding Method for 5G Communication Systems	27/02/2026 (P) 27/12/2025 (F)
91	202541133411 (MCET)	T.Sumathi	AP - IT	Dual-Mode Solar-Powered Shoe Odour Removal Box with Integrated Blue Light Sterilization	27/02/2026 (P) 27/12/2025 (F)
92	202541133985 (MCET)	Dr. S. Ramakrishnan Mr.N.Praveen Sundra Kumar	Dean - RI AP - IT	Texture-Invariant Malware Detection Using Deep Learning Gan Network	27/02/2026 (P) 27/12/2025 (F)
93	202541132981 (MCET)	Deepa S Selvanayaki S	AP - IT AP - IT	Deep Learning based Multimodal Imaging System for Precision Diagnosis of Plant Leaf Diseases	27/02/2026 (P) 27/12/2025 (F)
94	202541133350 (MCET)	Kalaivani P Dr.S.Ramakrishnan	AP - IT Dean - RI	Federated Learning–Based Persona Modeling System for Privacy-Preserving Cross- Application Recommendations	27/02/2026 (P) 27/12/2025 (F)
95	202541133483 (MCET)	R.Govindaraj	AP - IT	Smart Insole System with Mobile App For Real- Time Gait Analysis	27/02/2026 (P) 27/12/2025 (F)
96	202541132914 (MCET)	G Saranya Dr.S.Ramakrishnan	AP - IT Dean - RI	Drivers Drowsiness Detection Using Federated Learning	27/02/2026 (P) 27/12/2025 (F)
97	202541133504 (MCET)	Selvanayaki S Geethanjali S Priyadharshini R	AP -IT student student	Smart Agricultural Product Grading System	27/02/2026 (P) 27/12/2025 (F)

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98	202541133490 (MCET)	K Saranya Dr.S.Ramakrishnan	AP - IT Dean - RI	Wearable Wristband Turn-Indicator System with Tilt-Activated LED Signaling for Two-Wheel Riders	27/02/2026 (P) 27/12/2025 (F)
99	202541133562 (MCET)	Dhyaneswaran J Prabhu R	AP - IT AP - IT	Decentralized Loyalty Programme: A Blockchain-Based Customer Retention System for Multi-State Retail Chains	27/02/2026 (P) 27/12/2025 (F)
100	202541133579 (MCET)	M Sivakumar	AP - IT	Relative Humidity–Adaptive Irrigation Management System	27/02/2026 (P) 27/12/2025 (F)
101	202641018696	Dr. S. Subbaraj Dr. M Santhosh Mr. S. Karthick Dr. Gurupranes S V Mr. Subashkaran Rajaram Mr. R. Senthil Nehru Dr. M. Yuvaraj Dr. K. M. Kumar	External External External AP (SS) - MECH External External External External	Evaluating the Mechanical Properties and Microstructure of Basalt-Kenaf Polyester Composites with Cellulose Fillers	27/02/2026 (P) 19/02/2026 (F)
102	202541133429 (MCET)	K.Vijayakkannan S.Sathyapriya M.Jayaraj V Vishnu Prasanth V Aravind	AP - MECH AP - MCA AP - MECH student student	Develop A Pneumatic Jack With Air-Inflator For Four Wheeler	27/02/2026 (P) 27/12/2025 (F)
103	202541133963 (MCET)	Naveen Kumar. S N. Shanmuga Sundaram K. Sasikumar	AP -MECH AP -MECH AP -MECH	Self-Healing Natural Fiber Composite Panel Using Microcapsulated Resin	27/02/2026 (P) 27/12/2025 (F)

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104	202541133336 (MCET)	K.Sasikumar Dr.K.Hariharan	AP -MECH AP -MECH	Manually Actuated Pantograph-Based 3D Bioprinter for Controlled Deposition of Biomaterials	27/02/2026 (P) 27/12/2025 (F)
105	202541133420 (MCET)	M. Padmanaban M.Jayaraj N.Shanmuga Sundaram A.Harith Kumar	AP -MECH AP -MECH AP -MECH student	Portable Lever based Coconut Dehusker	27/02/2026 (P) 27/12/2025 (F)
106	202541133966 (MCET)	J.Venkatesh Rama Thirumurugan D.Nathan	AP -MECH AP -MECH AP -MECH	Efficient Heat Recovery in Solar Thermal Collector for Water Heating Using Serpentine Pattern Configuration	27/02/2026 (P) 27/12/2025 (F)
107	202541133580 (MCET)	Gideon Ganesh M	AP - MECH	A Motorized Rotary Welding Fixture for Multi-Joint Robotic Arc Welding Applications	27/02/2026 (P) 27/12/2025 (F)
108	202541133982 (MCET)	R.Gunasekaran Ramathirumurugan M.Saravanakumar	AP -MECH AP -MECH student	Dimpled Micro-EDM Tool Electrode With Dual-Part Precision Fixture for Enhanced Machining Performance in Micro-Scale Applications	27/02/2026 (P) 27/12/2025 (F)
109	202541133561 (MCET)	Mr.Sreejith S Nair Dr.D.Nathan Dr.M.Jayaraj	AP -MECH AP -MECH AP -MECH	A Manually Operated Chain-Driven Precision Seed Planting Machine	27/02/2026 (P) 27/12/2025 (F)
110	202541133979 (MCET)	S. Sathyapriya K. Vijayakkannan M.Jayaraj	AP -MCA AP -MECH AP -MECH	Design and Development of a Safe Drying System for Leather Cricket Balls	27/02/2026 (P) 27/12/2025 (F)

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111	202541133581 (MCET)	S.Divya Vahini S.Sathyapriya N.Suganth B.Sweetha	AP -MCA AP -MCA student student	Refrigerator with AI-Based Food Shelf-Life Estimation and Alert System	27/02/2026 (P) 27/12/2025 (F)
112	202541133983 (MCET)	N. Chithra S. Parveen B.Saravanakumar	HOD - S&H AP - S&H AP - S&H	Graphitic Carbon Nitride Embedded Zinc Oxide As Composite Electrode Material For Supercapacitor Application	27/02/2026 (P) 27/12/2025 (F)
113	202541133433 (MCET)	B. Maheswari N.Punitha	AP - S&H AP - S&H	IOT-Enabled Fuzzy Logic-Based Adaptive Smart Waste Collection Bin System	27/02/2026 (P) 27/12/2025 (F)
114	202541133583 (MCET)	N.Punitha B.Maheswari A.Saranya	AP - S&H AP - S&H AP - S&H	A Differential Equation–Based Predictive Method For Solar-Controlled Waste Degradation With Minimized Emissions	27/02/2026 (P) 27/12/2025 (F)
115	202641000069 (MCET)	G. Karthikeyan J. Ramprasath	AP - ACT HOD - AIDS	Semi-Autonomous Sludge Extraction and Wall Sterilization System For Underground Water Reservoirs	06/03/2026 (P) 27/12/2025 (F)
116	202641000068 (MCET)	R.Rathika K.Tamilselvi K.Ananthi	AP - AIDS AP - AIDS AP - AIDS	Cloud Ransomware Detection Using Digital Twin and AI Simulation Models	06/03/2026 (P) 27/12/2025 (F)

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117	202641000107 (MCET)	K.Kanagasabapathi J. Ramprasath C. Thirunavukkarasu Thaslima Nasrin S Mahidhar M Vivin K	AP - AIDS AP - AIDS AP - AIDS student student student	Multi-Mode Eco Rider with Automated Battery Switching And Physically Handicapped Driver Support	06/03/2026 (P) 27/12/2025 (F)
118	202541133500 (MCET)	Sushma V P Juhi B M Hemalatha J Rithika S N	AP - AIDS student student student	AI Smart Glass for Visually Impaired	06/03/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
119	202641021725	Dr.P.Vivekanandan S.Saravanakumar Rini Angeline Vinshia Kishore Balasubramanian K.Kaniyarasu R.Mithuna M.Nanthini D.Karthik Raj S.Gowtham A.Hari Prashad	AP - AIML AP - AIML AP - AIML AP - EEE AP - AIML AP - AIML AP - AIML student student student	AI-Driven Context-Aware Communication Protocol for Optimising Data Flow In Distributed IoT Networks	06/03/2026 (P) 27/12/2025 (F)
120	202541133488 (MCET)	R.B.Rajeshkumar S.Mahalingam N.Dhamodharan	AP - AUTO AP - AUTO AP - AUTO	Hybrid Solar-IC Micro Utility Vehicle	06/03/2026 (P) 27/12/2025 (F)
121	202541133489 (MCET)	Dhamodharan Dr.K.Sakthivadivel R.B.Rajeshkumar	AP - AUTO AP - AUTO AP - AUTO	Intelligent Luggage and Traveller Supporter Trolley	06/03/2026 (P) 27/12/2025 (F)
122	202641000075 (MCET)	A. Praveen Kumar S. Krishnakumar	AP - CIVIL AP - CIVIL	Paver block with plastic chips and wire mesh	06/03/2026 (P) 27/12/2025 (F)
123	202641000065 (MCET)	S. Dineshkumar Dr. N. Natarajan S. Sharmila	AP - CIVIL AP - CIVIL AP - CIVIL	Hybrid Solar Thermoelectric Lighting Tile System	06/03/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
124	202641033563	Dr. K. Akil Dr. S. Deepa Shri R. Anuja Suprith S Ravikumar P Raguraman B Shabeer Ahamed	External External AP - CIVIL External External External External	Lightweight Concrete Using Industrial By-Waste	27/03/2026 (P) 19/03/2026 (F)
125	202641000109 (MCET)	G. Deepa R. Ramesh J. Ramprasath S. Sathyapriya	AP - CSE AP - S&H HOD - AIDS AP - MCA	AI-Driven Cervical Digital Twin With Non-Invasive Multimodal Sensor Fusion	06/03/2026 (P) 27/12/2025 (F)
126	202541133499 (MCET)	Lavanya. S.C P Boopathi Rajan N.Sumathi	AP - CSE AP - CSE AP - CSE	Intelligent Medicine Box	06/03/2026 (P) 27/12/2025 (F)
127	202541133491 (MCET)	B.Suganya S. Senthil Prabhu C.Devipriya	AP - CSE AP - CSE AP - CSE	Adaptive Noise Masking Earbuds with Cognitive Load Detection for Focus Enhancement	06/03/2026 (P) 27/12/2025 (F)
128	202641000078 (MCET)	N.Sumathi S.C.Lavanya P.Boopathirajan	AP - CSE AP - CSE AP - CSE	A System and Method for Predicting Severity of Hemophilia a Disease using Ensemble Learning Model	06/03/2026 (P) 27/12/2025 (F)
129	202641000110 (MCET)	Prasanna Blessy M Kiruthika DC	AP - CYS AP - CYS	A Multi - Stage Context - Validated Emergency Alert Mechanism	06/03/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
130	202541133501 (MCET)	E.Gayathiri K.Tamilselvi R.Abinesh	AP - CYS AP - CYS student	AI-IOT Enabled Radar Sensing System For Intelligent Train Accident Prevention And Environmental Monitoring	06/03/2026 (P) 27/12/2025 (F)
131	202641000066 (MCET)	V. Bhuvaneshwari	AP - ECE	Adaptive Queue Alert and Guidance System	06/03/2026 (P) 27/12/2025 (F)
132	202541133497 (MCET)	R.Pavithra Dr.V.K.Sudha	AP - ECE HOD - ECE	Adaptive Postural Micro-Adjustment in Ergonomic Seating	06/03/2026 (P) 27/12/2025 (F)
133	202541133493 (MCET)	Shafeek A Dr. R. Sudhakar Dr. C. Moorthy	AP - ECE Dean - SRC AP - ECE	AI-IOT Enabled Radar Sensing System For Intelligent Train Accident Prevention And Environmental Monitoring	06/03/2026 (P) 27/12/2025 (F)
134	202541133495 (MCET)	R.Muthubharathi Dr. B.Vinothkumar Dr.V . Karpagam	AP - EEE AP - EEE AP - EEE	AI Enhanced Solar Power Juicer	06/03/2026 (P) 27/12/2025 (F)
135	202621008087	Chhaya Moghe G.V.S. Ananthanath Dr. Rani Venkata Satya Praveen D. Gnanaprakasam Ravi Teja Aida Venu Pantangi Karthik Aryaman Rani Dr. K. Sivakami Punitha N Dr. K. Mohanaprakash Dr. K. Poongothai Dr. Avadhesh Kumar Koshal	External External External AP - EEE External External External External External External External External	IOT-Edge system with self-healing sensors for autonomous crop and weather monitoring in farm management	13/03/2026 (P) 27/01/2026 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
136	202641000067 (MCET)	S. Soundariya S. Ramakrishnan	AP - IT Dean - RI	AI-Enabled Smart Plant Shelf with Predictive Care And Automated Plant-Care Recommendation	06/03/2026 (P) 27/12/2025 (F)
137	202641000077 (MCET)	D. Janani S. Ramakrishnan	AP - IT Dean - RI	Rule-Integrated Explainable Ai Framework for Multimodal Clinical Diagnosis	06/03/2026 (P) 27/12/2025 (F)
138	202641000074 (MCET)	Prabhu R Dhyaneshwaran J Sathiyapriya T	AP - IT AP - IT AP - IT	Multi-Source Cross-Verification and Trust Scoring Engine for Detecting Fake and Manipulated Social Media Content	06/03/2026 (P) 27/12/2025 (F)
139	202641000108 (MCET)	P.Rajeswari J.Ramprasath	AP - IT HOD - AIDS	System and Method For Securing Data Using Multi-Factor Key Fusion	06/03/2026 (P) 27/12/2025 (F)
140	202641000076 (MCET)	Sudhishna K S Dr.S.Rama Krishnan	AP - IT Dean - RI	A Smart Helmet- Facial Analysis System for Detecting Psychological Risk States and Triggering Safety Interventions for Two-Wheeler Riders	06/03/2026 (P) 27/12/2025 (F)
141	202641000064 (MCET)	G.Keerthika Dr.S.Ramakrishnan Dr. A.G. Priya Varshini	AP - IT Dean - RI AP - IT	Privacy-Preserving Encrypted Vehicle Damage Image Retrieval and Similarity Search Framework For Insurance Claim Assessment	06/03/2026 (P) 27/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
142	202641029302	B. Priyanka Shweta Barshe R. V. Kavya Dr. K. Kalaiselvi Sanjay Kumar Pandey Dr. P. Sangeetha Vaibhavi Patel Manjit Kumar Nayak Shrirang Hanmant Atre Dr. S. B. Chavhan	external external external AP - S&H external external external external external external	Edge-Cloud Collaborative Intelligence System for Large-Scale Data Processing	20/03/2026 (P) 11/03/2026 (F)
143	202641029302	Dr. Ch. Nagalakshmi Dr. A. Venkatesh Ms. R. Nishanthi Dr. T. Rabeeh Ahamed Dr. S. B. Chavhan Dr. Namdev Shivajirao Jadhav Suraj Digambarrao Panchal Dr. Sunil Kumar Singh Dr. M. Gowrisankar Lokhande Ashwini Ghanshyam Mr. Amol Manikchand Lakeri	External External AP - S&H External External External External External External External External	Computational System for Predicting Epidemic Spread Using Differential Equation Models	27/03/2026 (P) 19/03/2026 (F)
144	202641041875	Palani Subiramanian Dr. Yasir Abdullah R Mr. L. Vetrivel Dr. Sajeew Ram Mr. M. Satish kumar Ms. Mannisha Ms. Avanthikaa S S Ms. Madhumitha R Ms. Aathilakshmi S P	External AP - AIDS External External External External External External External	A Compact Multi-Sensor Propulsion-Assisted Diagnostic Probe for Pre-Entry Hazard Detection and Blockage Identification in Underground Sewer Systems	10/04/2026 (P) 01/04/2026 (F)

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145	202641036330	Mr. Haribabu S Dr. SP. Karuppiah Dr S. Sujanthi Dr. G. Elizabeth Rani	External External External AP - CYS	Autonomous Cloud Resource Optimization System using Reinforcement Learn-ing Techniques	10/04/2026 (P) 25/03/2026 (F)
146	202621021563	Pravin, A. Ajith, V. Umadevi, D. Prakash, V. Regina Delcy, Ch. Nagalakshmi, Suba rathi Priya T, Pathare yogesh, Ajay Deonath, Vaisali Balasaheb, Kapsi Chaitali	External AP - S&H AP - S&H AP - S&H AP - S&H External External External External External	Chemical and Thermal Freeze-Out Condition in High Energy Physics within the Tsallis Statistical Framework	10/04/2026 (P) 24/02/2026 (F)
147	202641059346	P Devabalan A P Janani T Sangeetha L Rajesh	External AP - IT External External	An AI-Enabled IoT and Blockchain Integrated Smart Healthcare Application with Wearable Device Integration and Predictive Analytics for Telemedicine Services	10/05/2026 (P) 22/05/2026 (F)
148	202641041604	Ms. Manoranjani M Dr. Kishore. A Dr. B. Bala Vijaya Priya Dr. P. Jayakumar Dr. X. Disalva Dr. Arunkumar Ms. Jennifer Rani Mr. Ramakrishnan Dr. Santhosh. P Dr. Arun.G	External External AP - S&H External External External External External External External	AI-Based Intelligent Vocabulary Learning and Improvement System Using Contextual Paraphrasing and Adaptive Language Enhancement Techniques	29/05/2026 (P) 01/04/2026 (F)

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LIST OF GRANTED DESIGN PATENT

JUN-2025 to MAY-2026				Total Numbers: 27	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	449051-001	Nachimuthu S Dr. R. Sathiskumar Dr. S. Seenivasan Dr. S.V. Gurupranes Dr. N. Balamurali Dr. A. Tajdeen Mr.M. Lohit	External External External AP - Mech AP - Mech External Student - Mech	Portable Food Analyzer Machine	24-02-2025 (F) Journal No is 24/2025 and Journal Date is 13/06/2025
2	411682-001	Dr. S. Ayyappan Mr.A.Vetrivel Dr.Rama.Thirumurugan Dr.M.Jayaraj Mr.C.Radhakrishnan Mr.S.V.Gurupranes Dr.D.Nathan	ASP - MECH Student of MECH Prof - MECH AP(SG) - MECH AP - MECH AP - MECH ASP - MECH	Multi-core pin coupling	27/03/2024 (F) Journal No is 32/2025 and Journal Date is 08/08/2025
3	461892-001	Praveen Singh Tomar K.C.Theepika Dr.Shabir Ahmed Qureshi V. Suryanarayanareddy Dr. Parthasarathi Murugesan S. Rajalakshmi	External AP - MCA External External External External	AI BASED REAL TIME CARDIOVASCULAR DISEASE DETECTION DEVICE	11/06/2025 (F) Journal No is 34/2025 and Journal Date is 22/08/2025

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
4	459451-001	Komal Sharma Dr J Vijay Franklin Doraboyina Prabhu Kumar Dr Kishore Balasubramanian Dr. Capt. Kambhampati Sujatha Dr. Vijay Singh Neha Yadav Dr. Amit Chauhan	External External External AP - EEE External External External External	Device For Facial Recognition Using Computer Vision	19/05/2025 (F) Journal No is 36/2025 and Journal Date is 05/09/2025
5	463711-001	Dr. S.V Gurupranes Dr.N.Balamurali Mr. J.Nagarajan	AP(SS) - MECH AP(SS) - MECH AP(SS) - EEE	Portable Concrete Mixing Machine	27/06/2025 (F) Journal No is 45/2025 and Journal Date is 07/11/2025
6	466706-001	Dr. M. Beulah Viji Christiana Mr. P. Anbarasan K Ananthi Dr. M. Balakrishnan Ms. S. Vijayalakshmi Mahendra Pratap Swain	External External AP - AIDS AP - AIDS External External	A Device for Wealth Management With Personalized Goals	21/07/2025 (F) Journal No is 48/2025 and Journal Date is 28/11/2025

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
7	438697-001	Dr. Rama thirumurugan Dr. D. Shanmugam Dr. M. Jayaraj Dr. D. Nathan Dr. N. Shanmuga Sundaram Lohit M Sharveshwaran R.S	Professor & head - Mech Professor & head - Auto Assistant Professor (SG) Associate Professor Associate Professor IV year - Mech IV year - Mech	Acoustic Amplifier Mobile Case	28/11/2024 (F) Journal No is 51/2025 and Journal Date is 19/12/2025
8	6494706 (UK Patent)	Abhideep Tiwari Prof. Dr. Khalid Ahmed Aldharae VRD Swathi Nellipudi Dr.Sampath Kumar Lakshmi Dr. Nallakannu Senthil Madasamy Dr. Jaya Gadge Prof. Priyanka Verma Dr. Tarun Kumar Tayal	External External External External ASP - CSE External External External	AI based device for Crop Health Monitoring and Early disease Detection	Date of Filing- 22/12/2025 Date of Publish- 09/01/2026 Date of Grant- 09/01/2026
9	471215-001	Mr. Raja R Ms. V. Rekha Dr. Harikrushna Gantayat Dr. T R Vedhavathy Mr. R Alexander Ms. R Reni Hena Helan Dr. G. Elizabeth Rani	External External External External External External AP - CYS	Machine Learning Based Vehicle Movement Tracking Device	26-08-2025 (F) Journal No is 02/2026 and Journal Date is 09/01/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
10	475941-001	Ms. S. Mohana Priya Mr. Vinoth Kumar Arumugam Dr. R. S. Venkatesan Mr. K. Sambath Kumar Ms. Hubert Mary L Mr. Pradeep G Dr. Dinesh S	External External AP(SS) - ECE External External External External	Device for Analysis and Monitoring Cyber Crime	06-10-2025 (F) Journal No is 02/2026 and Journal Date is 09/01/2026
11	481913-001	Dr. J. Divakaran Dr. A. Prabhakaran Ms. V. Bhuvaneshwari Mr. M. Sivakumar Mr. K.R. Gokul Anand Mr. D. Manojkumar Ms. G. Gayathri Ms. A. Jayalakshmi	AP(SS) - ECE External AP(SS) - ECE AP(SS) - IT AP(SS) - ECE AP(SS) - CSE AP(SS) - CSE AP(SS) - CSE	Multi-Sensor Controlled Smart Fan	28-11-2025 (F) Journal No is 04/2026 and Journal Date is 23/01/2026
12	475452-001	Dr. Ankarao Mogili Mr. P.E. Kamalakkannan Mr. Aruljothi Kuppannan Dr. T. K. Sethuramalingam Dr. Shailendra Kumar Bohidar Dr. Sumit Kushwaha	External AP(SS) - EEE External External External External	Circuit Breaker With IoT-Based Monitoring System	30-09-2025 (F) Journal No is 03/2026 and Journal Date is 16/01/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
13	476729-001	Dr. J. Anandakumar Raja G.V Prabhu Raj M Mr. Ashish Shrivastava Tarique Anwar Qureshi Dr. Gargi Shekhar Dr.Irissappane Dhanusu Soubache Dr. N. Muguntha Manikandan	External External AP(SS) - EEE External External External External External	Hybrid Solar–Wind Powered Electric Vehicle Charging Station	13-10-2025 (F) Journal No is 02/2026 and Journal Date is 09/01/2026
14	472441-001	Dr. Sornalakshmi M Dr. V. Samuthira Pandi Ms. Shobana D Dr. N. Saravanan Dr A.Geethapriya Dr.Sakthimohan.M Dr. R. Brindha	External External External External External AP (SG) - VLSI External	AI-Based Device for Finance Management in Banks	04-09-2025 (F) Journal No is 03/2026 and Journal Date is 16/01/2026
15	477535-001	Ms. K. Divya Mr. K. R. Gokul Anand Mr. M. Suresh Kumar Ms. S. Kokilamani Mr. J. Divakaran Ms. K. C. Rajarajeshwari Ms. A. Kousalyadevi Ms. S. Dharani	AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE	AI and Image Processing-Based Seedling Planting Machine	18-10-2025 (F) Journal No is 07/2026 and Journal Date is 13/02/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
16	427048-001	Subaranjana Anbalagan Parvas Ahamed Syed Ibrahim Sarjana Prabhakaran Narayanan Natarajan	Student Student Student AP - CIVIL	Solar Powered Fertilizer Sprayer	14-08-2024 (F) Journal No is 11/2026 and Journal Date is 13/03/2026
17	452079-001	Dr. E. Rani Dr. M. Vanathi Dr. K. Srinivasan (Relieved) Shantha Kumar K P. Ashwini S. Selvakumar B. Senthil Naathan B. Sakthi Navaneethan Dr. K. Mohan Das	External External AP - CIVIL External External External External External External	Sleek Pocket Penetrometer	19-03-2025 (F) Journal No is 13/2026 and Journal Date is 27/03/2026
18	490097-001	Mr. S. Nachimuthu Mr. V. Mathan kumar Mr. J. Nagarajan Mr. M. Lohit Mr. R.S. Sharveshwaran Mr. M. Manoj Mr. VS Sandeep	External External AP - EEE Student Student Student Student	Electric Ironing Device with Lifting Mechanism	07-02-2026 (F) Journal No is 11/2026 and Journal Date is 13/03/2026
19	458077-001	Dr. J. Jeyaranjani Dr. J Thimmia Raja Dr. T. Dhilipan Rajkumar Dr. T. Ananth Kumar Mrs. K. Ponmozhi	External AP - IT External External External	Water Quality Monitoring Device	08-05-2025 (F) Journal No is 13/2026 and Journal Date is 27/03/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
20	411693-001	Dr. S .Ayyappan	AP - MECH	Continuous Pyrolysis Reactor	27-03-2024 (F) Journal No is 13/2026 and Journal Date is 27/03/2026
21	427048-001	Gulshan banu.A A. Stephan Antony Raj B.Maheswari Subaranjani A Anuradha Pradeep R Mauleshwaran M	External External AP - S&H External External External External	Advanced 3D-Engineered Television Remote Holder with Ergonomic Design	14-08-2024 (F) Journal No is 11/2026 and Journal Date is 13/03/2026
22	484807-001	Dr. Rita Bhagwat Patil Khallikkunaisa Dr. A. Noble Mary Juliet Dr. V. Thamilarasi Dr. M. Kiruthiga Devi Dr. B. Aysha Banu Sartaj Khan Peethala Manjari Benhar	External External AP - CSE External External External External External	A Distributed Security Model for Cloud-Integrated Computer Networks and IoT Systems	23-12-2025 (F) Journal No is 15/2026 and Journal Date is 10/04/2026
23	486987-001	Dr. S. Ponni alias Sathya Dr. S. K. Ashok Mrs. N. Sumathi Mr. J. Dhyaneswaran	AP - IT AP - AUTO AP - IT AP - IT	Spectacle enabled with Mobile Connectivity for Location Tracking	12-01-2026 (F) Journal No is 15/2026 and Journal Date is 10/04/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
24	491891-001	Mr. V. Vishnuprasanth Ms B. Priyanka Mr S. Gokulkannan Dr. K. Hariharan	External External External AP - MECH	Slotted Disc for Brakes	20-02-2026 (F) Journal No is 17/2026 and Journal Date is 24/04/2026
25	487145-001	Mr. Vinoth Kumar Arumugam Dr. P. Arockia Mary Dr. M. Amutha Dr. G. Elizabeth Rani Mr. Velu Aiyyasamy Dr. Vijay Vasanth A Dr. M.Jeyaselvi	External External External AP - CYS External External External	Blockchain Based Farm Monitoring Device	13-01-2026 (F) Journal No is 18/2026 and Journal Date is 01/05/2026
26	424688-001	Dr. Gokul Chandrasekaran Dr. Saranya K Ramraj B Ravi Shankar P Gomathi N Dr. Kavin Kumar K Keerthana K Dr. Gowrishankar Velusamy	External AP - ECE External External External External External External	Smart Vision glasses for Partially Blind Person	25-07-2024 (F) Journal No is 18/2026 and Journal Date is 01/05/2026
27	488393-001	Mr. Marichamy D Dr. D. Kanchana Mr. V. Nehru Dr. M. Sakthimohan Dr. C. Selvi Mr. S. Bhoopalan Mrs. Prathipa R	External External External AP - VLSI External External External	Wireless Signal Repeater Device for Mobile Networks	24-01-2026 (F) Journal No is 18/2026 and Journal Date is 01/05/2026

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LIST OF FILED DESIGN PATENT

JUN-2025 to MAY-2026				Total Numbers: 18	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
1	462670-001	Dr.Rama Thirumurugan Dr. M. Jayaraj Dr. S.V. Gurupranes Dr.S.Madhusuthanan Mr. M. Lohit Mr. T. Karthik Mr. R. Sivasankar T. Vignesh	Prof & Head - Mech AP(SG) - Mech AP - Mech AP (SG) - Mech Student of Mech Student of Mech Student of Mech External	Design and Fabrication of a Chalk Dust Cleaner for Classroom Dusters	Reg Date: 18.06.2025
2	463711-001	S.Nachimuthu Dr. P. Raju Dr. S.V. Gurupranes Dr. N. Balamurali Mr. J. Nagarajan M. Lohit R.S. Sharveshwaran	External External AP - Mech AP - Mech AP - EEE Student of Mech Student of Mech	Portable Concrete Mixing Machine	Reg Date: 27.06.2025

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
3	466281-001	S.Nachimuthu V. Madhan Kumar Mr. J. Nagarajan M. Lohit R.S. Sharveshwaran M. Manoj V.S. Sandeep	External External AP - EEE Student of Mech Student of Mech Student of Mech Student of Mech	ELECTRIC IRONING DEVICE WITH LIFTING MECHANISM	Reg Date: 18.07.2025
4	475941-001	Ms. S. Mohana Priya Mr. Vinoth Kumar Arumugam Dr. R. S. Venkatesan Mr. K. Sambath Kumar Ms. Hubert Mary L Mr. Pradeep G Dr. Dinesh S	External External AP(SS) - ECE External External External External	Device for analysis and monitoring cybercrime	06/10/2025
5	476694-001	Mr.M.Gideon Ganesh	AP(SS) - MECH	Semi-Automated Rotary Drum Seed Ball Machine	13/10/2025

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
6	477535-001	Ms. K. Divya Mr. K. R. Gokul Anand Mr. M. Suresh Kumar Ms. S. Kokilamani Mr. J. Divakaran Ms. K. C. Rajarajeshwari Ms. A. Kousalyadevi Ms. S. Dharani	External AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE	AI and Image Pro-Cessing Based Seedling Planting	18/10/2025
7	438697-001	Dr. Rita Bhagwat Patil Khallikkunaisa Dr. A. Noble Mary Juliet Dr. V. Thamilarasi Dr. M. Kiruthiga Devi Dr. B. Aysha Banu Sartaj Khan Peethala Manjari Benhar	External External AP (SG) - CSE External External External External External	AI based device for automated code optimization	23/12/2025 (F)
8	6494706	Abhideep Tiwari Prof. Dr. Khalid Ahmed Aldhorae VRD Swathi Nellipudi Dr. Sampath Kumar Lakshmi Prabha Dr. Nallakannu Senthil Madasamy Dr. Jaya Gadge Prof. Priyanka Verma Dr. Tarun Kumar Tayal	External External External External ASP - CSE External External External	AI-Based Device for Crop Health Monitoring and Early Disease Detection	22/12/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
9	486987-001	Dr. S. Ponni alias Sathya Dr. S. K. Ashok Mrs. N. Sumathi Mr. J. Dhyaneswaran	ASP - IT ASP - Auto AP(SS) - IT AP(SS) - IT	Spectacle enabled with Mobile Connectivity for Location Tracking	12-01-2026 (F)
10	488576-001	Tamilarasan VD Yaswanth S Gokulkrishnan D Mithun Kumar K S Sakthi Vadivel K Shanmugam D	AP(SS) - AUTO Student Student Student AP(SG) - AUTO HOD - AUTO	Portable drip irrigation lateral pipe winding machine for agricultural fields	06/01/2026 (F)
11	488574-001	Tamilarasan VD Ashwin G Dhanush nirthose K Elavarasan G Shanmugam D Abinesh P Stephen R	AP(SS) - AUTO student student student HOD - AUTO student student	High articulation rear wheel H-arm knuckle for utility terrain vehicle	06/01/2026 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
12	489092-001	Mr. S. Rajeshkumar Mrs L. Reena Mrs. Shyamala Gowri S Mrs. Fathima Darras Gracy A Dr. S. Mary Rebekah Sharmila Mr. C. Manoj Prabhu Mrs. S. Suthaviji Mr. G. Ruthish kumar	External External External External External External AP - CIVIL External	Prefabricated curved road barrier	30/01/2026 (F)
13	495962-001	Mr. S. Nachimuthu Dr. A. Megalingam Murugan Dr. Rama Thirumurugan Dr. G.T. Parethe Dr. A. Tajdeen Dr. M. Kumar Dr. R. Sathiskumar	External External HOD - MECH External External External External	Automated poultry enclosure with integrated water and ventilation units	24/03/2026 (F)
14	494910-001	Mr. J. Venkatesh Dr. K. Muralidharan Dr. Rama Thirumurugan Dr. B. Anbarasan Mr. V. Sanjaykrishna	AP - MECH External HOD - MECH External External	Movable Parabolic Trough Solar Collector with Integrated Gear-and-Chain Tracking System	16/03/2026 (F)
15	494900-001	Dr. J. Pandima Devi Dr. M. Ramakrishnan Dr. P. Umadevi Dr. D. Sheeba Dr. K. Vishalakshi Dr. M. Kalarani Dr. T. Mathi Sujitha Dr. R. Venugopal	External External External External AP - S&H AP - S&H AP - S&H External	Discrete Mathematics Problem-Solving Device	16/03/2026 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
16	498363-001	Dr M Elavarasi Nalini Burra G.Geetha K.Bhuvanesh Mohatesham Pasha Quadri Mohd Rafeeq S.Gayathri Er. S. John Pimo	External External External External External External AP - CSE External	Deep Learning Integrated Object Recognition Device	13/04/2026 (F)
17	503426-001	Dr. Gurupranes SV Mr. Trishul S Mrs. Tarika M Mr. Varun V Mr. Vishnuprasanth V	AP - MECH Student Student Student Student	Anti-Wear Transparent Cycle Bell	26/05/2026 (F)
18	503427-001	Dr. Gurupranes SV Mr. Vishnuprasanth V Mr. Trishul S Mr. Gokul Anand K Mrs. Tarika M Mr. Aravind V	AP - MECH Student Student AP - ECE Student Student	Automated poultry enclosure with integrated water and ventilation units	26/05/2026 (F)

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JUN-2025 to MAY-2026				Total Numbers: 05	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Registration
1	LD-19431/2025-CO	Dr. Ramakrishnan S	Dean RI - IT	Research and Innovation Policy Handbook of Dr.Mahalingam College of Engineering and Technology	27/08/2025 (G) LD-20250172599 14/05/2025 (F)
2	LD-20865/2025-CO	Mr. Sam Suresh.J Ms. G.Soundarya	AP - EEE (VLSI) AP - ECE	Design and Analysis of Dipole Antenna for RFID Readers	02/09/2025 (G) LD-20250173180 23/05/2025 (F)
3	LD-20866/2025-CO	Mr. Sam Suresh.J	AP - EEE (VLSI)	Design and Analysis of Monopole antenna for wireless Patient Monitoring Applications	19/09/2025 (G) LD-20250174143 23/05/2025 (F)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Registration
4	LD-36669/2025- CO	Ms.R.Sherine Jenny Ms.S.Kokilamani Ms.B.Senbagam	AP - ECE (SG) AP - ECE AP - ECE	23ECL501 Embedded Microcontroller Laboratory	28/10/2025 (G) LD-20250176667 11/09/2025 (F)
5	LD-31364/2025-CO	Dr.K.Manikandan Ms. K.Durgalakshmi Mr.A.Venkatesh Mr.L.Hubert Tony Raj	AP - EEE AP - EEE AP - EEE AP - EEE	Precision in Motion: A Python-Driven Steady-State Error Study of DC Motor System	25/11/2025 (G) LD-20250177367 05/08/2025 (F)

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JUN-2025 to MAY-2026				Total Numbers: 03	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Filed
1	LD-31364/2025-CO	Dr.K.Manikandan Ms. K.Durgalakshmi Mr.A.Venkatesh Mr.L.Hubert Tony Raj	AP - EEE AP - EEE AP - EEE AP - EEE	Precision in Motion: A Python-Driven Steady-State Error Study of DC Motor System	05/08/2025 (F)
2	LD-36669/2025- CO	Ms.R.Sherine Jenny Ms.S.Kokilamani Ms.B.Senbagam	AP - ECE (SG) AP - ECE AP - ECE	23ECL501 Embedded Microcontroller Laboratory	11/09/2025 (F)
3	LD-6053/2026-CO	Dr.A.G.Priyavarshini Dr.Ponni @Sathya R.Govindaraj Ms.Selvanayaki	AP - IT AP - IT AP - IT AP - IT	Programming with Python Lab	10/03/2025 (F)