

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_26 to August_26																
	IPR		ACT	AIDS	AIML	AUTO	CIV	CSE	CYS	ECE	EEE	VLSI	IT	MECH	MCA	S&H	Total
1	Utility	Filed/Pub	0	0	3	0	0	1	1	0	0	0	0	1	0	1	7
		Granted	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Design	Filed	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
		Granted	0	0	2	0	4	2	0	0	0	0	0	3	0	1	12
3	Copyright	Filed	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		Reg.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IPR Filed Summary			0	0	5	0	5	3	1	0	0	0	1	4	0	2	9
`IPR Grant Summary			0	0	2	0	4	2	0	0	0	0	0	3	0	1	12
Total			0	0	5	0	5	3	1	0	0	0	1	4	0	2	21

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LIST OF FILED/PUBLISHED UTILITY PATENT

JUN-2026 to AUG-2026				Total Numbers: 07	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
1	202541133962	Selva Kumar T	AP - AIML	Autonomous Agricultural Drone with 360 Lidar and Robotic Arm Based Centrifugal Nozzle for Intelligent Spraying Obstacles and then Re-Routing	31/12/2025 (F) 19/06/2026 (P)
2	202641041604	Dr. S. Udhayan Dr. P.A. Periasamy P. Muthulakshmi J. Vaishnavi Dr. M. Priya Dr. A. Ajith	External AP - S&H External External External AP - S&H	Anaerobic Co-Digestion of Poultry and Fishery Wastes for Sustainable Energy Generation	16/03/2026 (F) 19/06/2026 (P)
3	202641083108	Mr. Laxminarayana Thirupathi Dr. Sivakumar M Dr. A. Vani Dr. Biswa Ranjan Senapati Dr. Mamta Thakur Mrs. Priyadarshini Ms. Anju Arya Ms. S. Yamunadevi Mrs. G. Priyadharshini Dr. Someshwar S	External External External External External External External AP - AIML External External	A Federated Generative Artificial Intelligence System for Climate Adaptive Agricultural Decision Support and Sustainable Crop Yield Prediction	06/07/2026 (F) 10/07/2026 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
4	202641079019	Mrs.P.Nithya Ms.R.Dhivya C. E. Rajaprabha Negalurmath Vinayakaswami K.Kanniyarasu Mrs.S.P.Panimalar T.Jayasri A Suresh Kumar Mrs.T.Vasumathi M.Devendran	External External External External AP - AIML External External External External External	System and Method for Machine Learning-Based Fake News Detection	26/06/2026 (F) 03/07/2026 (P)
5	202641087385	Dr. S. Vanitha Dr. T. Papitha Christobel Radhika K. Manjusha S. Oyyathevan Virag Shaileshkumar Shah Arun Haydn Randeepkumar D Dharshini D. R Rajesh Kumar G	External External AP - CSE External External External External External	Universal Autonomous Cognitive Engineering Intelligence Platform (UACEIP): A Quantum-Neuro-Symbolic Self-Evolving Digital Twin Architecture for Cross-Domain Engineering, Scientific Research, Industrial Automation, and Sustainable Smart Infrastructure	17/07/2026 (F) 24/07/2026 (P)
6	202641065872	Dr. M. Shobana Dr. R. Porselvi Dr. R Rajalakshmi Mrs R. Umamaheswari Mrs. B. Priyadharsini Ms. D. Linett Sophia Dr. Yamini B Ms. E. Gayathiri	External External External External External External External AP - CSE	Beyond 5G and 6G Hybrid NOMA-OTFS Communication Model with Intelli-gent Interference Mitigation Using AI	25/05/2026 (F) 12/06/2026 (P)
7	202641096329 (Dr. MCET)	Harihara Sakthi Sudhan P Jayaraj M	AP - MECH AP - MECH	Self-Healing Tribological Coating with Zwitterionic Microcapsules for Wear-Resistant Implant Substra	10/08/2026 (F) 21/08/2026 (P)

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LIST OF FILED DESIGN PATENT

JUN-2026 to AUG-2026				Total Numbers: 01	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
1	505696-001	Narayanan Natarajan Senthil Kumar Dineshkumar Syed Masoodhu Syed Meeran Sharmila Sivalingam Jayaraj Mahalingam Ravi Hemanth Saravanan Selvaraj Loganathan Kalimuthu Rajkumar Ramamoorthy Sunil Kumar Vasudevan Mangottiri	AP - CIVIL AP - CIVIL AP - CIVIL AP - CIVIL AP - MECH External External External External External	Giraffe Water Bottle	15/06/2026 (F)

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LIST OF GRANTED DESIGN PATENT

JUN-2026 to AUG-2026				Total Numbers: 12	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	449207-001	Mr.K.kanniyarsu Ms.Yamunadevi Mr.S.Saravana Kumar Ms. J.Rini Angeline Vinshia Ms.Saranya Ms. Jeslin Benita Ponnarasi	AP - AIML AP - AIML AP - AIML AP - AIML AP - AIML AP - AIML	AI based advanced e-vehicle testing unit	Date of Filing- 25-02-2025 Date of Publish- 26-06-2026
2	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	Date of Filing- 13-04-2026 Date of Publish- 12/06/2026
3	485218-001	Ms.K.Madhushri A. L. Agasta Adline Mr. L. Saravanan Ms. K. Radha Ms. Dolly Irene.J Mrs.J.Jayashankari	External External External AP - CSE External External	AI Based E-Commerce Help Desk Kiosk	Date of Filing- 26/12/2025 Date of Publish- 03/07/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
4	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	Date of Filing- 24/03/2026 Date of Publish- 12/06/2026
5	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 AP - S&H External AP - S&H AP - S&H External External	Discrete Mathematics Problem-Solving Device	Date of Filing- 16/03/2026 Date of Publish- 12/06/2026
6	497185-001	Dr. V. Venkatragavan Dr. S. Usha Dr. V. Jayalakshmi Dr. Srinivasan Nagaraj Ms. P. Jessie Mrs. B. Lakshmipraba Dr. Huma Khan Prof. Dr. Harikumar Pallathadka	External External External External AP - AIML External External External	AI driven banking fraud detection device	Date of Filing- 26/06/2026 Date of Publish- 03/07/2026
7	496768-001	Narayanan Natarajan Arun Nadarajan Nagajothi Thiruselvan Balasubramanian Saravana Muthukumarasamy Senthil Kumar Dineshkumar Syed Masoodhu Syed Meeran Sharmila Sivalingam	AP - CIVIL External External External AP - CIVIL AP - CIVIL AP - CIVIL	Solar Powered Floating Trash Collector	Date of Filing- 31/03/2026 Date of Publish- 10/07/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
8	498046-001	Senthil Kumar Dineshkumar Mohanadhas Berlin Praanesh Mariappan Srikanth Rahul Kanna Ramasamy Abishek Nagaraj Ranjith Kumar Balamurugan Narayanan Natarajan Syed Masoodhu Syed Meeran Sharmila Sivalingam	AP - CIVIL External External External External External AP - CIVIL AP - CIVIL AP - CIVIL	Hybrid Equalization and Phytoremediation System for Greywater Treatment	Date of Filing- 10-04-2026 Date of Publish- 17/07/2026
9	428333-001	Mr. K. Sasikumar Dr. K. Hariharan	AP - MECH AP - MECH	Trolley with Stair Wheels	Date of Filing- 27/08/2024 Date of Publish- 24/07/2026
10	505696-001	Narayanan Natarajan Senthil Kumar Dineshkumar Syed Masoodhu Syed Meeran Sharmila Sivalingam Jayaraj Mahalingam Ravi Hemanth Saravanan Selvaraj Loganathan Kalimuthu Rajkumar Ramamoorthy Sunil Kumar Vasudevan Mangottiri	AP - CIVIL AP - CIVIL AP - CIVIL AP - CIVIL AP - MECH External External External External External	Giraffe Water Bottle	Date of Filing- 15/06/2026 Date of Publish- 17/08/2026

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
11	494538-001	Nishanth Shanmuga Sundaram Sarveshwaran Valarmathi Mathu Velmurugan M Loganathan Gokul Vellaisamy Vasudevan Mangottiri Natarajan Narayanan	External External External External External AP - CIVIL	Agricultural Material Collector	Date of Filing- 13/03/2026 Date of Publish- 19/08/2026
12	409572-001	Mr. K. Sasikumar	AP - MECH	Multifunctional Wheelchair	Date of Filing- 07/03/2024 Date of Publish- 07/08/2026

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S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Filed
1	LD-28768/2026-CO	G.Keerthika R.Govindaraj	AP - IT AP - IT	Cloud Computing and Virtualization Laboratory Manual	26/06/2026 (F)