

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

(An Autonomous Institution)

Office of Dean Research & Innovation

Incentive Claim_ Utility/Design/Copyright

S.No	Department wise Status - June 23 to May 24 (AY: 2023 - 2024)												
	IPR		MECH	AUTO	CIVIL	ECE	EEE	CSE	AIDS	AIML	IT	S&H	Total
1	Utility	Granted	3	0	0	2	0	0	0	0	1	0	6
		Filed/Pub.	5	5	1	1	6	5	4	2	0	3	32
2	Design	Granted	1	2	4	1	6	1	2	0	8	3	28
		Filed	8	2	5	2	4	1	3	1	7	3	36
3	Copyright	Reg.	0	1	0	0	0	0	0	0	1	0	2
		Filed	0	0	0	0	0	1	0	0	0	0	1
IPR Filed Summary			13	7	6	3	10	7	7	3	7	6	69
`IPR Grant Summary			4	3	4	3	6	1	2	0	10	3	36
Total			17	10	10	6	16	8	9	3	17	9	105

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF GRANTED UTILITY PATENT

JUN-2023 to May 2024				Total Numbers: 06	
S.No	Application No	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	202041006012 Patent No:504786 (Dr. MCET)	Dr.I.Rajendran Dr. Rama. Thirumurugan Mr. E. Baskaran Mr. M. Padmanaban Mr. Sreejith S. Nair	Prof & Head - MECH Prof - MECH AP - MECH AP - MECH AP - MECH	Handheld Weed Plucker	12/02/2020 (F) 13/08/2021 (P) 30/01/2024 (DCI)
2	202241023296 Patent No:500041 (SELF)	Dr. P. SATHIYAMURTH Dr. N. NATARAJAN Dr. L. SENTHIL KUMAR Ms. C. DEVIPRIYA Ms. R. DHIVYA	AP - IT AP - CIVIL AP - S&H AP - CSE AP - CSE	Multi-Purpose Detangling Device with Liquid Dispenser	20/04/2022 (F) 13/05/2022 (P) 16/01/2024 (DCI)
3	201841040120 Patent No:506674 (Dr. MCET)	Dr.I.Rajendran Dr. Rama. Thirumurugan Mr. E. Baskaran Mr. M. Padmanaban Mr. Sreejith S. Nair	Prof & Head - MECH Prof - MECH AP - MECH AP - MECH AP - MECH	Flour Extruder	24/10/2018 (F) 01/05/2020 (P) 02/02/2024 (DCI)

4	201841023877 Patent No:506875 (SELF)	Mrs. C. THIRUMARAI SELVI Dr. SUDHAKAR RADHAKRISHNAN Dr. J. AMUDHA	External ASP - ECE External	Virtual friend for Elderly/differently abled	27/06/2018 (F) 14/09/2018 (P) 05/02/2024 (DCI)
5	202041007646 Patent No:524686 (Dr. MCET)	K.MOHAIDEEN ABDUL KADHAR L.GOWTHAM	AP - ECE AP - ECE	An interactive assistive device system for visually impaired people	24/02/2020 (F) 24/04/2020 (P) 13/03/2024 (DCI)
6	202141020600 Patent No:538506 (SELF)	Mr.K. Sasikumar Dr. K. Hariharan Dr. T. Ramkumar Dr. M. Selvakumar	AP - MECH AP(SG) - MECH AP(SG) - MECH AP(SG) - AUTO	Pugh matrix based decision making for the bore well rescue method and system thereof	06/05/2021 (F) 18/06/2021 (P) 17/05/2024 (DCI)

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF FILED/PUBLISHED UTILITY PATENT

JUN-2023 to May 2024				Total Numbers: 32	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
1	202341037908	K.Radha Dr Gaurav Bansal Sarthak Tyagi Jenamani Chandrakanta Badajena Chtakunta Praveen Kumar Dr Shashank Singh Sanjukta Mohanty Dr B. Amarnath Reddy S Shireesha Dr. Niranjnamurthy M Anithony David Perumal da Figueira Fernandes Pavithra B	AP - CSE External External External External External External External External External External External	Building an effective e-commerce fraud detection model using computer ai and data mining techniques	02/06/2023 (F) 18/08/2023 (P)
2	202341039226	Dr. K.S. Arun Prakash, MD Dr.V.Lakshminarayanan Dr.N.Shanmuga Sundaram Dr.N.Gobi P. KATHIRVEL Mr. Harsh Kumawat Dr.K.Rameshkumar Shruti Avadhoot Rege	External Prof - EEE AP(SG) - MECH External AP - EEE External AP - EEE External	Artificial Intelligence in Medical Decision Support System	08/06/2023 30/06/2023 (P)
3	202341041876	DHIVYA PRIYA E.L Sharmila A T.S.Senthil Jaishree M Gokul Anand K R Madan Mohan Nalifa Begam J	External External External External AP - ECE External External	Quad-Renk Boya Makine	23/06/2023 15/09/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
4	202341042928	Dr. S. Anthony Jesudurai Dr. M. Selvakumar Dr. T. Ram Kumar Dr.M.Thirunavukkarasu Dr. V.K.Sudha Dr. V.Regina Delcy Dr. V. Umadevi	AP - EEE AP - AUTO AP - MECH AP - AUTO AP - ECE AP - EEE AP - EEE	An Arrangement for detecting Surface defects Engine position and method Thereof	27/06/2023 01/09/2023 (P)
5	202341044356	Mr. P K Kumar Mr. Manish Kumar Soni Dr.K.Suresh Dr. K. Umamaheswari Mr. Sarbojit Mukherjee Dr.P.Duraipandy	External External External AP(SG) - EEE External External	A system and method for battery management and green energy storage	02/07/2023 01/09/2023 (P)
6	202311046496	DR. GURWINDER SINGH DR.P.VIVEKANANDAN MEGHA SHARMA KARAN SIWACH DR. ROHIT KUMAR DR.N.SURESH ANUP PALSOKAR MRS. SHYAMALA DEVI N DR.SHAIKKARIMULLAH DR. FAHIMUDDIN SHAIK	External Prof - AIML External External External External External External External External	Method for Improving machine learning model performance with generative adversarial networks	11/07/2023 04/08/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
7	202341046834	VIVEKANANDAN P Guru Dharsan T Shanmugaveni V Bagavathi Priya M Sakthivadivel M	AP - AIML AP - AIML AP - AIML AP - AIML AP - AIML	Programmable Smart Kitchen Container	12/07/2023 31/01/2025 (P)
8	202341052055	K. Venkatagurunatham Naidu Dr. Kunal Mishra S.Esther Nowroji Dr.Vuda Sreenivasa Rao Dr. Zakir Ali Raghi K. R Vijaysinh Kishorsinh Jadeja Mayank Pravinbhai Devani Mikin Kiritkumar Dagli Vinu S Dr. S. Siva Gowri Prasad	External External AP - AIDS External External External External External External External External	Blockchain And Cloud Computing Based Criminal Digital Forensic Investigation And Prediction Using Artificial Intelligence and Machine Learning Algorithm	02/08/2023 01/09/2023 (P)
9	202341052802	T.Vijayakumar L.Karthick Rahul Ramkishan Rathod Dr. P. Karthik Kumar Dr. Ranjith Kumar Gatla C.Asokan B.Senthil Kumar B.Senthil Kumar K.Parameshwaran Mr. S. Sivakumar Mr. C.A. Jagadish Dr.Jawarkar Nilesh Gulabrao	AP - AIDS External External External External External External External External External External External	Gripper Block For Coiled Tubing Injector with Variable Tubing Size Capability for moving Elongated Objects	07/08/2023 01/09/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
10	202321054566	Dr. Sandip D Satav Dr.V.S.Chandika Mr. M. Prabhu Raj Dr. C. R. Balamurugan Dr. Saurabh Kumar Rajput Mr. K. Arulvendhan Premkumar R	External External AP - EEE External External External External	Photovoltaic-Powered Dc Borewell With High-Step-Up Dc-Dc Converter	14/08/2023 06/10/2023 (P)
11	202341057341	Dr. Indradeep Kumar Dr.J.Ananth Mr.R. Vishnu Ramesh Kumar Dr. K. Arun Dr.G.Rathinasabapathi Kartikeya Parmar R Rajaprasanna	External External AP - AUTO External External External External	Natural fibers composites for construction and automotive industries	26/08/2023 08/09/2023 (P)
12	202341057342	Dr. R.S.Ganesh Dr. C. Esther Jeyanthi S.Mahalingam Mrs. M.Baby Anusha K. Jamal Mr. Maravarman M Premkumar R	External External AP-AUTO External External External External	A system for providing security and privacy in 5g wireless networks and detecting threats providing countermeasures, and cryptographic protocols	26/08/2023 08/09/2023 (P)
13	202341059710	Ms. G. Uma Maheshwari Mr. B. Ramesh Manasa S M Jeevitha B K U Soma Naidu Dr.Belsam Jeba Ananth. M Mrs.T.Maheswari Dr. Harikumar Pallathadka	AP-EEE External External External External External External External	Gsm-based automation in a new shopping system designed for the elderly and those with disabilities	05/09/2023 06/10/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
14	202341059798	Andril Alagusabai Mr.R.B.Rajeshkumar Mr.N.Dhamodharan Dr. Rajesh Thipparaju Dr.S.Balasubramaniyan Mr.G.Saravanan Dr. R. Azhagumurugan	External AP-AUTO AP-AUTO External External External External	A Control System Using IOT for Electric Vehicles Management	06/09/2023 06/10/2023 (P)
15	202341059794	Dr. Indradeep Kumar Manu Kumar Thakur Dr. K Sakthi Vadivel Pawan Kishore Jha Gautam Singh A Sathish Kumar Mr. M. Sudhakar	External External AP-AUTO External External External External	Internal Combustion Engine Using Alternative Fuel Injection System and Method Thereof	06/09/2023 06/10/2023 (P)
16	202341065484	Dr.J. Bhavithra S.C.Lavanya T.Kanagasabapathy C.Devipriya B.Suganya P.Boopathi Rajan S.Devilavanya J.Santhiya	AP(SG)-CSE AP(SS)-CSE AP-CSE AP-CSE AP-CSE AP(SS)-CSE AP-CSE AP-CSE	Development and Implementation of a Smart Transportation Management System Based on IOT and the Cloud	29/09/2023 13/10/2023 (P)
17	202341073238	ALBERT STEPHAN ANTONY RAJ Ms. B.MAHESWARI Ms. B.SUGUNA SELVARANI Ms.R.NISHANTHI Dr. K. LAKSHMANAN Ms. J.GOWRI Dr. G. KANNAN	External AP - MATHS External AP - MATHS External External External	Knowledge Based Python Algorithm Model to Provide a General Framework for Constructing Pentapartitioned Fuzzy and Neutrosophic Closed Sets with its Extension in Topological Space along with an Unconventional Approach Towards Machine Learning Enhancements	27/10/2023 15/12/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
18	202341076448	Dr.L.Komathi Poobathy D Gayathri G Prabhu K SenthilPrabhu S Ms Y. Saichandana Dr. Ajit M. Hebbale S. Maheswari S.Govindaraj Dr. G.M. Vijayalakshmi	External External AP - CSE AP - CSE AP - CSE External External External External External	IoT And Artificial Intelligence Based Smart Indoor Tracking System To Track Multiple Objects Within A Smart Home Using Data Mining And Machine Learning Algorithms	08/11/2023 22/12/2023 (P)
19	202341078810	DR. P. KIRAN KUMAR REDDY M. RAJALAKSHMI T.KEETHIVASAN DR. OMKAR PATTNAIK DR. HARPREET KAUR CHANNI D VENUGOPAL ABDUL KHURSHID DR. VENKATESWARA RAO KATAKAM ABHISHEK KUMAR MR. DINESH KATOLE	External AP - AIDS External External External External External External External External	Intelligent Traffic Management System For Smart Cities Using IOT And ML Technologies	20/11/2023 05/01/2024 (P)
20	202341083917	B Ravi Chandra Dr.Karlapudi Ramesh Babu R.Punitha Uma.K Prabhu K Asha Sohal Adarsh S V S.Janani Yogeshraj Urs C Thejas H K	External External External External AP - CSE External External External External External	Artificial Intellectual Based Automatic Fire Detection System Using Sensor, Computer Vision And Deep Learning Algorithms	08/12/2023 05/01/2024 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
21	202441004476	Mr.T.SELVAKUMAR Mr.T.SELVAKUMAR Mrs.D.S.AJITHA KALA Dr.P.VENKADESH Mrs.G.KALPANA Mrs.G.KALPANA Mrs.PRIYADHARSHINI Dr.S.V.DIVYA Mr.P. MANOJ Dr.T.V.SINDIA Dr. D. MENAKA Mr.G. JELIN TARIC Mr.AMISHON MICHEAL NAYAGAM	AP(SS) - AIDS External External External External External External External External External External External External	A Cutting-Edge New Method For Digital Marketing With AI, Blockchain, and IOT	23/01/2024 09/02/2024 (P)
22	202441011928	Dr.C.Suresh Ms.S.Deekchaya Mr.R.Karthick Dr.K.Selva Sheela Ms.D.Rajapriya Ms.T.Jeevitha	External External AP(SS) - CSE External External External	Enhancing visual perception for the blind through faster R-CNN	20/02/2024 08/03/2024 (P)
23	202441014796 Dr. MCET	Dr. D. Nathan Dr. Rama Thirumurugan Mr. K. Sasikumar Mr. M. Gideon Ganesh Dr. S. Ayyappan Mr. R. Gunasekaran Mr. J. Venkatesh Mr. Sreejith S. Nair Mr. N. Bala Murali	ASP - MECH Prof - MECH AP - MECH AP(SS) - MECH Prof. - MECH AP - MECH AP - MECH AP(SS) - MECH AP - MECH	Device For Rolling In / Out Hose From Deep Borewell	28/02/2024 15/03/2024 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
24	202441014825 Dr. MCET	Dr. Rama Thirumurgan Dr. S. Madhusudhanan Dr. D. Nathan Dr. S. Ayyappan Mr. M. Padmanaban Mr. M Sasikumar Mr. K. Vijayakannan Mr. S. Naveen Kumar Mr.. M. Jayaraj Mr. Gnanakumar	Prof - MECH AP(SG) - MECH ASP - MECH ASP - MECH AP(SS) - MECH AP - MECH AP(SS) - MECH AP - MECH AP(SG) - MECH AP(SS) - MECH	Horizontal Rocker-Arm Hand-Pump	28/02/2024 15/03/2024 (P)
25	202441015209	Dr. Ranganatha Swamy MK Mrs. K. Vijaya Lakshmi Mr. B.Sarath Chandra Mr.M.J.C.V Bala Ganapathi Mr.J.Dinesh Kumar Mr.M.Subramanian B. Vijaya Ramnath	External External External External AP - MECH External External	Making of Bio compactable composites using novel Magnetron sputtering method	29/02/2024 15/03/2024 (P)
26	202441018914	Dr.S.Rajakumar Mr. Jeswin Arputhabalan Mr.Siva.M Dr. M. Elangovan Mr.J.Dinesh Kumar Dr.V.Jaiganesh Dr. R. Premanand	External External External External AP - MECH External External	Natural Fiber composites with improved impact resistance and Method Thereof	14/03/2024 29/03/2024 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
27	202441022030	Dr. VETRISSELVI G Mrs.R.VIDHYA Mr.J LOGESHWARAN Mrs. D. NIVETHA Dr. B. POORANI Dr.N. RANJAN Mrs. M. K. PRIYANKA Dr. AMOL RAMESHRAO BUTE Mrs. MENDA SREEVANI SHAHIN FATMA Ms.M.KEERTHANA	External External External AP - ENGLISH AP - ENGLISH External External External External External External	Analysis of how English Training is important for school in Government school Tamilnadu	22/03/2024 29/03/2024 (P)
28	202441022006 Dr. MCET	Mr. S. Dineshkumar Mr. N. Natarajan Mr. S. Syed Masoodhu Mr. A. Praveen Kuma Ms. S. Sharmila Mr. A. Manikandan Mr. C. Radhakrishnan Mr. R. Vishnu Ramesh Kumar Mr. S. Anthony Jesudurai	AP - CIVIL ASP - CIVIL AP - CIVIL AP - CIVIL AP - CIVIL AP - CIVIL AP - MCT AP - AUTO AP - EEE	Automobile brake pad from e-waste & bio-waste	22/03/2024 29/03/2024 (P)
29	202441024249 Dr. MCET	Mr. N. Shanmugasundaram Dr. M. Jayaraj Mr. S. Gnanakumar Mr. S. V. Gurupranes Mr. K. Vijayakannan Mr. M. Padmanaban Mr. J. Dinesh Kumar Dr. Rama Thirumurugan Mr. S. Nachimuthu	AP(SG) - MECH AP(SG) - MECH AP - MECH AP - MECH AP(SS) - MECH AP(SS) - MECH AP - MECH Prof. - MECH AP - MECH	Environmentally Friendly Switch Boards Using Natural Fiber Reinforced Polymer Composites And The Met	26/03/2024 05/04/2024 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
30	202441027728 Dr. MCET	Dr. M. Selvakumar Dr. T. Ramkumar Dr. M. Jayaraj Mr. M. Thirunavukkarasu Dr. V.K. Sudha Dr. K. Hariharan Dr. K. Saranya Mr. M. Mahendran Dr. R. Vishnu Ramesh Kumar	ASP - AUTO AP(SG) - MECH AP(SG) - MECH AP(SG) - AUTO AP(SG) - EEE AP(SG) - MECH AP(SG) - EEE AP(SS) - AUTO AP(SS) - AUTO	Caryota Fiber composite material and method for manufacturing the same	03/04/2024 12/04/2024 (P)
31	202441034197	T. SATHESH KUMAR K. SATHIYANARAYANAN P, ELAVARASAN V. KARTHIKSARAN	AP(SS) - EEE Student of EEE Student of EEE Student of EEE	Non Invasive Blood Glucose Monitoring System Using Red Laser Sensors	30/04/2024 10/05/2024 (P)
32	202441040947	V.ARUNADEVI K.Rajalakshmi Dr.B.BalaVijayaPriya	AP(SS) - English AP(SS) - English AP(SS) - English	Automated Genre Classification of Literary Works Using Semantic Analysis	27/05/2024 31/05/2024 (P)

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF GRANTED DESIGN PATENT

JUN-2023 to May 2024				Total Numbers: 28	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	385639-001	Dr. S. Ponni Alias Sathya Dr. S. Ramakrishnan Dr. S. K. Ashok D. Janani N. Sumathi	AP - IT ASP - IT AP (SG) - AUTO AP - IT AP - IT	Household Grinding Machine	Journal No is 35/2023 and Journal Date is 01/09/2023
2	385939-001	Mrs.S.Prince Sahaya Brighty Mrs.P.Selvanayaki Ms.S.Manasha . Ms.M. Mahathija Ms.S. Nandhana	External AP - IT External External External	Fruits Quality Monitoring And Adulteration Detection Device	Journal No is 36/2023 and Journal Date is 08/09/2023
3	392313-001	Dr. K. Murali Dr. K. Srinivasan Mr. M. Sudharsanan Mr. R. Sudharshan Mr. K. Sambath	ASP - CIVIL AP(SG) - CIVIL AP - CIVIL AP - CIVIL Student of CIVIL	De-fluoridating unit for groundwater remediation	Journal No is 41/2023 and Journal Date is 13/10/2023
4	394374-001	Ms. Uma Maheshwari. G Mr. T.S. Senthil Dr. J. Joselin Jeya Sheela Ms. Hubert Mary. L Mr. Dilip Sankar S Dr. R. Thandaiah Prabu	AP - EEE External External External External External	Industrial Robot For Checking Product Quality	Journal No is 43/2023 and Journal Date is 27/10/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
5	395318-001	Dr. FAHMIDA KHATOON Mr. ARPIT NAMDEV Mrs.M.RUBA Dr. KISHORE. B Mrs.P.THILAGAVATHI Dr. V. SHANTHI . Mrs. C. PREETHIBHA Dr. V.KANNAN	External External External AP - EEE AP - EEE External External External	Wireless Monitoring system for mine safety	Journal No is 43/2023 and Journal Date is 27/10/2023
6	398076-001	Dr. P. Sivakumar Dr. J. Thimmia Raja Dr. K. Sathesh Kumar Dr. Parthiban Mohandas Dr. T. Dhilipan Rajkumar	External AP - IT External External External	Food and Beverage Serving Trolley	Journal No is 47/2023 and Journal Date is 24/11/2023
7	379605-001	Dr. K. Akila T. Vignesh MS. N. Pooranam Dr.K.P.Yuvaraj Dr.K.Rameshkumar Dr. Pankaj Pathak Mr.P.Kathirvel Monica D	External External External External AP - EEE External External External	Personal Assistant Robot	Journal No is 48/2023 and Journal Date is 01/12/2023
8	383996-001	Ms.K.Ananthi Dr.M.Balakrishnan Dr.A.B.Arockia Christopher Dr.A.S.Muthanantha Murugavel Dr. J.Ramprasath	External AP - IT AP - IT AP - IT AP - IT	Face Mask and Sanitizer Dispensing Unit	Journal No is 48/2023 and Journal Date is 01/12/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
9	398074-001	Dr. Manmath Narayan Sahoo Dr. T. Dhilipan Rajkumar Dr. J Thimmia Raja . Dr. M. Arun Mr. M. Navaneetha Krishnan	External External AP - IT External External	Three-Wheeled Electric Vehicle	Journal No is 52/2023 and Journal Date is 29/12/2023
10	400196-001	Dr.K.Vinoth Kumar Rameshkumar K D. Gnanaprakasam N.Dhamodharan Mr.P.Kathirvel Ms. N. Pooranam Dr. Pankaj Pathak T. Vignesh	External External External AP - AUTO External External External External	Intelligent Assistive Robot For Elderly Care People	Journal No is 02/2024 and Journal Date is 12/01/2024
11	397190-001	DR R SONIA MR K CH. SEKHAR MRS M RANJANI DR M THIRUNAVUKKARASU DR YAGYA DUTTA DWIVEDI DR P C KRISHNAMACHARY	External External External AP - AUTO External External	Artificial Intelligence based Pest capturing agricultural machine	Journal No is 03/2024 and Journal Date is 19/01/2024
12	400788-001	DR YAGYA DUTTA DWIVEDI DR K S RAGHURAM DR SEKAR K DR J ANANTH R PRASHANT SUNAGAR MR J DINESH KUMAR	External External External External External AP - MECH	Rooftop Wind Turbine With Conical Tunnel	Journal No is 03/2024 and Journal Date is 19/01/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
13	400790-001	Dr. G. Anupriya Ms. C. Jayashree Dr. M.L. Valarmathi Dr. J. Bhavithra Ms. M. Gomathi Ms. G.Deepa Ms. A. Jayalakshmi	AP - IT AP - IT AP - IT AP - IT AP - IT AP - IT AP - IT	Portable Image and Text Recognizing Device	Journal No is 03/2024 and Journal Date is 19/01/2024
14	394906-001	Dr. Balajee J Dr. R. Venkateswaran Dr. Yogita Manish Patil Mrs.N.Radha Mr. Sagar Vitthal Shinde C.Devipriya V.Eswaramurthy	External External External External External AP - CSE AP - CSE	Automatic Seed Sowing Robot	Journal No is 04/2024 and Journal Date is 26/01/2024
15	404156-001	Dr. Shaik Saidhbi Ms. Arunadevi Velusamy Ms. Rajalakshmi Kalimuthu Dr. Sudipta Ghosh Mr. Saswata Das	External AP - English AP - English External External	Wireless Mouse	Journal No is 10/2024 and Journal Date is 08/03/2024
16	404176-001	Mr. Vigneshkumar Devaraj Dr. Vasudevan Mangottiri Dr. Soundara Balu Dr. Natarajan Narayanan	External External External AP - CIVIL	Flowability Testing Apparatus for Controlled Low Strength Materials	Journal No is 13/2024 and Journal Date is 29/03/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
17	386250-001	Dr. M. Karthik Mrs. L. Sreevidya Dr. K. Umamaheswari Mrs. S. Abiramasundari Mr. G. Mani Sankar Dr. R.Ramkumar	External External AP - EEE AP - EEE External External	Solar power EV charging system	Journal No is 13/2024 and Journal Date is 29/03/2024
18	397431-001	Dr. K. Murali Mrs. S. Suthaviji Dr. M. Mariappan Mr. M. Sudharsanan Dr. K.Srinivasan	ASP - CIVIL AP - CIVIL AP - CIVIL AP - CIVIL ASP - CIVIL	Water Absorption Test Apparatus	Journal No is 13/2024 and Journal Date is 29/03/2024
19	407522-001	Mr.Prabhu R Mrs.Megala P Mr.Varatharajan N Mr.Vikkram R Mr.Asok Kumar V Ms.Saranya K Ms.Sathiyapriya T	AP -ECE External External External External External AP -ECE	IoT And Cloud Based Camera For Healthcare Surveillance	Journal No is 15/2024 and Journal Date is 12/04/2024
20	407664-001	Mr. T. Sathesh Kumar Dr. S. Kirubadevi Mrs. Ramya.D Mrs. B.V. Febiyola Ms. S. Uma	AP - EEE External External External External	IoT based photovoltaic cell Testing Device	Journal No is 17/2024 and Journal Date is 26/04/2024
21	408298-001	Dr. L. Senthil Kumar B. Maheswari N. Punitha S. Chitra	AP - ENGLISH AP - ENGLISH AP - ENGLISH AP - ENGLISH	Electric Paper Punching Machine	Journal No is 18/2024 and Journal Date is 03/05/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
22	398075-001	Dr. K. Sathesh Kumar Dr. P. Sriramakrishnan Dr. P. Sivakumar Dr. J Thimmia Raja Dr. M. Iyyappan	External External External AP - IT External	Foldable Keyboard	Journal No is 18/2024 and Journal Date is 03/05/2024
23	408916-001	Mr.R.VIMAL Ms.V.SATHIYAPRIYA Mrs. S. SUTHAVIJI Mr. T. BRAGADEESWARAN Mrs. C. VINODHINI Dr. E. KAVITHA	External External AP - CIVIL External External External	Device to perform analysis of polymer concrete	Journal No is 19/2024 and Journal Date is 10/05/2024
24	410029-001	V. Shanmugaveni M. Bhagavathi Priya M. Prasannablessy M. Jotheeswari R. Abarnaswara S. Pooja M. Vijaya kumar A. Manojanani	AP - AIDS AP - AIDS AP - AIDS AP - AIDS External External AP - AIDS External	Machine learning based device cyber Security data analytic device	Journal No is 19/2024 and Journal Date is 10/05/2024
25	409666-001	MR.P.E. KAMALAKKANNAN MRS. M. DEEPARANI DR. B. VINOTHKUMAR DR. M. KRISHNAMOORTHY DR. M. KALAMANI DR.M.KALIAMOORTHY	AP - EEE External ASP - EEE External External AP - EEE	Contactless Thermal Scanning System for Security	Journal No is 20/2024 and Journal Date is 17/05/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
26	409869-001	Dr. S. Ponni Alias Sathya Dr. S.K. Ashok Dr. L. Meenachi Mrs. N. Sumathi Mrs. G. Saranya Mrs. K. Saranya Mrs. P. Rajeswari	AP - IT AP - IT AP - IT AP - IT AP - IT AP - IT AP - IT	Portable Solar And Electric Powered Charger For Electronic Device	Journal No is 20/2024 and Journal Date is 17/05/2024
27	411690-001	DR. RAJASHEKAR PATIL DR. JUSTIN JEYA AMUTHA DR. UMAMAHESWARI KRISHNASA DR. N. KOMAL KUMAR DR.K.BARANIDHARAN DR. JOSHUVA AROCKIA DHANRAJ	External External AP - ENGLISH External External External	Audiovisual Teaching practice	Journal No is 20/2024 and Journal Date is 17/05/2024
28	406562-001	Ms.Geetha Rajakumari R Ms.Kiruthikka D.C Ms.Rajalakshmi.M Mr.Vishnuprasath A Mr.Vijayakumar T Mr.Nandhini S	AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS	Machine to detect textile fabric Defect	Journal No is 22/2024 and Journal Date is 31/05/2024

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF FILED DESIGN PATENT

JUN-2023 to May 2024				Total Numbers: 36	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
1	392313-001	Dr. K. Murali Dr. K. Srinivasan Mr. M. Sudharsanan Mr. R. Sudharshan Mr. K. Sambath	ASP - CIVIL ASP - CIVIL AP - CIVIL Student of CIVIL Student of CIVIL	De-fluoridating unit for groundwater remediation	9/8/2023
2	394374-001	Ms. Uma Maheshwari. G Mr. T.S. Senthil Dr. J. Joselin Jeya Sheela Ms. Hubert Mary. L Mr. Dilip Sankar S Dr. R. Thandaiah Prabu	AP - AIML External External External External External	Industrial Robot For Checking Product Quality	2/9/2023
3	394424-001	Dr.M.JAYARAJ Dr.N.SHANMUGA SUNDARAM Mr.K.VIJAYAKKANNAN Mr.S.GNANAKUMAR Dr.RAMA THIRUMURUGAN Mr.GURUPRANES SV	AP (SG) - MECH AP(SG) - MECH AP(SS) - MECH AP - MECH Prof - MECH AP - MECH	Coconut Deshelling Machine	4/9/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
4	394906-001	Dr. Balajee J Dr. R. Venkateswaran Dr. Yogita Manish Patil Mrs.N.Radha Mr. Sagar Vitthal Shinde C.Devipriya V.Eswaramurthy	External External External External External AP - CSE AP - CSE	Automatic Seed Sowing Robot	12/9/2023
5	395318-001	Dr. FAHMIDA KHATOON Mr. ARPIT NAMDEV Mrs.M.RUBA Dr. KISHORE. B Mrs.P.THILAGAVATHI Dr. V. SHANTHI . Mrs. C. PREETHIBHA Dr. V.KANNAN	External External External AP - EEE AP - EEE External External External	Wireless Monitoring system for mine safety	17/09/2023
6	397190-001	DR R SONIA MR K CH. SEKHAR MRS M RANJANI DR M THIRUNAVUKKARASU DR YAGYA DUTTA DWIVEDI DR P C KRISHNAMACHARY	External External External ASP - AUTO External External	Artificial Intelligence based Pest capturing agricultural machine	10/10/2023
7	397431-001	Dr. K. Murali Mrs. S. Suthaviji Dr. M. Mariappan Mr. M. Sudharsanan Dr. K.Srinivasan	ASP - CIVIL AP - CIVIL ASP - CIVIL AP - CIVIL ASP - CIVIL	Water Absorption Test Apparatus	12/10/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
8	398075-001	Dr. K. Sathesh Kumar Dr. P. Sriramakrishnan Dr. P. Sivakumar Dr. J Thimmia Raja Dr. M. Iyyappan	External External External AP - IT External	Foldable Keyboard	19/10/2023
9	398074-001	Dr. Manmath Narayan Sahoo Dr. T. Dhilipan Rajkumar Dr. J Thimmia Raja . Dr. M. Arun Mr. M. Navaneetha Krishnan	External External AP - IT External External	Three-Wheeled Electric Vehicle	19/10/2023
10	398076-001	Dr. P. Sivakumar Dr. J. Thimmia Raja Dr. K. Sathesh Kumar Dr. Parthiban Mohandas Dr. T. Dhilipan Rajkumar	External AP - IT External External External	Food and Beverage Serving Trolley	19/10/2023
11	400196-001	Dr.K.Vinoth Kumar Rameshkumar K D. Gnanaprakasam N.Dhamodharan Mr.P.Kathirvel Ms. N. Pooranam Dr. Pankaj Pathak T. Vignesh	ASP - EEE AP(SG) - EEE AP - EEE AP - AUTO AP - EEE External External External	Intelligent Assistive Robot For Elderly Care People	18/11/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
12	400788-001	DR YAGYA DUTTA DWIVEDI DR K S RAGHURAM DR SEKAR K DR J ANANTH R PRASHANT SUNAGAR MR J DINESH KUMAR	External External External External External AP - MECH	Rooftop Wind Turbine With Conical Tunnel	28/11/2023
13	400790-001	Dr. G. Anupriya Ms. C. Jayashree Dr. M.L. Valarmathi Dr. J. Bhavithra Ms. M. Gomathi Ms. G.Deepa Ms. A. Jayalakshmi	ASP - IT ASP - IT ASP - IT ASP - IT AP - IT AP - IT AP - IT	Portable Image and Text Recognizing Device	28/11/2023
14	402215-001	TAMILARASAN V D SHANMUGAM D THANIKAIVELAN A ANTON ANDRICK F MUGUNTHA J P SAM BEN LAZARUS B	AP(SG) - AUTO ASP- AUTO External External External External	Roll cage for electric off-road vehicle	15/12/2023
15	404156-001	Dr. Shaik Saidhbi Ms. Arunadevi Velusamy Ms. Rajalakshmi Kalimuthu Dr. Sudipta Ghosh Mr. Saswata Das	External AP - ENGLISH AP - ENGLISH External External	Wireless Mouse	9/1/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
16	404176-001	Mr. Vigneshkumar Devaraj Dr. Vasudevan Mangottiri Dr. Soundara Balu Dr. Natarajan Narayanan	External External External AP - CIVIL	Flowability Testing Apparatus for Controlled Low Strength Materials	10/1/2024
17	406562-001	Ms.Geetha Rajakumari R Ms.Kiruthikka D.C Ms.Rajalakshmi.M Mr.Vishnuprasath A Mr.Vijayakumar T Mr.Nandhini S	AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS	Machine to detect textile fabric Defect	3/2/2024
18	407522-001	Mr.Prabhu R Mrs.Megala P Mr.Varatharajan N Mr.Vikkram R Mr.Asok Kumar V Ms.Saranya K Ms.Sathiyapriya T	AP - IT External External External External External AP - IT	IoT And Cloud Based Camera For Healthcare Surveillance	14/02/2024
19	407664-001	Mr. T. Sathesh Kumar Dr. S. Kirubadevi Mrs. Ramya.D Mrs. B.V. Febiyola Ms. S. Uma	AP - EEE External External External External	IoT based photovoltaic cell Testing Device	15/02/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
20	408298-001	Dr. L. Senthil Kumar B. Maheswari N. Punitha S. Chitra	AP - MATHS AP - MATHS AP - MATHS AP - MATHS	Electric Paper Punching Machine	21/02/2024
21	408916-001 27/02/2024	Mr.R.VIMAL Ms.V.SATHIYAPRIYA Mrs. S. SUTHAVIJI Mr. T. BRAGADEESWARAN Mrs. C. VINODHINI Dr. E. KAVITHA	External External AP - CIVIL External External External	Device to perform analysis of polymer concrete	27/02/2024
22	409572-001	MR K SASIKUMAR	AP - MECH	Multifunctional wheelchair	7/3/2024
23	409666-001	MR.P.E. KAMALAKKANNAN MRS. M. DEEPARANI DR. B. VINOTHKUMAR DR. M. KRISHNAMOORTHY DR. M. KALAMANI DR.M.KALIAMOORTHY	AP - EEE External ASP - EEE External External AP - EEE	Contactless Thermal Scanning System for Security	7/3/2024
24	409869-001	Dr. S. Ponni Alias Sathya Dr. S.K. Ashok Dr. L. Meenachi Mrs. N. Sumathi Mrs. G. Saranya Mrs. K. Saranya Mrs. P. Rajeswari	AP - IT AP - IT AP - IT AP - IT AP - IT AP - IT AP - IT	Portable Solar And Electric Powered Charger For Electronic Device	8/3/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
25	410029-001	V. Shanmugaveni M. Bhagavathi Priya M. Prasannablessy M. Jotheeswari R. Abarnaswara S. Pooja M. Vijaya kumar A. Manojanani	AP - AIDS AP - AIDS AP - AIDS AP - AIDS External External AP - AIDS External	Machine learning based device cyber Security data analytic device	11/3/2024
26	411350-001	Ms. S. R. Indurekaa Dr. N. Suba Rani Dr. A. Nobel Mary Juliet Mr. M. Arun Dr. M. Balakrishnan	AP - AIDS AP - AIDS AP - AIDS AP - AIDS AP - AIDS	Location Detector	22/03/2024
27	411690-001	DR. RAJASHEKAR PATIL DR. JUSTIN JEYA AMUTHA DR. UMAMAHESWARI KRISHNASAMI DR. N. KOMAL KUMAR DR.K.BARANIDHARAN DR. JOSHUVA AROCKIA DHANRAJ	External External AP - ENGLISH External External External	Audiovisual Teaching practice	27/03/2024
28	411682-001	Dr.S.Ayyappan	ASP - MECH	Multi-Core Pin Coupling	27/03/2024
29	411693-001	Dr.S.Ayyappan	ASP - MECH	Pyrolysis Reactor	27/03/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
30	411700-001	MR S NACHIMUTHU DR M JAYARAJ MR GURUPRANES S V MR BALAMURALI N DR N SHANMUGA SUNDARAM MR VIJAYAKKANNAN K DR RAMA THIRUMURUGAN MR DINESH KUMAR J	AP - MECH AP(SG) - MECH AP - MECH AP - MECH AP (SG) - MECH AP - MECH Prof.- MECH AP - MECH	Circular Type Solar Cooker	27/03/2024
31	412199-001	MR K SASIKUMAR	AP - MECH	Regenerative E-Bicycle	1/4/2024
32	412200-001	MR K SASIKUMAR	AP - MECH	Multifunctional Solar Based Drone	01/04/2024
33	413413-001	Mrs. K.C.Rajarajeshwari Mrs. N. Nithiyameenatchi Mrs. L. Gowrijayasree Mrs. S. Sivaranjani Ms.S. Dharani Mr.M.Sivakumar Mr.K.R. Gokul Anand	AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE AP - ECE	Smart Robotics Using IOT and ML Techniques	13/04/2024
34	415929-001	Ms.S.Selvanayaki Dr.A.P.Janani Ms.S.Deepa Ms.T.Sumathi	AP - IT AP - IT AP - IT AP - IT	Deep Learning Integrated Object Recognition Device	6/5/2024

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
35	416312-001	Dr.K. MURALI Mr.K. SAMBATH Mrs. T. SANKAVAI Ms. R. ANUJA Dr. K. SRINIVASAN Mrs.M. GAYATHRI	External External External AP - CIVL ASP - CIVIL AP - CIVIL	Extrusion Structure for Wall Panels and Partitions	9/5/2024
36	418474-001	MR PSRB SHASHANK MRS J MARIA SHANTHI MR M VIGNESH MR M NITHYAKUMAR DR PRASHANT SUNAGAR V SAGANYA	External External AP - ECE AP - ECE External External	An IoT Based Intelligent Shopping Cart	30/05/2024

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF COPY RIGHTS REGISTERED

JUN-2023 to May 2024				Total Numbers: 02	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Registration
1	L-140391/2024	S.RAMAKRISHNAN	Dean R&I - IT	Research and Innovation Process Handbook of Dr.Mahalingam College of Engineering and Technology	ROC Date: 03/01/2024
2	L-147088/2024	CALVIN SOPHISTUS KING	Dean IRTD _AUTO	ICE cube model	ROC Date: 25/04/2024

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF COPY RIGHTS FILED

JUN-2023 to May 2024				Total Numbers: 01	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Date, Month & Year of Filed
1	4643/2024-CO/L	Ms.S.C.Lavanya Mr.P.Boopathi Rajan Dr.A.Noble Mary Juliet Ms.B.Suganya	AP (SS) - CSE AP (SS) - CSE ASP - CSE AP (SS) - CSE	Workbook on "Introduction to Big Data	21/02/2024 (F)