

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 22 to May 23 (AY: 2022 - 2023)										
	IPR		AUTO	ECE	EEE	VLSI	CSE	AIDS	IT	S&H	Total
1	Utility	Granted	1	0	0	0	0	0	0	0	1
		Filed/Pub.	0	1	4	1	2	1	1	4	14
2	Design	Granted	0	0	7	0	1	0	2	0	10
		Filed	0	0	6	0	2	0	4	0	12
IPR Filed Summary			0	1	10	1	4	1	5	4	26
`IPR Grant Summary			1	0	7	0	1	0	2	0	11
Total			1	1	17	1	5	1	7	4	37

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LIST OF GRANTED UTILITY PATENT

JUN-2022 to May 2023				Total Numbers: 01	
S.No	Application No	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	202141016329 Patent No:402964 (Self)	Mr. R. Manojkumar Dr.M.Selvakumar Dr.M.Thirunavukarasu Mr.R.Vishnu RameSh Kumar Dr.T.Ram kumar Mr.B.Kishore Mr.K.Sathishkumar	AP - MCT ASP - AUTO ASP - AUTO AP - AUTO AP (SS) - MECH ASP - EEE AP - EEE	Self-charging bi-cycle with solar panel	03/08/2022 (DCI) 23/04/2021 (P) 07/04/2021 (F)

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LIST OF FILED/PUBLISHED UTILITY PATENT

JUN-2022 to May 2023				Total Numbers: 14	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
1	202221024377	DR PRAFUL KUMAR DR ASHOK KUMAR KOSHARIYA DR. MOHD. SHAIKHUL ASHRAF DR. SURENDRA KUMAR YADAV MUGANDA MUNIR MANINI DR. AVADHESH KUMAR KOSHAL DR. DEEPTI SAXENA DR.M.PANDI KANDULA SUNDAR DR. NAGABHUSHAN CM DR. NAGSEN SAMADHAN BANSOD MIMANSHA AGRAWAL	External External External External External External External AP(SG) - CSE External External External External	Machine learning based hybrid module for predicting the crop yield depending on climatic and soil conditions	25/04/2022 (F) 01/07/2022 (P)
2	202241044746	DR. S. RAMAKRISHNAN DR.A.S.MUTHANANTHA MURUGAVEL DR. P. SATHIYAMURTHI DR.L.MEENACHI DR. S. PONNI ALIAS SATHYA DR.S.NITHYA MS.S.SOUNDARIYA MS.A.G.PRIYA VARSHINI	Dean R& I - IT ASP - IT AP(SG) - IT AP(SG) - IT AP(SG) - IT AP(SS) - IT AP(SS) - IT AP(SS) - IT	Wireless wearable bio-medical device for detecting brain and heart disorder in non-clinical environment	05/08/2022 (F) 12/08/2022 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
3	202241046374	B SHALINI REGHUNATH SUNAJA DEVI K R SRUTHI RAJASEKARAN B SARAVANAKUMAR J JOHNSON WILLIAM DEPHAN PINHEIRO	External External External ASP - PHY ASP - PHY External	Two dimensional CR2C MXENE decorated with COFE2O4 nanoparticles for high performance super capacitor application	16/08/2022 (F) 26/08/2022 (P)
4	202241046378	SRUTHI RAJASEKARAN SUNAJA DEVI K R B SHALINI REGHUNATH B SARAVANAKUMAR J JOHNSON WILLIAM DEPHAN PINHEIRO	External External External ASP - PHY ASP - PHY External	Hierarchically porous MN-MOFS composite with RGO as an efficient electrode material for super capacitor application	16/08/2022 (F) 26/08/2022 (P)
5	202241056622	Dr. N.Krishnamoorthy Mr. J.Nagarajan Mrs.P.Vimala Dr. R M Sathiya Moorthy Dr.C.S.Sundar Ganesh Ms.Anuradha Reddy Ranjith Kumar V	External AP - EEE External External External External External	A Deep Convolutional Neural Network System For Lithium -Ion Battery	02/10/2022 (F) 14/10/2022 (P)
6	202241056679	SRUTHI RAJASEKARAN SUNAJA DEVI K R B SHALINI REGHUNATH B SARAVANAKUMAR J JOHNSON WILLIAM DEPHAN PINHEIRO	External External External ASP - PHY ASP - PHY External	Samarium MOF Incorporated Polyaniline Nano composite as an Efficient Electrode for Super capacitor Applications	03/10/2022 (F) 14/10/2022 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
7	202241061596	Sivakumar K Haripranesh E Dr. K. Rameshkumar Dr. M. Kaliamoorthy	Student - EEE Student - EEE AP - EEE ASP - EEE	Automated Electrical Venturi Injector for Drip Irrigation in Agriculture with Embedded Features	28/10/2022 (F) 04/11/2022 (P)
8	202241015522	Dr.P.Suresh Mr.Anthony Jesudurai S Mrs.E.Swarnalatha Mrs.M.Premalatha Mrs.N.Laxmi Ms.T.S.Vijayalakshmi Dr.K.Senthamil Selvan Mr.P.Sai Sampath Kumar Dr.B.Lakshmi Dhevi Mr.Vivek Birla	External AP(SS) - EEE External External External External External External External External	A System for Power Transmission Tower through Internet of Things	21/03/2022 (F) 25/03/2022 (P)
9	202341004015	Ms. GUNANANDHINI S Dr. KALAIMANI M Ms. PRIYADHARSINI S Mr. DINESH S N Ms. BHAGAVATHIPRIYA M VIJAYAKUMAR M GAYATHRI G Mr. ANAND K Mr. PRABHU M K Mr. NITHISHKUMAR P Mr. JAYADEVA R Mr. DHARANEESH A P Mr. YESHWANTHKUMAR S	External External External External AP - VLSI AP - VLSI AP - VLSI External External External External External External	A Multifunctional Shopping Tramcar	20/01/2023 (F) 03/02/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
10	202341008631	Dr.R.Ramesh Ms.G.Deepa Mr.T.Selva Kumar Mr.N.Selvaganesh Dr.S.M.Prabin Ms.N.Indumath Ms.L.Dharshana Deepthi Dr.S.Chakaravarthi	AP(SG) - MATHS AP - CSE External External External External External External	Develop a Trusted Blockchain Auction Platform with Preferred Pricing Recommendations using Machine learning	10/02/2023 (F) 17/02/2023 (P)
11	202341007827	Dr. B. KAVYA SANTHOSHI Dr. ROHIT PANDEY Dr L CHITRA SARANGE SHREEPAD Dr. RAJKUMAR E Mr. V. SURESHKUMAR Dr. A. KUMARAVADIVEL Dr. R. MANIVASAGAM Dr. A.M. PRASANNA KUMAR Dr. DHRUVA KUMAR	External External ASP - EEE External External External External External External External	Solar powered robotic vehicle for heavy metal ions detection in water employing machine vision	07/02/2023 (F) 24/03/2023 (P)
12	202341019979	Nithya.G Kiruthikka.D.C Dr. M. Siva S.Nandhini V. Priyanka J. Arun Prasad Dr.K.Baskar Dr Kalaivani D Rajesh. U Pitcheri Praveen Kumar D. Vikram A. Suresh Kumar	External AP - AIDS External AP - AIDS External External External External External External External External	Earthquake Early Prediction And Warning System In Smart Cities Based On Deep Learning And IOT	22/03/2023 (F) 31/03/2023 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
13	202341026490	DR.K.S.TAMILSELVAN DR. T. THAJ MARY DELSY DR. G. RAJALAKSHMI MS. E. SHALINI MS. T. SATHIYAPRIYA MR. E. SAKTHIVEL MR. G. C. JAGAN MR. S. MANJIT MS. P. MATHU SHREE MS. V. KEERTHANA MR. V.AKASH MS. N.D.JAYADHARSHINI MS.S.ANUSHREE	External External External External AP - ECE External External External External External External External External	Automatic oil filling device for temple DIYAS	10/04/2023 (F) 05/05/2023 (P)
14	202341028555	DR. T. RAVICHANDRAN DR. M. JAIGANESH DR. A. NOBLE MARY JULIET R. MATHIYALAGAN DR. V. VINUTHA D. GOWTHAMI SHRUTHISHREE S H G. SIVAJI RAO S. RAMARAJ D. RAJAPRIYA M. KANIMOZHI	External External ASP - CSE External External External External External External External External	A system and apparatus of marine robotics to deep-sea specimen for underwater Manipulative actions	19/04/2023 (F) 26/05/2023 (P)

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LIST OF GRANTED DESIGN PATENT

JUN-2022 to May 2023				Total Numbers: 10	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	348928-001	Dr.T.Sathis Kumar Dr.N.Kavitha Mr. Md. Abdul Raheem Junaidi Dr Kishore Balasubramanian	External External External ASP - EEE	A supporter for portable terminal	Journal No is 50/2022 and Journal Date is 16/12/2022
2	353413-001	Mr. G. Yuvaraj Dr.Rashmita Khilar Mr. Jayaprakash Venugopal Mr. G. Ramakrishnan Dr. Ashok Kumar P S Dr. K. Rameshkumar	External External External External External AP - EEE	A Multipurpose Solar Taillight For Bicycle	Journal No is 01/2023 and Journal Date is 06/01/2023
3	350142-001	Mr.P.Vignesh Dr Piyush Gaur Mr. J. Jabinth Dr L Chitra	External External External AP - EEE	Ergonomic of child seat in electric tri-scooter	Journal No is 11/2023 and Journal Date is 17/03/2023
4	368818-001	Mr.Praveenkumar Chandran Dr.M.Kaliamoorthy Dr.S.U.Prabha	External ASP - EEE External	Brushless DC Motor for Electric vehicle	Journal No is 14/2023 and Journal Date is 07/04/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
5	378817-001	Dr . K.Suneeta Dr. V.KANNAN Dr . Revathy M Dr Kishore B VADIVEL. R Dr . IRUPU DANDEKAR HIMNEKAR Jenifer Mahilraj Mr. D.Durga Prasad	External External External ASP - EEE External External External External	IOT Streetlight Controller Device	Journal No is 18/2023 and Journal Date is 05/05/2023
6	379888-001	Dr.T.Dhiliphan Rajkumar Dr.Manmath Narayan Sahoo Dr J Thimmia Raja Dr.E.Poongothai Dr. P. Sivakumar	External External AP - IT External External	Iot Based Smoke and Heat Detector	Journal No is 19/2023 and Journal Date is 12/05/2023
7	380824-001	Dr. P. Sivakumar Dr. J Thimmia Raja Dr. Parthiban Mohandas Dr. A.S. Muthanatha Murugavel Dr. M. Arun	External AP - IT External External External	Currency Note Counting Machine	Journal No is 20/2023 and Journal Date is 19/05/2023
8	380828-001	Mr. Praveenkumar Chandran Dr.M.Kaliamoorthy Dr.S.U.Prabha	External AP - EEE External	Dual Switch Coupled Inductor Converter	Journal No is 21/2023 and Journal Date is 26/05/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
9	382119-001	Mr. Pradeep Kumar KG Dr. Surendran R Mr.K. Senthilkumar Dr Kishore Balasubramanian	External External External ASP - EEE	Agriculture Robot For Sowing Seeds	Journal No is 21/2023 and Journal Date is 26/05/2023
10	382619-001	Dr. P. T. Kalaivaani Dr. Vishal Gangadhar Puranik Dr. A.P. Janani Dr. MK Jayanthi Kannan	External External ASP - CSE External	Smart Phone Charger	Journal No is 21/2023 and Journal Date is 26/05/2023

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JUN-2022 to May 2023				Total Numbers: 12	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
1	368818-001	Mr.Praveenkumar Chandran Dr.M.Kaliamoorthy Dr.S.U.Prabha	External ASP - EEE External	Brushless DC Motor for Electric vehicle	04/08/2022
2	378817-001	Dr . K.Suneeta Dr. V.KANNAN Dr . Revathy M Dr Kishore B VADIVEL. R Dr . TRUPTI DANDEKAR HIMNEKAR Jenifer Mahilraj Mr. D.Durga Prasad	External External External ASP - EEE External External External External	IOT Streetlight Controller Device	7/2/2023
3	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(SS) - EEE External External External	Personal Assistant Robot	18/02/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
4	379888-001	Dr.T.Dhiliphan Rajkumar Dr.Manmath Narayan Sahoo Dr J Thimmia Raja Dr.E.Poongothai Dr. P. Sivakumar	External External AP - IT External External	Iot Based Smoke and Heat Detector	22/02/2023
5	380824-001	Dr. P. Sivakumar Dr. J Thimmia Raja Dr. Parthiban Mohandas Dr. A.S. Muthanantha Murugavel Dr. M. Arun	External AP - IT External External External	Currency Note Counting Machine	5/3/2023
6	380828-001	Mr. Praveenkumar Chandran Dr.M.Kaliamoorthy Dr.S.U.Prabha	External ASP - EEE External	Dual Switch Coupled Inductor Converter	5/3/2023
7	382119-001	Mr. Pradeep Kumar KG Dr. Surendran R Mr.K. Senthilkumar Dr Kishore Balasubramanian	External External External ASP - EEE	Agriculture Robot For Sowing Seeds	22/03/2023
8	382619-001	Dr. P. T. Kalaivaani Dr. Vishal Gangadhar Puranik Dr. A.P. Janani Dr. MK Jayanthi Kannan	External External ASP - CSE External	Smart Phone Charger	30/03/2023

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
9	383996-001	Ms.K.Ananthi Dr.M.Balakrishnan Dr.A.B.Arockia Christopher Dr.A.S.Muthanantha Murugavel Dr. J.Ramprasath	External ASP - IT ASP - IT ASP - IT ASP - IT	Face Mask and Sanitizer Dispensing Unit	15/04/2023
10	385639-001	Dr. S. Ponni Alias Sathya Dr. S. Ramakrishnan Dr. S. K. Ashok D. Janani N. Sumathi	ASP - IT ASP - IT AP (SG) - AUTO ASP - IT ASP - IT	Household Grinding Machine	5/5/2023
11	385939-001	Mrs.S.Prince Sahaya Brighty Mrs.P.Selvanayaki Ms.S.Manasha . Ms.M. Mahathija Ms.S. Nandhana	External AP - CSE External External External	Fruits Quality Monitoring And Adulteration Detection Device	10/5/2023
12	386250-001	Dr. M. Karthik Mrs. L. Sreevidya Dr. K. Umamaheswari Mrs. S. Abiramasundari Mr. G. Mani Sankar Dr. R.Ramkumar	External External AP(SG) - EEE AP - ECE External External	Solar power EV charging system	15/05/2023