

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 21 to May 22 (AY: 2021 - 2022)										
	IPR		MECH	AUTO	CIVIL	ECE	EEE & EIE	CSE	IT	S&H	Total
1	Utility	Granted	0	1	0	0	0	0	0	0	1
		Filed/Pub.	1	3	3	2	10	4	4	2	29
2	Design	Granted	0	0	0	0	1	0	0	0	1
		Filed	0	0	0	1	2	0	0	0	3
IPR Filed Summary			1	3	3	3	12	4	4	2	32
`IPR Grant Summary			0	1	0	0	1	0	0	0	2
Total			1	4	3	3	13	4	4	2	34

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF GRANTED UTILITY PATENT

JUN-2021 to May 2022				Total Numbers: 01	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	201941019354 Patent No:368826 (Dr. MCET)	M. SELVAKUMAR	ASP - AUTO	Titanium-titanium boride composite as a biomaterial for hip, and knee implants	08/06/2021 (DCI) 24/05/2019 (P) 15/05/2019 (F)

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-2021 to May 2022				Total Numbers: 29	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
1	202141020600	Mr.K. Sasikumar Dr. K. Hariharan Dr. T. Ramkumar Dr. M. Selvakumar	AP - MECH AP - MECH AP - MECH AP - AUTO	Pugh matrix based decision making for the bore well rescue method and system thereof	06/05/2021 (F) 18/06/2021 (P)
2	202141021319	Dr.I.Daniel Lawrence Dr.M.Thirunavukkarasu Dr. B. Kishore Mr. C. Sathish Dr.M.selvekumar Mr. T.Ramkumar	External AP(SS) - AUTO AP - EEE External ASP - AUTO AP (SS) - MECH	Cost effective congruence mechanism for self-regualting molding machine using IOT and signal processing	11/05/2021 (F) 11/06/2021 (P)
3	202141021703	Dr.K.Rameshkumar Dr. A.Senthilkumar Dr. M.Kaliamoorthy Mr. P. Kathirvel Mr.A.Maideen Abdhulkader Jeylani	AP - EEE Prof & Head - EEE ASP - EEE AP - EEE External	Model predictive current control of single-phase 9-level reduced switch multilevel inverter	13/05/2021 (F) 11/06/2021 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
4	202141026200	Dr.N.Yogambal Jayalakshmi Dr.T.Vinoth Kumar Dr. K. Umamaheswari Dr. P Monica Dr. Neelakandeswari Natarajan Mr.V.R.Mani Mr.Jayabalan Sivasamy Mr.R.Rajkumar Mr.B.Raja Pagalavan Mrs.D. Hema Sumitha Mr.Koteeswaran Sivasamy	AP - EEE External AP (SG) - EEE External External External External External External External External	Real time based IOT enabled smart metering system	11/06/2021 (F) 16/07/2021 (P)
5	202141027057	Mr.P.Kathirvel Raghul M Aravinth V P.Kathirvel Dr.K.Vijayakumar L.Jayaraman M.Ganeshan Dr.K.Rameshkumar Mr.A.Maideen Abdhulkader Jeylani	AP - EIE AP - EIE AP - EIE AP - EIE ASP - EIE AP - EIE AP - MCT AP - EIE External	Smart pharma drug locator	17/06/2021 (F) 02/07/2021 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
6	202141029313	Dr. M JAIGANESH ARUN NAGARAJA MATHIYALAGAN R Dr. A NOBLE MARY JULIET Dr. UMA BOREGOWDA SOUMYA K N SHRUTHI SREE SH Dr. M AMUTHA PRABHAKAR MERCY S Dr. R NAGARAJA Dr. G N BALAJI	External External External ASP - CSE External External External External External External External	An AI-assisted, liquid-based universal focal length adjustable eyeglasses	30/06/2021 (F) 16/07/2021 (P)
7	202141031207	Dr.I.Daniel Lawrence Dr.M.Balasubramanian Dr.R.Arunprasath Dr.C.Ramesh Kannan Mr.B.Aravinth Dr B Kishore	External External External External External AP - EEE	IOT enabled convenient digital spectrophotometer to investigate engine oil and impurities level in real time practice	12/07/2021 (F) 16/07/2021 (P)
8	202141031413	Dr. V. SEETHALAKSHMI Mr. M. MANIKANDAN Dr. K. SUMATHI Dr. S. GEETHA Mrs. T. SATHIYAPRIYA Mr.V. GURUNATHAN Mr.J. DHANASEKAR Dr. V.V. TERESA Mr. A. SHAFEEK Dr. G. DHIVYASRI	External External External External AP - ECE AP - ECE External External AP - ECE External	Mechanical movement based extra lower door step in bus for easy access designed for elderly people	13/07/2021 (F) 23/07/2021 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
9	202141041223	Dr. Rajesh Kumar Patnaik Dr Nandakishor Sirdeshpande Dr.B.Suresh kumar Dr R Ashok Kumar Ms N Ramadevi Mr Rajesh Kumar Mohapatra Sonu Kumar T.Sathesh Kumar Prof. Priya Tiwari Prof. Snehlata Mishra Dr Vilas Ramrao Joshi Dr. Vanita Jain	External External External External External External External AP - EEE External External External External	Artificial intelligence based smart powering technique using solar tracking system	14/09/2021 (F) 29/10/2021 (P)
10	202141043312	Dr. N. SUBA RANI Dr. A. NOBLE MARY JULIET Dr. M.L. VALARMATHI Dr. N. SENTHIL MADASAMY Dr. N. GOBI Dr. J. BHAVITHRA Dr. M. PANDI	AP(SG) - CSE AP(SG) - CSE Prof - CSE AP - CSE AP(SS) - CSE AP (SG) - CSE AP (SG) - CSE	Coconut sorting machine and an artificial intelligence based method for evaluating the quality of coconuts	24/09/2021 (F) 05/11/2021 (P)
11	202141045081	Mr. M. MANIKANDAN Dr. V. SEETHALAKSHMI Mr. K. BALASAMY Mrs. S. SUGANYADEVI Dr. N. GOBI Dr. D. SHAMIA Mrs. J. PRIYA Mr. N. ILAYARAJA Mrs. A. ANCI MANON MARY Dr. G. DHIVYASRI	External External AP - IT External AP (SS) - IT External External External External External	Mechanical movement based extra lower door step in bus for easy access designed for elderly people	05/10/2021 (F) 05/11/2021 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
12	202141049829	Dr. N M G KUMAR Dr. HEMANT B. MAHAJAN Mrs. KOTTEESWARI C Mr. T.SATHESH KUMAR Dr. S.KAYALVILI Mr. RAHAT ULLAH KHAN V RAMANARAYANA G MADHU SAGARBABU Dr. AJAY SINGH YADAV Dr. K.G.S. VENKATESAN	External External External AP - EEE External External External External External External	Deep learning based fault detection electrical distribution network	30/10/2021 (F) 12/11/2021 (P)
13	202141053774	Dr. A. PRASANTH Mrs. M. NAMRATHA Dr. P. MUNEESHWARI Mrs. K. KAVITHA Mrs. K. SARANYA Mr. D. RAM NIVAS Mrs. R. VAISHNAVI	External External External External AP - EEE External External	PNH-device: IOT-based ICU patient notification and health monitoring device	23/11/2021 (F) 10/12/2021 (P)
14	202141053716	Dr. T. AYYAPPAN Dr.A.HEMALATHA N. V. N. RAVALI Dr. K. SRINIVASAN Ms.R.ANUJA Mrs.S.RAMESHWARI Mr.M.SUDHARSANAN Mr. K HAREESH Dr.S.ROBERT RAVI Dr. C. SELIN RAVI KUMAR	External External External AP(SS) - CIVIL AP - CIVIL External AP - CIVIL External External External	Experimental studies on banana fibre with concrete composites	23/11/2021 (F) 10/12/2021 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
15	202141054387	Dr.S.Rajasekaran Dr. G.Radhakrishnan Vignesh Dr.K.Rameshkumar Mr.P.Kathirvel Dr.S.Karthigai Lakshmi Dr. C. Sujatha Mrs. D. Monica	External External External AP - EEE AP - EEE External External External	Development of robotics hand fingers using worm and wheel mechanisms	25/11/2021 (F) 10/12/2021 (P)
16	202141057852	Dr. SUDHA V.K S. SUGUNAVATHY PARTHIBAN. D Dr. S. BHARATHI	AP - ECE AP - ECE AP - ECE AP - ECE	Wearable textile antenna	13/12/2021 (F) 31/12/2021 (P)
17	202141061248	Dr.G Jaffino Mr. T Palaniappan Dr. C. Brijilal Ruban Dr. G. Dhanabalan Mr.M.Kamarajan Mr. Samuel Swamidoss MK Mr. R.Rajprabu Mr. D.Suresh Mr. M.Ashokkumar Mr.R.Ashok	External AP - S&H External External External AP - MECH External External External External	Wireless Sensor Network for Long- term Environmental Checking for Internet of Things Application	28/12/2021 (F) 07/01/2022 (P)
18	202221001808	DR SIDDHARTHA CHOUBEY DR C. VEENA DR ABHA CHOUBEY NISARG GAJANAN GANDHEWAR DR. S. SRINIVASAN DR NAZIM SHA S VEERAMANI SONAI DR.M.PANDI	External External External External External External External External AP - CSE	Deep learning techniques to assess the network security aspects	12/01/2022 (F) 27/05/2022 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
19	202241003802	Daniel Lawrence I Dr.M.Balasubramanian Mr.E. Sivakumar Dr.V.Sivananth Mr.D.Shanmugam Dr.S.K.Ashok	External External External External ASP - AUTO AP(SS) - AUTO	Real time monitoring of vibration and automation of milling machine using IOT enabled embedded system	24/01/2022 (F) 04/02/2022 (P)
20	202241007240	Dr.S.Balamurugan DR.A.P.JANANI DR.INDRAJIT PAN DR.NAZIA TABASSUM SUMIT KUMAR MISHRA DR.R.KUMAR DR.D.LAKSHMI PADMAJA DR.RAM BHAWAN SINGH DR.ALOK AGRAWAL DR.PIYUSH KUMAR TRIPATHI MOHD WAJAHATULLAH NASEEM PRIYANKA RAJESH PATIL DR.AMRESH KUMAR DR.PAVITHRA G DR.T.C.MANJUNATH	External AP - IT External External External External External External External External External External External External External	System and method for generating cyber security analytics for enterprise data using threat based artificial intelligence	10/02/2022 (F) 04/03/2022 (P)
21	202241007338	Mr. Senthil Kumar Dineshkumar Dr. Narayanan Natarajan Mr. Muthusamy Mohanaprasath Ms. Sivalingam Sharmila Dr. Thangavel Sakthivel Mrs. Shanmugavadivel Suthaviji Dr. Mangottiri Vasudevan	AP - CIVIL ASP - CIVIL External AP - CIVIL External AP - CIVIL External	Adjustable multipurpose storage basket for the refrigerator	11/02/2022 (F) 25/02/2022 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
22	202241008807	Dr. K. SRINIVASAN Mr. P.S. SATHISH KUMAR Mrs. LATHA CHINNASWAMY Mr. A. MANIKANDAN	AP(SS) - CIVIL AP - CIVIL AP(SS) - CIVIL AP - CIVIL	Performance study of coconut shell aggregate concrete with bamboo reinforcement	20/02/2022 (F) 04/03/2022 (P)
23	202241013316	Dr. D. Shanmugam	ASP - AUTO	A natural fibre based composite and a process to obtain the same	11/03/2022 (F) 08/04/2022 (P)
24	202241017796	M.Meena Praveen Kumar M R.Karthika M.Ambika G.Anandhi M.Sowmya S.P.Santhoshkumar N.Geethanjali	External AP - IT External External External External External External	Touchless ATM utilizing mobile phones with instant pin number generation	28/03/2022 (F) 01/04/2022 (P)
25	202241017800	Mr.A.Venkatesh Mrs.V.Karpagam Mr.G.Karthikeyan Mr.A.Maideen Abdhulkader Jeylani Mr. P.Kathirvel Dr.K.Vijayakumar Dr.K.Rameshkumar Mr.T.Gowtham Mr.P.E.Kamalakkannan	AP - EIE AP - EIE AP - EIE External AP - EIE ASP - EIE AP - EEE AP - EIE AP - EIE	Detection of beetles in coconut grove	28/03/2022 (F) 15/04/2022 (P)

S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed/Published
26	202241023295	SRUTHI RAJASEKARAN SUNAJA DEVI K R B SHALINI REGHUNATH B SARAVANAKUMAR J JOHNSON WILLIAM DEPHAN PINHEIRO	External External External AP - PHY AP - PHY External	Synthesis of amine functionalized metal organic framework using H2FIPBB ligand for energy storage applications	20/04/2022 (F) 13/05/2022 (P)
27	202241023296	Dr. P. SATHIYAMURTHI Dr. N. NATARAJAN Dr. L. SENTHIL KUMAR Ms. C. DEVIPRIYA Ms. R. DHIVYA	AP - IT ASP - CIVIL ASP - MATHS AP - CSE AP - CSE	Multi-Purpose Detangling Device with Liquid Dispenser	20/04/2022 (F) 13/05/2022 (P)
28	202241025599	Dr. N.Panneerselvam Dr. Depaa RA B Dr. Rakhi Mutha Ms.S.Karthiga Dr.K.Indira Dr. Santhi M George Mr Muthubharathi R Mr Syed Moazzam Ali Dr. Krishna Jibon Mondal Mr.R.Jeeva Dr. V.Kannan	External External External External External External AP - EEE External External External External	A data processing device for based on IOT	02/05/2022 (F) 13/05/2022 (P)
29	202241025898	Dr. N. SENTHIL MADASAMY Dr. R. MANIKANDAN Dr. K. DEVIPRIYA Dr. ANITA HARSOOR Dr BHADRAPPA HARALAYYA NITESH S VIBHUTE SHAFEE S. M. Dr HARISHCHANDER ANANDARAM Dr. R. THIAGARAJAN	ASP - CSE External External External External External External External External	IOT based smart surgery management system for hospitals	04/05/2022 (F) 13/05/2022 (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-2021 to May 2022				Total Numbers: 01	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Granted
1	353645-001	Mr. P.Anbarasu Dr. M.Varatharaj Mr. A.Venkatesh Dr. S.Balasubramani Dr. D.Palanivel Rajan Mr. V. Muralidharan	External External AP - EEE External External External	Electric scooter for handicapped	Journal No is 03/2022 and Journal Date is 21/01/2022

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

(An Autonomous Institution)

Office of Dean Research & Innovation

LIST OF FILED DESIGN PATENT

JUN-2021 to May 2022				Total Numbers: 03	
S.No	Application No.	Name of the Inventors	Designation & Dept	Title of the Patent	Month & Year of Filed
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	4/9/2021
2	350142-001	Mr.P.Vignesh Dr Piyush Gaur Mr. J. Jabinth Dr L Chitra	External External External ASP - ECE	Ergonomic of child seat in electric tri-scooter	24/09/2021
3	353645-001	Mr. P.Anbarasu Dr. M.Varatharaj Mr. A.Venkatesh Dr. S.Balasubramani Dr. D.Palanivel Rajan Mr. V. Muralidharan	External External AP - EEE External External External	Electric scooter for handicapped	24/11/2021