

Dr. Mahalingam College of Engineering and Technology, Pollachi – 642003
Department of Automobile Engineering

Patent Details

Academic year	No. of Publications
2023-2024	7
2022-2023	1
2021-2022	4
2020-2021	7

Academic Year: 2023-2024

S. No	Name & affiliation of the Inventors/s	Title of the Patent	Application No.	Month & Year of Publication (MM/YYYY)	Patent Publication page link
1	Antony Jesudurai, Dr. M.Selva kumar, Dr. T.Ram kumar, Dr. M.Thirunavikkarasu, Dr. V.K. Sudha, Dr. V. Regina Delcy, Dr. V.Umadevi	An arrangement for detecting surface defects of engine piston and method thereof	202341042 928 A	09/2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
2	Dr. Indradeep Kumar, Dr.J.Ananth, Mr.R.Vishnuramesh kumar, Dr. K. Arun, Dr.G.Rathinasabapathi, KartikeyaParmar, R Rajaprasanna	Natural Fibers Composites for Construction and Automotive Industries	202341057 341 A	09/2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
3	Dr. R.S.Ganesh, Dr. C. Esther Jeyanthi, S. Mahalingam, Mrs.M.BabyAnusha, K. Jamal, Mr.MaravarmanM, Premkumar R	A System for Providing Security and Privacy in 5G Wireless Networks And Detecting Threats Providing Counter measures, and Cryptographic Protocols	202341057 342 A	09/2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
4	Andril Alagusabai, Mr.R.B.Rajeshkumar, Mr. N. Dhamodharan, Dr. Rajesh Thipparaju	A Control System Using IOT for Electric Vehicles Management	202341059 798 A	10/2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

5	Dr. Indradeep Kumar, Manu Kumar Thakur, Dr. K Sakthi Vadivel,	Internal Combustion Engine Using Alternative Fuel Injection System and Method Thereof	202341059 794 A	10/2023	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
6	Dr.K.Vinoth Kumar Rameshkumar K D. Gnanaprakasam N.Dhamodharan Mr.P.Kathirvel Ms. N. Pooranam Dr. Pankaj Pathak T. Vignesh	Intelligent Assistive Robot For Elderly Care People	400196-001	11/01/2024 Granted	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
7	Dr. S. Ponni Alias Sathya Dr. S. Ramakrishnan Dr. S.K. Ashok D. Janani N. Sumathi	Household Grinding Machine	142746	30/08/2023 Granted	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

Academic Year: 2022-2023

S.No.	Name & affiliation of the Inventors/s	Title of the Patent	Application No.	Month & Year of Publication (MM/YYYY)	Patent Publication page link
1	Mr. R. Manojkumar Dr. M. Selvakumar Mr.R.Vishnu Ramesh Kumar Dr. T. Ramkumar Mr. B. Kishore Mr. K. Sathishkumar	Self Charging Bi Cycle with solar panel	202141016 329 A	23-04-2021 Granted 05/08/2022	https://search.ipindia.gov.in/IPOJournal/Journal/Patent

Academic Year: 2021-2022

S.No.	Name & affiliation of the Inventors/s	Title of the Patent	Application No.	Month & Year of Publication (MM/YYYY)	Patent Publication page link
1	Dr.I.Daniel Lawrence Dr.M.Thirunavukkarasu Dr. B. Kishore Mr. C. Sathish Dr.M.Selvakumar Mr. T.Ramkumar	Cost effective convergence mechanism for self-regulating molding	202141021 319A	11-06-2021	https://search.ipindia.gov.in/IPOJournal/Journal/Patent
2	Mr.K. Sasikumar Dr. K. Hariharan Dr. T. Ramkumar Dr. M. Selvakumar	Pugh matrix based decision making for the borewell rescue system	202141020 600 A	18-06-2021	https://search.ipindia.gov.in/IPOJournal/Journal/Patent
3	Daniel Lawrence Dr.M.Balasubramanian Mr.E. Sivakumar Dr.V.Sivananth Dr.D.Shanmugam Dr.S.K.Ashok	Real time monitoring of vibration and automation of milling machine using IoT enabled embedded system	202241003 802 A	04-02-2022	https://search.ipindia.gov.in/IPOJournal/Journal/Patent
4	Dr. D. Shanmugam	A natural fibre based composite and a process to obtain the same	202241013 316 A	08-04-2022	https://search.ipindia.gov.in/IPOJournal/Journal/Patent

Academic Year: 2020-2021

S.No	Name & affiliation of the Inventors/s	Title of the Patent	Application No.	Month & Year of Publication (MM/YYYY)	Patent Publication page link
1	D. Balaji Dr. A.K.Priya V.Bhuvanewari S.Gokulkumar N.Karthi Dr.S.Sathish L.Prabhu Dr.M. Priyadharshini S.Vetrivel Dr. KarthickJayaram	Healing Aided Bio-Mask	202041026 204 A	10-07-2020	https://search.ipindia.gov.in/IPJournal/Journal/Patent
2	Dr. KarthickJayaram Dr. RajeshkannanAnanthanarayanan Dr. A.K.Jeevanantham Balaji D	Method for Manufacturing FEM by combined FRP & Metal thereof	202041033 177 A	21-08-2020	https://search.ipindia.gov.in/IPJournal/Journal/Patent
3	D. Balaji J.Vaijyanthimala Dr.KarthickJayaram Dr.JarabalaRANGA Dr.M.Priyadharshini Dr.A.K.Priya Mr.S.K.B.Pradeepkumar Mr.E.Sathish Mr.A.Sudhakar Mr.G.Sudharsan Mr.N.Suresh	Ecofriendly 3D Printing Element Manufacturing Technique	202041042 045 A	09-10-2020	https://search.ipindia.gov.in/IPJournal/Journal/Patent

4	DevarajanBalaji JayaramKarthick MuthukrishnanPriyadhar shini PandarinathanSivarama n T. Geethapriyan T. Lakshmanan	Method of synthesizing hybrid composite metal with natural ceramic and joining thereof	202010391 3	27-01- 2021	http://pericles.ipaaustralia.gov.au/ols/ePublish/content/olsAvailablePatentPDFs.jsp?_gl=1*3wbimq*_ga*_MjI2NDY5ODM5LjE2NjU0MDExMjE.*_ga_QX1TWEZ1L*MTY2NTQ3MDkxMy4yLjEuMTY2NTQ3MDkzNC4wLjAuMA..
5	SakthivelG Prawin Murthy M A ThamaraiSelvanS Dr. M. Selva Kumar Dr. T. Ram Kumar	Areca nut harvesting machinery with pesticide sprayer	202141008 887, CBR No. 7781,	12-03- 2021	https://search.pindia.gov.in/IPJournal/Journal/Patent
6	Dr.I.Daniel Lawrence Dr.M.Balasubramanian Ms.A.Chandana Mr.A.Anbarasan Mr.J.Vairamuthu Mr.JGnanaraj Mr.F.FelixPrabhu Mr.N.Krishnamoorthy Dr.V.R.Muruganatham Dr.M.Thirunavukkarasu	Advanced IAQ control system and alcohol detector for commercial vehicles	202141011 242A	26-03- 2021	https://search.pindia.gov.in/IPJournal/Journal/Patent
7	Mr. R. Manojkumar Dr.M.Selvakumar Mr.R.Vishnu Ramesh Kumar Dr.T.Ramkumar Mr.B.Kishore Mr.K.Sathishkumar	Self Charging Bye Cycle with solar panel	202141016 329 A	23-04- 2021	https://search.pindia.gov.in/IPJournal/Journal/Patent