



SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

SRM Nagar, Kattankulathur – 603 203.

DEPARTMENT: MECHANICAL ENGINEERING



17.07.2023

S No	Name of the Inventors	Name of the Co-Inventors	Title	Application No.	Patent Filed date	Current Status (FILED / PUBLISHED/ GRANTED)
1	Dr.K.Sivakumar	Dr.T.Sampathkumar	Automatic removal of suspended sediments in drainage pipe line	201941017451	02/05/2019	Published on 02/08/2019
2	Dr.K.Sivakumar	1. Mr.C.Elanchezhian 2. Mr.Raghuram Pradhan 3. Mr.K.Venkatraman 4. Mr.V.M.Manickavasagam 5. Mr.D.Muruganandam 6. Mrs.J.Jayapriya 7. Mr.C.G.Mohan 8. Mr.V.Raviraj 9. Mr.S.Karthick	Reinforced Particulate Aluminium metal matrix composite and process for making the same	201941052771 A	19/12/2019	Published on 03/01/2020
3	Dr.K.Sivakumar	1. Mr.A. Dhanalakshmi 2. Mr.S. Kathiresan 3. Mr.Raghuram Pradhan 4. Mr.L. Saravana Kumar 5. Mr.S. Manikandan 6. Mr.K. Arunan 7. Mr.G. Thilagavathi 8. Mr.S. Mohan 9. Mr.S. Krishnaraj	Waste heat into electricity	201941052773 A	19/12/2019	Published on 03/01/2020
4	Dr.S.Thirugnanam	1. Mr.K.Velmurugan 2. Mr.C.Jayabalan 3.Mr.T.Dharmaprabhakaran 4. Mr.K.Vetri Velmurugan 5. Mrs.B.Karthikeyan 6. Mrs.Balakrishnan	Composite LPG cylinder using GFRP with Al Alloy matrix	202141025442 A	08/06/2021	Published on 25/06/2021

5	Dr.S.Thirugnanam	Dr.S.Thirugnanam	Analysis of the influence of reinforcements on machining characteristics of Al8011	202241007885	15/02/2022	Published on 25/02/2022
6	Mr.G.Rajesh	Mrs.G.Rajesh	Design and Development of Regenerative Electrical Bicycle using weight Lifting Electro Magnetic Coil Braking system	202241051491	09/09/2022	Published on 16/09/2022
7	Mr.J.P.Ramesh	1. Mrs.G.Sivaraj 2. Mrs.J.P. Ramesh 3. Mrs.M.S. Parath	Dust removing system of car	374281-001	17/11/2022	Filed on 17/11/2022
8	Dr.S.Suresh Pungaiiah	1. Mr.V.Narasiman 2. Dr.S.Suresh Pungaiiah 3. Mrs.Mahalakshmi 4.Mr. Arun chandran 5. Mr.Chirag Mehra 6 .Mr.S.Kannan	Experimental Investigation of DI Diesel Engine Performance With Oxygenated Additive and Some Biodiesel	202211069770	02/12/2022	Published on 09/12/2022
9	Mrs.N.Nithya	Mrs.N.Nithya	Design and development of MR damper for machining al based metal matrix composites.	202241070750	8/12/2022	Published on 30/12/2022
10	Mr.R.Ashok	Mr.R.Ashok	Design and development of Wheel based pipe inspection robot	202341023058	29/03/2023	Published on 21/04/2023
11.	Mr.S.Sivasankar	Mr.S.Sivasankar	Clockwise double twisting copper sharp edge square prism rib with inline multiple elliptical holes	202341024581	31/03/2023	Published on 21/04/2023
12	Mr.R.Ashok	Mr.R.Ashok	Improved cooling and aerodynamics for electric vehicles	202341035379	22/05/2023	Under Screening & Classification