

RMK COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Mechanical Engineering

PATENTS GRANTED/FILED/PUBLISHED

S.No	Name of the Inventor (s) with Designation	Title of Invention	Date of Filing	Patent No. (or) Application No.	Date of Publication	Year	Status
1.	Dr. Devan P K Professor	New Poon Oil Composition-diesel Blend as Aalternative Fuel for Diesel Engine” has been granted on 16th July 2012.materials	June 2007	253355	-	2012-13	Granted
2.	Dr. Balasubramanian M Professor & Head	A novel Methodology for the Placement of Multi diameter interlayer OFC Material in Friction Welding of Dissimilar	31.03.2015	CH/1669/2015	10.04.2015	2014-15	Application in Amended stage
3.	Dr. Balasubramanian M Professor & Head	A Novel methodology implemented in modifying the nozzle by incorporating multi start internal thread	04.03.2016	201641007629	Publication number 25/2016	331762	Granted
4.	Dr.P.K.Devan, Professor R.Ashokkumar, Asst. Professor V.Thangadurai Thummalalokesh	Emission control using new chemical composition applied in engine exhaust line (muffler) of a stationery diesel engine	04.02.2016	201641003944	25.03.2016	2015-16	Application in Amended stage
5.	Dr.P.K.Devan Mrs. K.Renugadevi	Calotropisgigantea Natural fiber yarn reinforced composite laminate for making automobile and structural components	23.06.2016	201641021535	15/07/2016 Publication Number 29/2016	2016-17	Awaiting Examination
6.	Dr.M.Balasubramanian Professor & Head, Dr.P.K.Devan, Professor, Mr.T.G.Loganathan, Associate Professor, Mohamed Furquan.K, MurahariSaaiKrishna . Lalith Kumar. D, (Students)	New Methodology For Generating Spur Gear And Helical Gear Using Radial Drilling Machine		201641038549	Publication date: 25/11/2016 Journal No. 49/2016	2016-17	Application in Amended stage
7.	Dr.M.Balasubramanian Professor & Head Dr. P.K.Devan, Professor Mr.T.G.Loganathan,	New approach to arrest Flammable Gases Using Microcontroller Operated		201641038550	Publication date: 25/11/2016 Journal No. 49/2016	2016-17	Application in Amended stage

	Associate Professor Mr.M.Saravanan, Asst. Professor Mr. O.R.Nirmal, Mr.G.Praveen Kumar. Mr.S.R.NishokSriram. (Students)	Solenoids					
8.	Dr.M.Balasubramanian Professor & Head Mr.N.Sadasivan Asst. Prof/Mech	A convertible ECAP die with an interchangeable exit channel attachment enabling flexibility	06.09.2017	20174103 1504	15/09/2017	2017-18	Application Examined (FER Issued)
9.	1 . Dr. T G Loganathan 2 .Mr. K.Vinoth Kumar 3 . Mr. G. Jagadeesh	New Approach On Design And Development Of Mechanical Anti-Lock Braking System (ABS Using Torque Reduction Principle	04/07/2019	20194102 6760	02/08/2019	2019-20	Application Awaiting Examination
10.	Mr.T.Sankaramoorthy R.M.K. College of Engineering and Technology Tiruvallur District, Tamil Nadu India	A SYSTEM AND METHOD OF MECHANICAL ROTARY TO RECIPROCATING VIA METAMATERIAL MECHANISM	05-03-2019	20194101 7674	05-10-2019	2019	Published
11.	T.Sankaramoorthy R.M.K. College of Engineering and Technology Tiruvallur District, Pin 601206 India	AUTONOMOUS AERIAL VEHICLE	19-11-2018	20184104 3549	30-11-2018	2018	Published
12.	T.Sankaramoorthy R.M.K. College of Engineering and Technology Tiruvallur District, Pin 601206 India	SEISMIC ISOLATOR DEVICE FOR SEISMIC PROTECTION	24-07-2018	20184102 7780	08-03-2018	2018	Published
13.	T.Sankaramoorthy R.M.K. College of Engineering and Technology Tiruvallur District, Pin 601206 India	WASHBOWL FROM E-WASTE MATERIALS	08-07-2018	20184102 9579	17-08-2018	2018	Published
14.	Dr. T G Loganathan Mr.K.Vinothkumar	EXTRACTION OF CELLULOSIC FIBER FROM CARYOTA URENS (FISH TAIL PALM) FRUIT STEM	20.12.2019	20194105 3076	03/01/2020	2020	Awaiting Examination

		AS POTENTIAL REINFORCE					
15.	DrS.Senthilkumar Dr. C.Bibin	AN AUTOMATED METHOD AND SYSTEM FOR GRAVITATIONAL TRANSPORTATION OF MINERALS ALONG WITH SEGREGATION	18/01/2020	202041002231	24/01/2020	2020	Published
16.	DrS.Senthilkumar	Development of Pesticides Spray Drone for Agriculture Fields	May 2020	202041020773	-	2020	Filed
17.	DrS.Senthilkumar	Development of IoT based part inspection system	April 2020	202041016738	-	2020	Filed