

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE - 637 215
(Autonomous)

DEPARTMENT OF CIVIL ENGINEERING

Details of Patent / Copyright

Sl.No.	Title	Inventors	Application No.	Date	Status
Academic Year: 2012-2013					
1.	Basaltcrete Building Blocks	Dr.T.Palanisamy Mr.G.Dineshkumar	4959/CHE/ 2012	29.11.2012	Granted on 15.3.2021
Academic Year: 2013-2014					
1.	Luffacrete Panels	Dr.T.Palanisamy	5316/CHE/ 2013	19.11.2013	Filed
2.	Glasscrete Building Blocks	Dr.T.Palanisamy Mr.N.Sudharsan	5315/CHE/ 2013	19.11.2013	Granted on 18.12.2020
Academic Year: 2014-2015					
1.	Microbialcrete Composite	Dr.T.Palanisamy Mr.V.Senthilkumar	5292/CHE/ 2014	24.10.2014	Granted on 21.6.2022
2.	Hybrid Natural Coagulants	Dr.T.Palanisamy Mr.N.Muralimohan	5635/CHE/ 2014	10.11.2014	Filed
3.	Innovative BottomAsh Geopolymer Concrete Blocks	Dr.V.Revathi Mr.R.Saravanakumar	1830/CHE/ 2015	07.04.2015	Filed
Academic Year: 2015-2016					
1.	Identification of Suitable Artificial Recharge Sites Using Fuzzy Logic	Dr.A.Geethaselvarani	3436/CHE/ 2015	06.07.2015	Application Awaiting Examination
2.	An Innovative Sludge Integrated Flyash Bricks	Dr.S.Senthilkumar Mr.P.Velumani	3437/CHE/ 2015	06.07.2015	Filed
3.	Development of Self Compacting Self Curing Concrete With Flyash Aggregate	Dr.V.Revathi Mr.R.Gopi	3512/CHE/ 2015	09.07.2015	Filed
4.	Development of FAL-G Binder Pervious Concrete for Parking Lots	Dr.V.Revathi Mr.K.S.Elango	3513/CHE/ 2015	09.07.2015	Filed
5.	Plywood Sandwich Panel With Steel Slag and Bitumen	Mr.S.Southamirajan Mr.S.Santhosh Mr.R.Babu Mr.K.Santhoshkumaar	4421/CHE/ 2015	24.08.2015	Filed

6.	Bitumen Bound Sewer Storage Tank	Mr.S.Southamirajan Mr.S.Santhosh Mr.R.Babu Mr.K.Santhoshkumaar	4422/CHE/ 2015	24.08.2015	Filed
7.	Manufacturing process of pavement blocks via earth moist concrete	Dr.T.Palanisamy Mrs.A.Preetha	5383/CHE/ 2015	08.10.2015	Filed
8.	Manufacturing process of Aluvera-concrete	Dr.T.Palanisamy Mr.P.V.SrinathKarthick	6112/CHE/ 2015	13.11.2015	Filed
9.	Fabrication and testing methods of strain measuring instruments for brick masonry "SMIBM"	Dr.T.Palanisamy Mrs.K.Vidhya	6113/CHE/ 2015	13.11.2015	Application Examined
Academic Year: 2016-2017					
1.	Claycrete Panel(CCP)	Ms.P.Sudha Dr.T.Palanisamy Dr.R.Selvaraj	201641032572	23.09.2016	Filed
2.	Claycrete Composite Materials (CCM)	Ms.P.Sudha Dr.T.Palanisamy Dr.R.Selvaraj	201641032573	23.09.2016	Filed
3.	PVA concrete composite panel	Dr.T.Palanisamy Mrs.P.Prasanthini	201641038577	11.11.2016	Filed
4.	Incinerator-Ash paving blocks(IAPB)	Dr.T.Palanisamy Dr.K.Vidhya	201641038578	11.11.2016	Filed
5.	Light weight concrete using Fly ash and Bagasse ash	Dr.T.Palanisamy Mr.M.Gunasekaran	201641038579	11.11.2016	Filed
6.	Fly ash artificial coarse aggregate	Dr.T.Palanisamy Mr.M.AjmalMohammed	201641038580	11.11.2016	Filed
Academic Year: 2020-2021					
1.	A Method of Modified cement mortar styrene-acrylic emulsion and preparation	Mr.S.Ragunath Dr.A.Alexrajesh Dr.P.Prasanthni Dr.K.Sargunan	202141007681 A	24.02.2021	Publication 05.03.2021
Academic Year: 2021-2022					
1.	A novel method of construction of circular beam-columns of manufactured reinforced concrete	Dr. A.N. Swaminathen Mr.S.Dineshkumar Mr.S.Saravanaganesh Mr.T.Vijayashankar	202241004324 A	25.01.2022	Publication 04.02.2022

2.	Sew Water Desalination Apparatus Using Solar Energy	Dr.V.Revathi Dr.S.Senthilkumar Dr.P.Sudha Dr.N.Muralimohan	358316-001	10.02.2022	Designs Patent 11.04.2022
3.	A Method for determining the fatigue-damaged state of a prestressed reinforced concrete beam	Dr.N.Muralimohan Dr.P.Sudha	202241021331	09.04.2022	Application Accepted
Academic Year: 2022-2023					
1.	Biomass Grinder cum stirrer for Bio-Methanation of food waste	Dr.N.Muralimohan S.Mohan Dr.K.Vidhya Dr.Y.Shantharam Dr.C.T.Sivakumar	372218-001	08.10.2022	Designs Patent 04.01.2023
2.	Valve for Wetland Construction Tanks with Pollutant level display	Dr.N.Muralimohan Neetha Delphin Mary K Prem Charles Immanuel	6255834	18.01.2023	Designs 27.01.2023
3.	Prefabricated concrete element superstructure with precast deck elements	Dr.A.Alexrajesh Dr.P.Prasanthni Dr.K.Sargunan Mr.S.Saravanaganesh Mr.A.Thomas Eucharist Mr.R.Babu Dr.R.Jagadeesan	202341008965 A	11.02.2023	Publication 17.02.2023
4.	Multiparameter Water Quality Testing Device	Dr.N.Muralimohan Mr.K.SanthoshKumaar Prem Charles Immanuel	6272388	30.03.2023	Designs Patent 06.04.2023