



Department of Civil Engineering

Patent Publications

S. No.	Name of Faculty	Patent Title	Status	Patent Published / Granted Date	Application Number
1	Dr. M.R. Ezhilkumar	Block chain based method for reducing vehicle pollutant emissions	Published	01/09/2023	202341036784
2	Dr. D. Maruthachalam	Plastic Crushing Machine	Published	11/07/2023	6294189
3	Dr. R. Chandra Devi	Development of artificial intelligence methods for planning of the transportation network	Published	30/06/2023	202311035349 A
4	Ms. R. Hemavathi	Prediction of post-fire self-healing of concrete by machine learning method	Published	23/06/2023	202341032483 A
5	Mr. S. C. Boobalan	Ecological Bacterial Concrete Containing Pseudomonas Fluorescens Bacteria and Calcium Nitrate	Published	21-10-2022	202241057708
6	Dr. M. R. Ezhilkumar	Capsule robo to track the leakages in water pipelines	Published	16.09.2022	202241050786
7	Dr. P.Saravanakumar	Design And Development Of Light Weight Self Compacting Concrete Mixture And Their Impact On Strength Of Buildings	Published	29.7.2022	202241041685 A
8	Dr. V. Yogeshwaran	Low-Cost potable water purifier	Published	15.04.2022	202241015663 A
9	Mr. R. Vighnesh	Plastering Tool for rounding wall corners	Published	02.04.2022	202241004825
10	Dr. S. Ramakrishnan	Resistive Imbided Mesh Sensor Based Concrete Structure Strength Monitoring System Employing lot	Published	10.12. 2021	202141052457 A
11	Mr. S. C. Boobalan	An Artificial Intelligence based Water Management System ensuring Uniform Distribution and Monitoring Water Leakage	Published	20-08-2021	202141036904 A
12	Dr. D.Maruthachalam	The Influence of Different Treatments Applied to Flax Fibbers on different Properties of Mortar Reinforced by these Fibers	Published	09-07-2021	202141028760 A
13	Dr. D.Maruthachalam	Utilization of Sensors in Concrete to Monitor the Curing Process and Compressive Strength of Concrete	Published	12-03-2021	202141008996 A
14	Dr. P.Saravanakumar	Human Action Recognition from Static Video Based on Optical Flow Analysis	Published	12-03-2021	202141009504 A
15	Dr. D.Maruthachalam	A RNN based spatio temporal data mining model for urban road planning	Granted	17-02-2021	2020104112
16	Dr. D.Maruthachalam	High Performance Concrete Mixture	Published	07-07-2017	201741022033 A