



Department of Civil Engineering

Patent Publications

S. No.	Name of Faculty	Patent Title	Status	Patent Published / Granted Date	Application Number
1	D.Maruthachalam	High Performance Concrete Mixture	Published	07-07-2017	201741022033 A
2	D.Maruthachalam	A RNN based spatio temporal data mining model for urban road planning	Granted	17-02-2021	2020104112
3	P.Saravanakumar	Human Action Recognition from Static Video Based on Optical Flow Analysis	Published	12-03-2021	202141009504 A
4	D.Maruthachalam	Utilization of Sensors in Concrete to Monitor the Curing Process and Compressive Strength of Concrete	Published	12-03-2021	202141008996 A
5	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
6	S. C. Boobalan	An Artificial Intelligence based Water Management System ensuring Uniform Distribution and Monitoring Water Leakage	Published	20-08-2021	202141036904 A
7	S. Ramakrishnan & P.Saravanakumar	Resistive Imbided Mesh Sensor Based Concrete Structure Strength Monitoring System Employing lot	Published	10.12. 2021	202141052457 A
8	R. Vighnesh, M. R. Ezhil Kumar, A. Aswin Bharath and S. Ramakrishnan	Plastering Tool for rounding wall corners	Published	02.04.2022	202241004825
9	V. Yogeshwaran & M.R. Ezhilkumar	Low-Cost potable water purifier	Published	15.04.2022	202241015663 A
10	Ezhilkumar, MR, Yogeshwaran, V, Jesudass, A, and Sadheesh, S	Capsule robo to track the leakages in water pipelines	Published	16.09.2022	202241050786
11	P.Saravanakumar & S. Ramakrishnan	Design And Development Of Light Weight Self Compacting Concrete Mixture And Their Impact On Strength Of Buildings	Published	29.7.2022	202241041685 A
12	S. C. Boobalan	Ecological Bacterial Concrete Containing Pseudomonas Fluorescens Bacteria and Calcium Nitrate	Published	21-10-2022	202241057708