

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY
Department of Civil Engineering
Details of Projects - 2018 MTech Batch

Sl. No.	Name	Topic	Guide
1	Abdul S Moidheen	Parametric Optimization of Plane Roof Trusses	Unni Kartha G
2	Akhila S	Numerical Investigation of RC beam with facet subjected to blast	Neeraja Nair
3	Anjana Soman	Ferro Geo polymer specimen in flexure	Nidhi M
4	Aparna Sasi	Study on mechanical properties of M55 grade concrete incorporated with Cenosphere	Resmi KN
5	Arun M	Mix Design Optimization using Particle Packing Methodology	Beena B R
6	Bindiya S Menon	Fracture study of glass and polypropylene hybrid fibre reinforced concrete	Reshma Prasad
7	Chippy M Rajan	Parametric assessment of Storm Surge risk reduction activities at Coastal area-Ernakulam	Jawahar Saud S
8	Chithira Krishnakumar	Effect of Discrete Reinforcements in Concrete Under Elevated Temperature	Beena B R
9	Deepthi Stephen	Investigation of Buckling Behaviour of Anchoed Steel Tanks	Asha Joseph
10	Firzeena Firoz	Structural Health Monitoring of Bridges	Unni Kartha G
11	Gopika Gopi	Experimental Investigation on effect of self curing agents in high performance concrete	Sreerath S
12	Joel John	Accoustic insulation with help cement mortar by adding natural fibre.	Jiji Antony
13	Kavya Pillai	Experimental evaluation on compatibility of mineral admixtures for a greener self-compacting concrete	Abin Thomas
14	Krishnaja V	Translucent glass concrete	Jiji Antony
15	K Vineesh	Buckling resistance of stainless steel hollow section	Unni Kartha G
16	Lidiya	Fibre reinforced self curing strengthened with CFRP	Preethi M
17	Misha T Kumar	Numerical investigation of steel cabin subjected to confined explosion	Neeraja Nair
18	Muhammed Shahid P T	Seismic performance of I beam to box coloumn connections using finite element method	Asha Joseph
19	Nithin Vinu koshy	Parameteric analysis of CFST and CFDST hybrid truss system	Nincy Jose

20	Raveena Jobbi	Effect of column shape on fire resistance of composite column with solid steel core	S P Akshara
21	Rhea Unnikrishnan	Experimental Evaluation of surface bond strength between self-compacting and conventional concrete	Abin Thomas
22	Sreelakshmi S B	Study on the mechanical properties of fly ash GGBS based geopolymer concrete	Nincy Jose
23	Sreevidya V	Topology optimization of deep beam	Nidhi M
24	Yeswanth M	Lime and Crushed Glass to enhance the performance of bacterial concrete	S P Akshara