

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY**Department of Civil Engineering Details of Projects - 2020 MTech Batch**

Sl. No.	Name	Topic	Guide
1	Agnes Davis Thuluvath	Structural performance of multi cellular corrugated steel column	Reshma Prasad
2	Ahallya Raveendran	Experimental investigation on hydrophobic concrete	Dr Jiji Antony
3	Ajana Prince	Experimental investigation on the performance of self-compacting self-curing concrete using copper slag	Preethi M
4	Akshara M V	Clogging resistant pervious pavement block using red mud	Preethi M
5	Anjaly James	Progressive collapse resistance of steel frames under column removal scenario	Dr.Asha Joseph
6	Anjana Chandran S	Development of metakaolin and flyash based geopolymer concrete at ambient temperature curing	Beena B R
7	Anju George	Experimental investigation on plastic shrinkage characteristics of SCC and the effect of fly ash and alkali resistant glass fiber on shrinkage cracking	Abin Thomas C A
8	Archana Joy Eluvathingal	Analysis and design of diagrid structural system for high rise steel buildings	Dr. Unni Kartha G
9	Aswani K	Performance evaluation on the properties of metakaolin flyash based SCC	Abin Thomas C A
10	Athul Deepak Krishna	Thermo structural optimisation study on slim floor beam with hollow core slabs	Dr. Unni Kartha G
11	Deepa P Antoo	Investigation of bolted beam column steel connections with RBS subjected to cyclic loading	Dr.Asha Joseph
12	Geethu Benny	Experimental study of self-cleaning concrete by using various photocatalysts	Gayathri Krishna Kumar
13	Gouri S Kumar	Development of bricks using plastic waste	Sreerath S
14	Jeslin C Johnson	Optimisation of multistorey building using outrigger structural system	Reshma Prasad
15	Mariya Jacob	Experimental investigation on packing density on concrete using wet packing method	Reshmi K N
16	Nikha Santhosh	Seismic performance of oblique columns in high rise buildings	Gayathri Krishna Kumar
17	Punya Lal	Modified magnetized water concrete using nanosilica	Dr Kavitha P E
18	Reya Grace Jacob	Effect of combination of mineral admixtures on the properties of self-compacting concrete	Reshmi K N
19	Sreerekha K	Assessment of governance gaps in landslide risk reduction - a case study from Kattippara, Kozhikode district	Jawahar Saud S
20	Sweetey Viswanath	Experimental investigation of geopolymer concrete with replacement of fine aggregate using bottom ash	Nincy Jose
21	Teena John K	Structural performance of GFRP deck strengthened with light weight ultra high strength concrete	Dr Kavitha P E
22	Thasni Kaseem	Study of fly ash based light weight concrete with plastic waste and coir fibre	Sreerath S
23	Vaisakh K N	Seismic evaluation of high rise buildings using hybrid configuration of grid systems	Neeraja N