



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)
CHENNAI

DEPARTMENT OF CIVIL ENGINEERING

DETAILS OF PATENT GRANTED

S.NO.	TITLE OF INVENTION	PATENT NO.	NAME OF PATENTEES
NATIONAL			
2020-2021			
1	COLD-FORMED STEEL BEAM WITH ENCASED BRACED WEB FOR EARTHQUAKE RESISTANT CONSTRUCTIONS	367121 (20-05- 2021)	1. J.Samuel. 2.P.S.Joanna
2019-2020			
1	POLYESTER RESIN MATRIX FLOORING TILES USING VARIOUS MICROFILLERS	320362 (09-12- 2019)	1.P. Ravi Kumar 2.Minu Miriam Paul
2	POLYESTER RESIN MORTAR FLOORING TILE USING VARIOUS FINE AGGREGATES AND MICROFILLERS	327017 (12-09- 2019)	1.P. Ravi Kumar 2.Minu Miriam Paul
2018-2019			
1	GAS-PHASE RECOVERY OF HYDROGEN FROM HYDROGEN SULPHIDE USING PHOTOCATALYSIS	308383 (28-02- 2019)	1.Dr.S.Kanmani 2.V.Preethi
INTERNATIONAL			
2021-2022			
1	QUASI-STATIC CYCLIC LOAD PERFORMANCE TESTING METHOD OF ENCASED CONCRETE-FILLED STEEL TUBULAR WITH STEEL LOOPS JOINT	2021100664 (Australian Patent) (07-04- 2021)	1.P.S.Joanna 2.P.S.Aravind Raj
2020-2021			
2	A COLD-FORMED STEEL I-BEAM SYSTEM WITH TWIN REBARS IN WEB AND ENCASED WITH FLY-ASH CONCRETE	2021106054 (Australian Patent) (03-11- 2021)	1.P.S.Joanna 2.J.Samuel