

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE
DEPARTMENT OF CIVIL ENGINEERING
PATENTS DETAILS

S. No.	Year / Month	Name of the Faculty	Title	Application No. & Date	Status
1	2020 July	Dr. V. Preethi	Bench-Scale Trapezoidal Sono-photocatalytic reactor for Hydrogen production using CdZnS coated iron oxide	201941027805	Filed
2	2019 Dec	Mr. P. Ravikumar	Polyester Resin Mortar Flooring Tile Using various Fine Aggregates and Microfillers	3422/CHE/2014	Granted
3	2019 Dec	Mr. P. Ravikumar	Polyester Resin Matrix Flooring Tiles Using Various Microfillers	3420/CHE/2014	Granted
4	2019 Sep	Dr.P.S.Joanna, K. Saravanan	Moment Resisting Connection for a Long Cantilever Building with Concrete core Wall	201841032695	Applied
5	2019 Sep	Dr.P.S.Joanna, Dr. Parvati T.S.	Double Skinned Beam-Columns with outer cold-formed steel and inner GFRP tubes for Seismic regions	201841032696	Applied
6	2018 Oct	Dr. P. S. Joanna & Dr. T.S. Parvati	Double skinned Beam-columns with outer cold-formed steel and inner GFRP tubes for Seismic regions.	201841032696	Filed
7	2018 Oct	Dr. P. S. Joanna	Moment Resisting connection for a Long Cantilever building with concrete core wall	201841032695	Filed
8	2018 May	Ms. Shalini R. Nair Dr. JessyRooby	Aerodynamic Database	201841015732A	Abstract published on 11.05.2018
9	2018 Jan	Dr. P.S. Joanna & Dr. T.S.Parvati	Earthquake resistant cold formed concrete filled double skin tubular beam columns strengthened with GFRP wrapping.	201641023078	Published - 12/01/2018
10	2018 Jan	Dr. P.S. Joanna	Earthquake Resistant Cold-formed Steel Beams with fly Ash Concrete Encased Trapezoidal Corrugated Web	201641023067	Published - 12/01/2018
11	2016 Aug	Dr. P. S. Joanna & Mr. J. Samuel	Cold-formed Steel Beam with Encased Braced Web for Earthquake Resistant Constructions	5745/CHE/2014	Published - 26 /08/2016
12	2017 Oct	Mr. P. Ravikumar	Development of Geo Polymer based pavement interlocking block	201741011687	Filed
13	2017 Oct	Dr. V. Preethi	CO2 sequestration in vehicular emission - a solution to global warming.	201741011685	Filed
14	2016	Dr. JessyRooby	Rub Fibre Reinforced Concrete	2251/CHE/2016	Published
15	2016 Feb	Mr. P. Ravikumar	Steel Fiber Reinforced Polyester Resin Concrete	3252/CHE/2014	Published - 12/02/2016
16	2016 Feb	Mr. P. Ravikumar	Epoxy Resin Matrix and Mortar Formulation using various Micro Fillers and Fine Aggregates	3421/CHE/2014	Hearing-Completed Published 26/02/2016
17	2016 Feb	Mr. P. Ravikumar	Polyester Resin Mortar Formulation using various Fine aggregates and Micro fillers	3425/CHE/2014	Published - 26/02/2016
18	2015 March	Dr. V. Preethi	Novel Vermiculate material packed Gas-Phase photocatalytic reactor	870/CHE/2015	Published-06/03/2015