

**NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI - 620 015**  
**DEPARTMENT OF CIVIL ENGINEERING**

**STUDENT PROJECTS**

Programme	:	M.Tech
Specialization	:	Structural Engineering
Year	:	2015-17

Sl. No	Reg. No	Name of Candidate	Thesis Title	Guide
1	203214006	Hitesh Agarwal	Seismic Performance of Buildings Reinforced with Shape Memory Alloy	Dr. P. A. Krishnan
2	203214030	Sadiqali, P	Moment Gradient Factor of Mono-symmetric Stepped I-beams	Dr. P. A. Krishnan
3	203215002	T. Gokulan	Behavior of Elliptical Hollow Section Members under Fire Loading	Dr. P. Jayabalan
4	203215003	Vipin, V.P.	Behavior of shells with corrugations	Dr. P. A. Krishnan
5	203215004	Teena Maria, S	Behavior of cold formed steel Channel Sections Subjected to Compression	Dr. P. Jayabalan
6	203215005	Ankush A Nakhate	Effect of headed reinforcement bar on anchorage and bond strength in High Strength, fly ash aggregate and wooden ash aggregate concrete	Dr. J. Karthikeyan
7	203215006	Narsiram Gurjar	Energy Dissipation Characteristics of SCS Composite Panel	Dr. K. Baskar
8	203215007	Abhijith, R	Ultimate Bearing Capacity of Asymmetrically Double Tapered Steel Columns with Tubular Cross-section	Dr. P. Jayabalan
9	203215008	Anjana, N	Ultimate Strength of stiffened steel plates under uni-axial and out of plane loads with cutouts at elevated temperature	Dr. P. Jayabalan
10	203215009	Meena priya, G	Influence of Minor Axis Flexural Stiffness on Major Axis Bending of Column	Dr. K. Baskar

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11	203215014	Ravi kiran, R	Finite Element Analysis of Concrete Filled Tubular flanged Girder with Corrugated web	Dr. P. A. Krishnan
12	203215015	Aditi Pingle	Non-linear Behavior of Steel Frame with Aluminium Shear Link	Dr. K. Baskar
13	203215016	Ajit Madhav Gayke	Experimental Investigation of Flexural Behavior of Jute Fibre Reinforced Concrete Beams	Dr. C. Natarajan
14	203215019	Kamlesh Kumawat	Flexural Behavior of Geopolymer Concrete as partial replacement of coarse aggregate with Ceramic waste	Dr. C. Natarajan
15	203215020	Sundararooban, S.R.	Experimental Investigation and Strengthening of the Weaker Plane in a Profiled Composite Deck Slab	Dr. P. A. Krishnan
16	203215021	B. Raja sekhar Reddy	Flexural Behavior of Hybrid Fibre Reinforced Geopolymer Concrete Beams	Dr. J. Karthikeyan
17	203215022	Y. Arun kumar Reddy	Experimental investigation on High strength concrete using Alccofine and Basalt fibre	Dr. J. Karthikeyan
18	203215023	Mali Rahul Sriram	Behavior of Semi-Rigid Road Safety Barrier under IRC Loading	Dr. K. Baskar
19	203215025	Hima, M	Parametric Study on Flat Oval Hollow Columns	Prof. R. Jayasankar
20	203215027	B. Brahmaiah	Strength and Flexural Behavior of Self curing concrete with partial replacement of coarse aggregate with fly ash	Dr. C. Natarajan
21	203215028	G. Sujatha	Buckling Capacity of Axially Loaded Cold-formed Steel Built-up Column	Prof. R. Jayasankar
22	203215029	Anandu, U	Analysis and Optimization of a New Type Link in Eccentric Braced Frames	Prof. R. Jayasankar