

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

**STUDENT PROJECTS**

Programme	:	M.Tech
Specialization	:	Structural Engineering
Year	:	2014-16

Sl. No	Reg. No	Name of Candidate	Thesis Title	Guide
1	203214001	Akhil G	Durability Performance of Copper Slag Admixed Concrete	Dr. J. Karthikeyan
2	203214002	Munukutla Sai Krishna	Cyclic Loading Effect on CFRP Strengthened RC Beams	Dr. K. Baskar
3	203214003	A. Satish Kumar	Analysis of Functionally Graded Open Cylindrical Shell Structure under Thermal Loading	Dr. P. A. Krishnan
4	203214007	Afsal C	Effect of Vermiculite in Concrete and Mortar on Compressive Strength and Thermal Conductivity	Dr. J. Karthikeyan
5	203214008	Rahul	Sustainability Characteristics of High-Performance Concrete with Rice Husk Ash and GBF Slag	Dr. J. Karthikeyan
6	203214009	Raturaj Kundan Sawant	Non-Linear Behavior of Girders with Horizontal Web Splice	Dr. K. Baskar
7	203214010	Shobana R	Shear Strengthening of Castellated beams using CFRP	Dr. K. Baskar
8	203214012	Sadananda H I	Behavior of Girders with Sinusoidal Corrugated Web	Dr. K. Baskar
9	203214013	Komaragiri Jaya Prabhakar	Behavior of Hat Shaped Cold Formed Steel Beams	Dr. P. Jayabalan
10	203214014	K.V.Viswa Kireeti	Effect of Curing on Compressive and Bond Strength of Lightweight Aggregate Geopolymer Concrete	Dr. J. Karthikeyan
11	203214015	Aniket Wakure	Numerical Evaluation of Ferro cement Panels using ABAQUS	Dr. P. A. Krishnan
12	203214016	K.C.Baba Fakruddin	Flexural Behavior of Hair Fiber Concrete Beams	Dr. C. Natarajan
13	203214017	K. Ramachandrudu	Flexural Behavior of Papercrete Concrete Beams	Dr. C. Natarajan

<b>Sl. No</b>	<b>Reg. No</b>	<b>Name of Candidate</b>	<b>Thesis Title</b>	<b>Guide</b>
14	203214019	Manickavasagam V	Comparative Study of Longitudinal and Lateral Stiffeners in Square Box Columns.	Dr. P. Jayabalan
15	203214020	K. Sadhana	Analysis of Eccentrically Loaded Thin-walled Lipped Channel Sections	Dr. P. Jayabalan
16	203214021	E. Aarthy	Flexural Strengthening of Castellated beams with FRP Laminates	Dr. K. Baskar
17	203214022	Bibhor Ghimirey	Moment Gradient Factor for Lateral Torsional Buckling of Web Tapered I-Beams	Dr. P. Jayabalan
18	203214023	N. Ganesh	Experimental Investigation of the Flexural Behavior of Glass Fiber Reinforced Concrete Beams	Dr. C. Natarajan
19	203214024	Rashid PK	Buckling Analysis of Circulate Plate with Shape Memory Alloy Subjected to Both Temperature and Mechanical Load using ABAQUS	Dr. P. A. Krishnan
20	203214026	Praveen Jayaram	Experimental Study on Durability Properties of Concrete Containing Glass Powder and Sea Shells	Prof. R. Jayasankar
21	203214027	Venkata Subbaiah	Seismic Performance of RC Frames Retrofitted with CFRP at Joints	Dr. P. A. Krishnan
22	203214028	Virupaksha KS	The Study on Sustainability Properties of Concrete with Cement Partially Replaced by Corn Cob Ash	Prof. R. Jayasankar
23	203214029	Thejasvi M	Comparative Studies on Portland Cement and Geopolymer Concrete Paver Block	Dr. C. Natarajan
24	203214031	Akbarali Vadakkepurath	Effect of Polypropylene Fiber on Durability Properties of Concrete Composite Containing Fly ash and Silica Fumes	Prof. R. Jayasankar
25	203214032	Deepa M V	Moment Gradient Factor for Mono-symmetric I-Beam	Dr. P. Jayabalan