

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

STUDENT PROJECTS

Programme	:	M.Tech
Specialization	:	Structural Engineering
Year	:	2016-18

Sl. No	Reg. No	Name of Candidate	Thesis Title	Guide
1	203215010	Maneesh M	Reliability Analysis of RC Beams exposed to Elevated Temperature	Prof. R. Jayasankar
2	203216001	Sunil, T.S.	Buckling Behaviour of Hollow Flange Channel Beam Sections	Dr. P. Jayabalan
3	203216002	Aparna Sathyapalan	Behaviour of Horizontally Spliced Girders	Dr. K. Baskar
4	203216003	Vidya Ravi	Effect of Replacing Steel with Shape Memory Alloy in Lateral Load Resisting Systems	Dr. P. A. Krishnan
5	203216004	M. Nagaraju	Study of Buckling Restrained Brace Frame for Response Reduction Factor	Dr. K. Baskar
6	203216005	Yogesh Sevak	Strength Properties of Concrete Using Polyethylene Plastic Waste as Fibers	Dr. J. Karthikeyan
7	203216006	Sanyam Jhanjhari	Experimental Study of Infilled Steel Tubes Using Semi-Light Weight Concrete	Dr. J. Karthikeyan
8	203216007	Bobade Gaurav Prakashrao	Behaviour of Concrete Using Modified Jute Fibers	Dr. J. Karthikeyan
9	203216008	Nandipati S. M. Ravi Kumar	Structural Health Monitoring by Detection of Internal Flaws in Concrete by Ultrasonic Pulse Velocity	Dr. C. Natarajan
10	203216009	Survesh Chetival	Strength and Durability Studies of Concrete Prepared using Recycled Aggregate	Dr. J. Karthikeyan

Sl. No	Reg. No	Name of Candidate	Thesis Title	Guide
11	203216010	Rahul Jakhad	Replacement of Coarse Aggregate with Weld Slag Aggregate in Concrete	Dr. J. Karthikeyan
12	203216013	Vishnu J	Behaviour of Tubular Corrugated Shells under Eccentric Loading	Dr. P. A. Krishnan
13	203216014	Anandu Aravind	Behaviour of Reinforced Concrete Frame Infilled with Ferrocement Wall Panel	Dr. K. Baskar
14	203216015	Mohamed Azharudheen. N	Strengthening of Reinforced Concrete Column with External Steel Plates	Dr. K. Baskar
15	203216016	Wagh Shrikant Rajendra	Energy Dissipation Mechanism of Retrofitted RC Frames	Dr. K. Baskar
16	203216017	Ankit Swarnkar	Properties of Concrete Using Spent Bleached Earth, De-Oiled Earth and Rice Husk Ash	Dr. J. Karthikeyan
17	203216018	Vignesh Prabu V	Experimental Investigation on Concrete by Partial Replacement of Fine Aggregate with Marble Powder	Dr. C. Natarajan
18	203216022	Chundru Lalith	Mechanical Characteristics and Strength Behavior of Steel Fibre Reinforced Self Compacting Concrete	Prof.R. Jayasankar
19	203216025	Dolly R. Madan	Analysis of Steel Frame Building Under Blast Loading	Dr. C. Natarajan
20	203216026	Jyothis Paul E	Influence of CFRP Wrapping in the Dynamic Behaviour of Castellated Beams	Dr. K. Baskar
21	203216027	Sreeraj S	Behaviour of Carbon Epoxy Laminated Composites Under Impact Loading	Dr. P. A. Krishnan
22	203216028	Supriya Bansal	Evaluation of Minimum Shear Reinforcement for High Strength Concrete Beams	Dr. P. A. Krishnan
23	203216029	P Sathibabu	Shrinkage Behaviour of Cement Mortar Containing Wood Ash Pellets	Dr. J. Karthikeyan