

Academic Year - (2016 – 17)

S.No.	Name of the student	Title of The Project	Name of the Supervisor
1.	Aananda Varshnee Th	Evaluation of new generations of geopolymer concrete	Dr. N. Mahendran Principal Dr. R. Selvaraj Principal Scientist, CECRI
2.	Abuthahir S	Influence of silica fume, marble and granite powder on high strength concrete	Mr. S. Sivakumar Assistant Professor
3.	Anbarasi T	Investigation on the effect of glass powder and E-waste as a partial replacement for cement and coarse aggregate in concrete	Dr. GVT Gopala Krishna Professor and Head
4.	Arulraj C	Experimental investigation on flexural behaviour of steel and nylon fibre reinforced concrete beam	Mr. K. Baskar Assistant Professor
5.	Arun Kumar C	Analytical investigation of reinforced brick masonry panel	Dr. S. Vimala Professor
6.	Deepak Kumar R	Seismic performance of RC wall with truss type detailing	Mr. K. Rajesh Kumar Assistant Professor
7.	Evangelin Pakya Flora D	Evaluation of silicate-based corrosion resistant concrete	Dr. S. Vimala Professor Dr. R. Selvaraj Principal Scientist, CECRI

8.	Harish V	Free vibration analysis of shell	Dr. S. Vimala Professor
9.	Kabaleeswaran P	Behaviour of under reinforced concrete beam with welded shear reinforcement	Mr. P. Muthanand Assistant Professor
10.	Karuppiah Prabakaran K	Analytical studies on shear behaviour of glass fiber reinforced concrete beam strengthened with externally bonded GFRP laminates	Mr. M. Vinodkumar Assistant Professor
11.	Kiruba A	Green concrete production with fly ash, ceramic waste and laterite	Dr. M. Sivakumar Associate Professor
12.	Madhava Anand S	Experimental studies on properties of papercrete boards	Mr. P.M. DhureenKarthik Assistant Professor
13.	Mahalakshmi R	Arithmetic modeling for evaluating the performance of concrete strength with the aid of optimization techniques	Mr. S. Sivakumar Assistant Professor
14.	Marshal S	Recovering structural performance of steel corroded RC beam using CFRP composites	Dr. J. Selwyn babu Assistant Professor
15.	Nivetha Selvarani A	Experimental study of geosynthetics reinforced precast concrete cover slabs	Dr. N. Mahendran Principal
16.	Poongothai M	Experimental investigation on durability of slurry infiltrated fiber concrete	Dr. N. Mahendran Principal
17.	Pradeepa M	Modeling bond strength degradation of reinforcement due to corrosion	Mr. R. Vandhiyan Assistant Professor

18.	Prateepkumar M	Shear behaviour of GFRP strengthened recycled aggregate concrete beams with spiral transverse reinforcement	Mr. M. Vinodkumar Assistant Professor
19.	Ramkumar S	Analysis of an isolated footing taking into account soil-structure interaction	Mr. K. Baskar Assistant Professor
20.	Ram Singh Yadav A	Flexural behaviour of lightweight aggregate concrete beam with steel fibers	Mr. B. RanjithBabu Assistant Professor
21.	Revathi Priya M	Analytical prediction of cyclic performance of RC frames with spiral shear reinforcement	Dr. C. Jayaguru Associate Professor
22.	Sandhiya R	Studies on strength and durability of concrete using E-waste	Dr. GVT Gopalakrishna Professor and Head
23.	Sasi Kumar A	Analytical investigation on composite slab subjected to impact load by using ANSYS	Mr. R. Vandhiyan Assistant Professor
24.	Sethupathi S P	A study on mechanical properties of concrete with multi-component composite cement	Dr. M. Sivakumar Associate Professor
25.	Sharmila M	Service life design of existing concrete structure	Dr. N. Mahendran Principal Dr. K. Balaji Rao Chief Scientist, SERC
26.	Theeran K S	Structural health monitoring of RC frame using smart sensors	Dr. C. Jayaguru Associate Professor

27.	Thivakar M	Experimental studies on novel fast setting and high early strength cement mortar	Dr. J. Selwyn babu Assistant Professor
28.	Vasudevan N	Experimental studies on composite precast roof panels under static flexure	Mr. B. RanjithBabu Assistant Professor
29.	Vigneshpandian N	Comparative study on seismic behaviour of 220KV GIS precast RC and cast in-situ buildings	Dr. C. Jayaguru Associate Professor Mr. T. Arumugam 4A Design (P) Ltd., Chennai.
30.	Vinubarshith B	Replacement of conventional rebar with non-conventional prefabricated cage system in RC column	Mr. N. Gurumoorthy Assistant Professor
31.	Viswaesh K	Analysis of quasi brittle fracture and critical CTOD for UFS concrete	Mr. N. Gurumoorthy Assistant Professor
32.	Yoganand R	Rehabilitation of exterior beam column joint using fiber matsandgeopolymer concrete	Mr. K. Rajesh kumar Assistant Professor
33.	Vignesh Kumar T	Mechanical properties of coconut shell mixed concrete containing steel and polypropylene fibers	Dr. J. Selwyn babu Assistant Professor
34.	Kathiravan M (Part-Time)	Effect of bonding chemicals on bond strength between old and new concrete	Mr. R. Vandhiyan Assistant Professor

Academic Year - (2017 – 18)

S.No.	Name of the Student	Title of The Project	Name of the Supervisor
1.	Arunkaliraj P	Study on Ferro cement slab Panel with Mineral Admixtures	Mr. K. Rajesh kumar Assistant Professor
2.	Chris Harris	Analytical Investigation of Steel Castellated Beams	Mr.T.Suresh Assistant Professor
3.	Elakkiya C	Flexural Behaviour of self-compacted perforated concrete beam	Mr. S. Sivakumar Assistant Professor
4.	Gomathi V	Experimental Assessment of Green Concrete for Structural use	Dr. M. Sivakumar Associate Professor
5.	Gowtham K	Mechanical properties and durability studies on sintered Fly ash aggregate concrete with steel fibres	Mr. B. RanjithBabu Assistant Professor
6.	Habeeb Rahman K	Experimental Investigation of prefabricated cage reinforced steel concrete composite beams	Mr. N. Gurumoorthy Assistant Professor
7.	Hariprasanth P M	Continuous wavelet Analysis for damage detection of RC frames	Dr. C. Jayaguru Associate Professor
8.	Iniyanvairam A	Analytical Investigation of Shear wall With Different Configuration of Steel Concrete Composite Sections	Mr. N. Gurumoorthy Assistant Professor

9.	Kayathri B	Experimental Investigation of Hollow core Slab using different fibre	Mr.R.Yuvaneshkumar, Assistant Professor
10.	Krishna Babu G	Arithmetical Modeling for Evaluating the performance of Concrete Strength using Plastic Aggregate and Silica fume	Dr. S.Sivakumar Associate Professor
11.	Lalithasoundarya C	Strengthening of cracked beams by Ferro cement Jacketing	Dr. GVT Gopala Krishna Professor
12.	Lavanya A	Analytical Investigation on Hybrid fibre reinforced concrete beam retrofitted with FRP	Mr. M. Vinodkumar Assistant Professor
13.	Manikandan V	Behavioural Study on Geopolymer Composite column	Mr. R. Vandhiyan Assistant Professor
14.	Muthulakshmi M	Experimental studies on fibre integrated LWC frames under lateral forces	Mr. M. Vinodkumar Assistant Professor
15.	Nanda Kumar K	Structural Behaviour of Papercrete elements	Mr. PM DhureenKarthik Assistant Professor
16.	Nivedha J	Experimental investigation on hybrid fibre reinforced concrete	Ms.S.Deepa, Assistant Professor

17.	Pandieswari M	Study and characterization of growth crystals in pores and voids of concrete	Dr. GVT Gopalakrishna Professor and Head Dr.R.Selvaraj Principal Scientist, CECRI
18.	Pradeep Kumar C	Structural Behaviour of Deep beam using Geogrid with Self Compacting concrete	Dr. N. Mahendran Principal
19.	Praveen P	Experimental Investigation on Shear wall with size effect	Mr. K. Rajesh kumar Assistant Prof. CE
20.	Rajapandian R	Flexural behavior of Polypropylene and steel fibre with partial replacement of fine aggregates	Mr. K. Baskar Assistant Prof. CE
21.	Rubakrishnaveni T	Experimental Studies on Fibrous Concrete using Glass Powder	Dr. GVT GopalaKrishna Professor &Head
22.	Sanmugan R	Experimental study on precast concrete building components with Geo Synthetic internal Reinforcements	Dr. N. Mahendran Principal
23.	Srija V	Nonlinear Buckling Analysis of Plates	Dr. S. Vimala Professor
24.	Sudharsanapriyavel S	Performance Analysis of Demolition Concrete Waste for Structural Concrete using Indian and American Code	Mr.K.Srinivasn Assistant Professor

25.	Swathi G A	Development of Super hydrophobic coatings on concrete surfaces	Dr. S. Vimala Professor Dr.R.Selvaraj Principal Scientist, CECRI
26.	Tharanya G	Analytical investigation of dynamic behavior composite beam	Dr. S. Vimala Professor
27.	Vijayalakshmi A	Optimization of Circular Segmental shell Configuration for impact Resistance	Mr. R. Vandhiyan Assistant Professor
28.	Yaminiaruna B	Time dependent Reliability behavior of Reinforced Concrete Structures under harsh tropical marine environment	Dr. C. Jayaguru Associate Professor
29.	Yazhini J	Formulation and Performance of Metakaolin Geopolymer concrete	Dr. M. Sivakumar Associate Professor

Academic Year - (2018 – 19)

S.No	Name of the student	Title of The Project	Name of the Supervisor
1.	AgasthinapriyadharshiniG	Strength and Durability studies on sustainable Hydrophobic concrete	Mr.J.Daniel Ronald Joseph Scientist –CSIR-CECRI Dr. K.Srinivasan Assistant Professor
2.	Aswinkumar K	Strength and Durability of High-Performance Concrete using Nano Silica, Glass Powder, Polypropylene, Used Foundry Sand with well Graded Aggregate	Ms.S.Deepa, Assistant Professor
3.	Direka M	Rheology and Durability Study of Cement Mortar by using VMA	Mr.R.Yuvaneshkumar, Assistant Professor
4.	Gowsika C	Strength and Durability studies on Heat Resistant concrete	Mr.J.Daniel Ronald Joseph Scientist –CSIR-CECRI Mr.S.Sivakumar Assistant Professor
5.	Haritha R	Wind loads on Solar Panels- Optimization of Solar supporting Structures.	Shri.G.RameshBabu Principal scientist SERC Dr. GVT GopalaKrishna Professor and Head

6.	Jeyakharunya S K	Experimental Investigation of M-Sand and Plastic aggregate on Structural behavior of Concrete	Dr. S.Sivakumar Associate Professor
7.	Kalaivaani.R	Comparison between Reinforced Cement Concrete and Fibre Reinforced Beam using Finite Element Method	Mr. K. Baskar Assistant Professor
8.	KohilaDevi.M	Strength and Durability Characteristics on SCC using Sugarcane Bagasse ash Aggregate	Dr. GVT GopalaKrishnan Professor and Head
9.	Lakshmi Narayanan T	Buckling behaviour of 60 Degree and Schifflerized Angle Section	Dr. R. Balagopal Senior scientist, SERC. Dr. S. Vimala Professor
10.	MadonaKaviarasi P	Experimental behaviour of Seawater Concrete with Copper Slag Concrete	Dr. M. Sivakumar Professor
11.	Meenaloshini C	Seismic Reliability of Corroded RC Structures	Dr. C. Jayaguru Professor
12.	Mohamed Abdul Kader A	Study on strength and Durability Characteristics of Concrete containing used Foundry Sand and Bottom Ash	Dr. N. Gurumoorthy Assistant Professor
13.	Prasanna S	Influence Of HPCRCC on the Static/Cyclic behaviour of RC Connections	Dr. R. Siva Chidambaram Scientist CSIR-CBRI Mr. R. Vandhiyan Assistant Professor

14.	Sangeetha K	Analytical and Experimental Investigation of Laterally Restrained built up Steel Beam under Dynamic response	Dr. S. Vimala Professor
15.	Satheeshkumar J B	Experimental Study on the Corrosion behaviour of RC element with Grid Confinement.	Dr. R. Siva Chidambaram Scientist CSIR-CBRI Mr. T. Suresh Assistant Professor
16.	Shabhanasarmy R	Strength and Durability study on Coal Ash-GGBS based Geopolymer Concrete	Dr. M. Sivakumar Professor
17.	Suresh S	Development of an effective Structural Health Monitoring system using Smart aggregates	Dr. C. Jayaguru Professor
18.	Suriya Kala M	Experimental Study on RC Frame In filled with Papercrete Panels	Mr. P.M DhureenKarthik Assistant Professor
19.	Tharani K	Analytical investigation of Geo-grid Reinforced Concrete Slab using ABAQUS	Dr. N. Mahendran Principal
20.	Vijay Sankar K	An Experimental Investigation on Self Curing Concrete replacement of Cement by Silica Fume and Metakaolinon Concrete Strength with M-Sand as Fine Aggregate	Ms.N. Sreevidhya Assistant Professor
21.	Vishvabharathi P	Making Durable Concrete using Waste Glass Powder as Pozzolanic Partial Replacement and Foundry Sand as Fine Aggregate Partial Replacement with Nano Silica addition	Mr. R. Vandhiyan Assistant Professor

22.	Yuvashree S	Impact Resistance of Concrete Containing Sintered Fly Ash aggregate and Steel Fibers	Mr. B. RanjithBabu Assistant Professor
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Academic Year - (2019 – 20)			
S.No	Name of the student	Title of The Project	Name of the Supervisor
1.	Aathirai T	Experimental investigation on concrete admixed with cenosphere and vermiculite	Ms. S. Deepa Assistant Professor
2.	Aparna KS	Study on punching resistance of four end fixed RC slabs	Mr. M. Naveen Prasad Assistant Professor
3.	Benazir Fathima S	Experimental Investigation on concrete admixed with GGBS and marble dust	Dr. S. Sivakumar Associate Professor
4.	Casmir A	Experimental Investigation on conventional rapid panel	Mr. PM. Dhureen Karthik Assistant Professor
5.	Daniel Roche D	Comparative study on slab and grid slab using ETABS in earthquake zoning of India	Dr.K.Ramesh Professor
6.	Elamaran R	Drift analysis of sky scraper using SAP2000	Dr. K.Srinivasan Assistant Professor
7.	Geethanjali K	Effect of steel fibers on the performance of concrete made with recycled concrete aggregates and dune sand	Dr. M.Sivakumar Professor
8.	Gokul P	Investigation on combined Beam-Slab Interactive Resisting Mechanism for	Dr. R. Vandhiyan

		Progressive collapse.	Assistant Professor
9.	GowsalyaVinothini S	Characteristic study on polymer reinforced concrete with waste materials	Mr. T. Suresh Assistant Professor
10.	Hari Krishnan P	Experimental evaluation on concrete by replacing cement with sugarcane bagasse ash and sand with M-sand	Mr. S. Sivakumar Assistant Professor
11.	Janani LR	Seismic vulnerability of reinforced concrete structures due to climate change impacts	Dr. C. Jayaguru Professor
12.	Joseph Vianny X	Analytical investigation on long span asymmetric cable stayed bridge.	Dr.K.Ramesh Professor
13.	Karunya Karthika	Effect of steel fiber addition and aspect ratio on bond strength of sintered fly ash light weight aggregate concrete	Mr. B. Ranjith Babu Assistant Professor
14.	Kiraanith B	Experimental study of self-cured Geo-polymer concrete	Mr.M.ShunmugaSundaram Assistant Professor
15.	Mani Bharathi S	Experimental investigation on mechanical and durability prosperity of concrete with sea water	Dr. M.Sivakumar Professor
16.	Manju Priyadarshini R	Behaviour of high-performance concrete with multi compound composite cement	Dr. M.Sivakumar Professor
17.	Mary Dayana P	Investigation on effect of different bracing systems in frame under seismic loading	Dr. N. Gurumoorthy Assistant Professor
18.	Meena M	Experimental investigation on self-compacting concrete with sugarcane bagasse ash as partial replacement of fine aggregate	Dr. GVT GopalaKrishnan Professor

19.	Mohana Pavithra C	Structural behaviour of corroded RC column retrofitted with textile reinforced concrete under cyclic loading	Mr. C. Rajendra Prasath Assistant Professor
20.	Naveena E	Comparative study on glass fiber reinforced concrete beam with foundry sand	Ms. S. Deepa Assistant Professor
21.	Niranjan K	Experimental and numerical modeling of RC slabs under concentric loading	Mr. B. Ranjith Babu Assistant Professor
22.	Prakash M	Seismic behavior of RC elements with GFRP bars as transverse reinforcement	Dr. C. Jayaguru Professor
23.	Ragavi Nalina P	Experimental investigation on concrete with zeolite and used foundry sand	Dr.K.Ramesh Professor
24.	Rakshana P	Flexural strengthening of structural elements using textile reinforced concrete	Dr. N. Mahendran Professor and Head
25.	Ruba Carolin C	Experimental investigation of precast concrete slab with FRP and geogrid reinforcement	Dr. N. Mahendran Professor and Head
26.	Sarathi V NA	Corrosion behavior of RC elements and its strengthening measures	Dr. C. Jayaguru Professor
27.	Sharmila Shaloom R	Experimental investigation on light weight concrete using LECA and steel fiber	Ms.N. Sree vidhya Assistant Professor
28.	Sheik Abdulkadher S	Analytical investigation on RC shear wall under cyclic loading	Mr. T. J. Vijay Assistant Professor
29.	Suraj Harish V	Performance analysis on braced reinforced concrete building in sloped	Mr. P. Muthanand

		terrain	Assistant Professor
30.	Suthanthiga M	Development of shear strength model of steel fiber reinforced concrete elements	Dr.K.Ramesh Professor
31.	Vignesh V	Structural behaviour of deep beam using hybrid fiber reinforced concrete with M-sand	Mr. R. Yuvaneshkumar Assistant Professor
32.	Vinothini O	Experimental and analytical investigation on behaviour of concrete beam containing used foundry and bottom ash	Dr. N. Gurumoorthy Assistant Professor
33.	Yazhini Krishna P	Study on shear strength of fiber reinforced concrete beam.	Dr.K.Ramesh Professor

Academic Year - (2020 – 21)

S.No	Name of the Student	Title of The Project	Name of the Supervisor
1	Abdul Shameer A	Punching Shear Study on Composite RC Flat Slab using Finite Element Method	Mr.T.J.Vijay Assistant Professor
2	Devi Kamatchi K	Micro And Mechanical Characteristics of Concrete Incorporating with Calcined Kaolin and used Foundry Sand	Dr. N. Gurumoorthy Associate Professor
3	DuraiSeeniVasan N	Impact of Carbonation in RC Structures	Dr. C. Jayaguru Professor
4	FeminaNilofarBanu S	Performance Study on Partial Replacement of Cement with Multiple Mineral Admixtures in Concrete	Dr.K.Ramesh Professor

5	Gokul R	Experimental Investigation on Concrete in addition with Basalt Fibre	Dr.K.Ramesh Professor
6	Gowtham C M	Analytical Investigation on Reinforced Concrete Beam with Steel Fibers	Dr. K. Srinivasan Associate Professor
7	Hariharan R	Retrofitting of Reinforced Concrete Column by External Jacketing	Dr. R. Vandhiyan Assistant Professor
8	JeyasudhaNachiyar M	Mechanical and Thermal Properties of Hempcrete	Dr. M.Sivakumar Professor
9	Karthikeyan M	Analytical and Experimental Investigation of RCC Transmission pole using Geosynthetic Reinforcement	Dr. N. Mahendran Head PG and Dean
10	Karthikeyan R	Shear Crack Controlling on RC Beam by Providing Alternative Reinforcement Provision Technique	Dr. N. Gurumoorthy Associate Professor
11	Karthik Kumar K	Seismic Fragility Curves of RC Elements Considering Corrosion Effects	Dr. C. Jayaguru Professor
12	Rivetha S	Performance Assessment of Hollow RC Column with Diagonal Bracing	Dr. R. Vandhiyan Assistant Professor
13	Sasikala S	Influence of Sugarcane Bagasse Ash on Durability Characteristics of Self Compacting Concrete	Dr. GVT Gopala Krishna Professor and Head
14	VinothKannan G	An Experimental Behaviour of Ternary Blended Concrete	Dr. M.Sivakumar Professor
15	Vishnu Priyan P	Seismic Analysis of RC Building (G+9) by Response Spectrum Method	Dr. S.Sivakumar

			Associate Professor
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