

Funded Projects (Department of Civil Engineering)

SN	Project Title	Faculty Name	Academic Year	Total Amount Sanctioned	Funding Agency	Project Status
1	Retrofitting of RC Beams having discontinuity in tension reinforcement with shear deficiency using glass fibre reinforced polymer(GFRP)	Dr Guruprasad	2016-2017	6000	KSCST	Completed
2	Retrofitting of damaged reinforced concrete compression members (short columns) adopting RC jacketing technique	Dr Guruprasad	2017-2018	7000	KSCST	Completed
3	Sewage turbines: hydropower opportunities from treated sewage water	Mrs Archana K	2017-2018	7000	KSCST	Completed

4	Feasible use of recycled concrete aggregate in rigid pavement construction	Mr. Vinod BR	2017-2018	6123	Koushik consultants, Chamarajapuram	Completed
5	Performance of Autoclaved Aerated Concrete Blocks under varying temperatures	Dr. Jagadish Vengala and Mrs Archana K	2017-2018	20000	Ultratech Cements Ltd	Completed
6	Use of GGBS in manufacturing of concrete blocks	Dr. Jagadish Vengala and Mr Manish S Dharek	2017-2018	19800	JSW Cements Ltd	Completed
7	Sewage Turbines : Effect of Quality of Treated Sewage Water on Hydropower Generation	Ms Archana	2018-2019	12000	KSCST	Completed

8	3D Concrete Printing	Dr. Sridhar	2018-2019	6000	KSCST	Completed
9	Development of 3 Axis 3d Concrete Printer With Rheological Modifications Towards Affordable Housing Solutions	Manishh S Dharek	2019-2020	5000	KSCST	Completed
10	Suitability of Additives For Soil Liner To Control Migration of Constituents In Leachate-A Case Solid Waste Disposal Site, Bengaluru"	Mr. Vinod BR	2019-2020	5000	KSCST	Completed
11	Development of eco-friendly masonry bricks using mycelium fungi	Mrs Archana K	2019-2020	6000	KSCST	Completed

12	Design and fabrication of a novel 'prototype' for the reduction of suspended particulate matter, for improving indoor air quality	& Dr. Rajesh Gopinath Dr. Anupama H.S.	2019-2020	5500	KSCST	Completed
13	Design and fabrication of a novel 'prototype' for the reduction of suspended particulate matter, for improving indoor air quality	& Dr. Rajesh Gopinath Dr. Anupama H.S.	2019-2020	5000	SCINDIA Construction	Completed
14	Hydrophobic composite roof tiles from waste to enhance rainwater harvesting	Mrs. Archana K	2019-2020	6000	KSCST	Completed
15	Soil moisture retention enhancement using fenugreek - a sustainable organic solution over inorganic chemicals used in agricultural practices	& Dr. Rajesh Gopinath Dr. Anupama H.S.	2020-2021	5000	Karnataka Raitha Sangha	Completed

16	Soil moisture retention enhancement using fenugreek - a sustainable organic solution over inorganic chemicals used in agricultural practices	& Dr. Rajesh Gopinath Dr. Anupama H.S.	2020-2021	5000	VTU	Completed
17	Appropriate eco-friendly additives for soil liner to restrain migration of harmful constituents in leachate-a case solid waste disposal site at Yelahanka, Bengaluru	Mrs. Shobha R & Mr. Vinod B R	2020-2021	5500	KSCST	Completed
18	Design of self-compacting self-curing sustainable concrete	Dr Deepak MS	2021-2022	10000	SCINDIA Constructions	Completed
19	Manufacturing of Light Weight Kerbstone By Utilizing The Waste Milk Cover	Mrs. Shobha R	2021-2022	15000	Social Welfare Department, Karnataka	Completed

20	Advancement and Applications of High-Strength High-Performance Concrete Utilising Electrical Arc Furnace Steel Slag Residue and Copper Slag Aggregates	Dr. Deepak M S	2022-23	18,30,000/-	SERB	In Progress
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