



Products Developed in the Department

Civil Engineering department faculty members have developed various products to encourage the project work and to serve the societal needs.

Product Name	Faculty name	Sector	Developed year
Web application for IGBC	Rohith Jain	Construction	2020
Reaction retaining wall	Rohith Jain	Lateral load testing	2021
Integrated solid waste management using IOT	Manu S Gowda	Waste management	2023
Low cost filtration system for rural areas	Dr B C Nagendraprasad	Water treatment	2023
Acoustic tiles	Rohith Jain	Construction	2024

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Research and Development Project

Following are the research work applied to Vision Group on Science and Technology (VGST) and Department of Science and Technology (DST) for funding to establish the Centre of Innovation Science and Engineering Education (CISEE) in the department.

Applicants	Title of research	Funding group	Applied year	Status
Dr B C Nagendraprasad	Photo catalytic degradation of organic contaminants using zinc oxide and doped zinc oxide nano particles using advanced oxidation process	Vision Group on Science and Technology (VGST)	2022	Not sanctioned
Prof .Manu S Gowda				
Dr M C Manjunath	Land use /land cover classification system analysis in precambrian terrain of Mysuru district, Karnataka, India using geoinformatics	Department of Science and Technology (DST)	2018	Not sanctioned

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MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
DEPARTMENT OF CIVIL ENGINEERING



List of Sponsored Project in Civil Engineering Department			
AY 2023-24			
Project Title	Funding Agency	Amount	Duration
Evaluation of acoustic capabilities and affordability of a sustainable alternate panels acoustic	KSCST	5500	1 YEAR
Study on mechanical properties of concrete using copper slag and silica fume as partial replacement to fine aggregate and cement	KSCST	5500	1 YEAR
Design of low cost water filters using sugarcane bagasse and ayurvedic herbs for rural area an alternative approach ay consumer end	KSCST	4500	1 YEAR

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List of Sponsored Project in Civil Engineering Department			
AY 2022-23			
Project Title	Funding Agency	Amount	Duration
Integrated solid waste management for rural area using internet of things	KSCST	5000	1 YEAR
A feasibility study of development of low-cost water filter using herbal technique for rural areas	KSCST	5000	1 YEAR

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DEPARTMENT OF CIVIL ENGINEERING



List of Sponsored Project in Civil Engineering Department			
AY 2021-22			
Project Title	Funding Agency	Amount	Duration
Experimental study on partial replacement of fine aggregate ceramic tile wastes in concrete	KSCST	7000	1 YEAR
An experimental investigation on fresh properties and strength parameters of self-compacting concrete using construction and demolition debris and fly ash.	KSCST	6000	1 YEAR
In-situ household organic waste composting using Unplasticized polyvinyl chloride pipe by passive Aeration method	KSCST	5000	1 YEAR
An experimental investigation on stabilized mud blocks by using agro-industrial waste	KSCST	4500	1 YEAR

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List of Sponsored Project in Civil Engineering Department			
AY2020-2021			
Project Title	Funding Agency	Amount	Duration
Experimental study on production of geopolymer concrete using treated domestic effluents	KSCST	5000	1 YEAR
An experimental study on applicability of bagasse ash and fly ash for enhancing the properties of black cotton soil	KSCST	5000	1 YEAR
Planning and designing of water distribution network of two water scarce areas of Mysuru city using remote sensing and GIS	KSCST	5000	1 YEAR
Investigation on utilization of treated domestic effluents for production of concrete	VTU	5000	1 YEAR
Critical assessment of Kapila river water quality, Nanjangud, Mysuru	VTU	5000	1 YEAR

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