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Bapuji Educational Association (Regd.)

# Bapuji Institute of Engineering and Technology

An Autonomous Institute Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka.

Approved by AICTE, New Delhi | Accredited by NAAC with 'A' grade and NBA (UG Programmes)

Recognized by UGC, New Delhi under 2(F) and 12(B)

## Department of Civil Engineering

### Academic Year: 2025-2026

Sl.No.	Title of the Project	Funding Agency	Ar
1	An Experimental and Machine Learning Approach for Predicting the Shear Strength of Concrete Beams Reinforced with Steel Bars and GFRP Bars.	Institute funding	

### Academic Year: 2024-2025

Sl.No.	Title of the Project	Funding Agency	Ar
1	Strength and Durability Characteristics of Concrete made of composite cement	Federation of Karunadu Chambers of Commerce and Industry (FKRCCI)	
2	An experimental study on effect of slag and fine aggregates on fresh and hardened properties of Self Compacting Concrete	KSCST	
3	An experimental study on traffic synchronisation in one direction for existing major district road in Davanagere	Institute funding	

### Academic Year: 2023-2024

Sl.No.	Title of the Project	Funding Agency	Ar
1	Optimization studies on adsorption efficiency of low cost activated orange peels for the removal of Methylene Blue Dye	KSCST	
2	Study on effects on agricultural fertilizers on surface and subsurface water sources	KSCST	
3	A study on the properties of conventional concrete with coconut shell as a partial replacement with coarse aggregate	Institute funding	
4	An experimental study on strength characteristics of concrete, using	Institute funding	

	partial replacement of alccofine and iron powder for cement and fine aggregate respectively		
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### Academic Year: 2022-2023

Sl.No.	Title of the Project	Funding Agency	Ar
1	Strength and Durability Characteristics of Alkali Activated Concrete	KSCST	
2	Performance study on recycled aggregate concrete in carbon conditioning	Institute funding	
3	Water quality assessment of surface and subsurface water - Davanagere	Institute funding	

### Academic Year: 2021-2022

Sl.No.	Title of the Project	Funding Agency	Ar
1	Development of alkali activated slag based recycled aggregate pervious concrete	KSCST	
2	An experimental study on utilization of sugarcane Bagasse Ash in the production of eco-friendly Masonry bricks	VTU	
3	Experimental study on strength characteristics of carbon dioxide cured concrete	VTU	
4	Experimental investigation on replacement of cement by flyash with addition of polymer	Institute funding	
5	Effect of wollastomite as partial replacement of cement on strength properties of Morter	Institute funding	

### Academic Year: 2020-2021

Sl.No.	Title of the Project	Funding Agency	Ar
1	A study on design of portable water distribution network for Chandrenahlli village Davanagere District, Karnataka	KSCST	
2	Experimental investigation on glass fiber reinforced concrete by partially replacing foundry dust as fine aggregate	KSCST	
3	Mechanical and durability characteristics of eco-friendly fly ash bricks- An experimental study	KSCST	
4	Experimental investigation on masonry concrete block using silica fume and crump rubber	VTU	

5	Experimental study of infiltration on different land covers in Davanagere District using double ring infiltrometer	VTU	
6	Hydroceramic tile a passive cooling system for building	Institute funding	
7	Effect of curing methods on strength and durability properties of M30 grade concrete	Institute funding	

### Academic Year: 2019-2020

Sl.No.	Title of the Project	Funding Agency	Ar
1	Performance characteristics of concrete with Alccofine - An experimental study	VTU	
2	An experimental investigation on partial replacement of cement with magnesium carbonate on performance of concrete	VTU	
3	Utilization of carbon dust by industries as a source for toner	NAIN	
4	Application of industrial by products for the development of eco-friendly sustainable concrete	NAIN	

### Academic Year: 2018-2019

Sl.No.	Title of the Project	Funding Agency	Ar
1	Designing Of Nalas To Increase The Capacity Of Existing Lakes In Davanagere City	KSCST	
2	Study Of Artificial Recharge Method For Recharging The Ground Water Of Davanagere City	KSCST	