

**Projects (2021-22)**

Sl. No	Topic Name	Students Name	Guide	Lab
1	Generating Alternate energy to provide uninterrupted power supply to rural villages	Akash K Murthy Prabin Singh Prajwal M Chaitra J	Dr. Vijayalakshmi Akella	Research centre Software application lab
2	Design of New Highway Flexible Pavement for Outer Ring Road	Aishwarya S Nirmitha S Varsha A	Mr.Veerendra Kumar.M	Research centre
3	Analysis and Design of Multistorey Building	Mohammed Adnan Salik Rashmi K N Tejas S Mohammed Rizwan A	Mr.Veerendra Kumar.M	Software application lab
4	Design of Pile Foundation for High Rise Structures	Aishwarya M Reemashree Das Sunitha T U Tejaswini Shivaram	Dr.Arekal Vijay	Software application lab
5	Road Crossing Behavior of Pedestrians at Mid Block section	Anup Sachin Sangappa Kagal Chaitanya K N Pradeep Kumar S T	Ms.Sushma. M	Research centre Software application lab
6	Smart Irrigation with IOT	Ravi V T M Rohit Yadav Varun C J Abhinandan Bhagat	Mr.Shashiprasad.N	Software application lab

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7	Slope stability analysis of Infinite Slopes and Landslide Mitigation	Anil Kumar T Chethana C R Lavanya S Narasimha Shenoy K P	Dr.Arekal Vijay , Dr.Vyshali	Software application lab
8	Railway Track Design for Bullet Train	Bhagath H K Dinesh Krishnan Sandeep A Patre Shreyas Prasanna	Ms.Amrutha Dhiraj	Software application lab
9	Experimental and Analytical Study on Reinforced Block Masonry Under Compression	B Naveen Chandrashekar C Lokanath S Rakesh D	Mr. Manjunath B	Concrete technology lab
10	Experimental and Analytical Study on different alternate Bricks/Blocks	Arun Gowda S Kadur Mary Aishwarya B Santhosh C Haravi Swathi K	Mr. Manjunath B	Concrete technology lab
11	Experimental Investigation on Flexural behaviour of Bamboo Reinforced concrete Members	Yashwanth K Madhunandan S Mounesh Kumar	Mr. Naveena M P	Concrete technology lab
12	Parametric study of Air quality Index at salient points in Bangalore	Uzair Ifthekar Madhusudhan R Sanjay S	Dr.Rashmi Hr	Environmental Engg lab
13	Transit oriented development: A case study of Bengaluru Metro line phase 1	Ganesh S Rohith K S Bhargava M Munirathnam B S	Ms.Saisushma	Research centre Software application lab
14	Strength characteristics of concrete specimen wrapped with carbon fiber	Sanjay M V Rahul K Niranjan.K Sukhveer K Acharya	Mr.Prashanth.M	Structures lab Concrete technology lab

**Projects (2022-23)**

Sl. No	Topic Name	Students Name	Guide	Lab
1	Experimental and Analytical Study on Seismic Behaviour of RCC Portal Frame using ETABS	Banashree B Suhas L Santosh Kumar D Umesh Kumar Singh	Mr. Manjunath B	Research centre Software application lab Concrete technology lab
2	Experimental Study of Seismic Behaviour on Masonry Structure	Jayaprasad Yadav K Mamrutha M Ranjitha P M Suneel Ningana Gouda Patil	Mr. Manjunath B	Structures lab Concrete technology lab
3	Experimental Investigations on Low Strength Translucent Concrete Blocks	Ramachandra Gowda R C Shwetha M A Sadashiva M Arjun Gowda	Mr. Veerendrakumar M/Mrs. Amrutha Dhiraj	Concrete technology lab
4	Experimental Study on Mechanical Properties of Self-Healing Concrete	Bharath S Kadam Mohammed Shoaib Ahmed L Lokesh Chowdary Srinith H	Mr. Shashi Prasad N	Structures lab Concrete technology lab
5	Experimental Investigation of Enhancement of Flexural Strength of RC Beam by Wrapping of Low Cost Glass Fibre Reinforced Polymer	Karthick Naidu A Harshitha S Monisha R P Rajula Sai Jithin	Mr. Naveena M P	Structures lab Concrete technology lab
6	Studies on Early Age Characteristics of Self-cured GBFS Based Concrete Mixes	Siddana Gouda Salman Bashir Suhail Preethi P	Dr. Rashmi H R	Concrete technology lab Environmental Engg lab
7	Experimental Study on Sustainable Thermal Blocks for Trombe Walls to Condition Buildings	Bhargav M Kishore S Keerthana L Sandesh K N	Dr. Vijayalakshmi Akella	Concrete technology lab

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8	Fire Safety Audit for Multi-Storey Buildings	Chethan M Krishna Prasad N H Srinidhi G Joshi Nishchitha N	Dr. Arekal Vijay	Research centre Software application lab
9	Experimental Study on Effect of Long Term Loading on Beams (Creep Coefficient and Shrinkage)	Guru Prashanth M Prajwal L V Vinodh M Naveen Kumar S	Mr. Prashanth M	Structures lab Concrete technology lab
10	Experimental Studies on Durability Properties of Glass Fibres Reinforced Concrete	Vijay P Charan A Siddhartha S Samartha S	Mr. Manjunath B	Structures lab Concrete technology lab

**Projects (2023-24)**

<b>Sl. No</b>	<b>Topic Name</b>	<b>Students Name</b>	<b>Guide</b>	<b>Lab</b>
<b>1</b>	Experimental Investigations on Thermal Performance of Stabilized Mud Block	Arun Kumar K Skanda S Baragur Balasubrahmanya R Hiriyur Pangambam Jaichand	Dr. Vijayalakshmi Akella/ Dr. Arekal Vijay	Structures lab Concrete technology lab
<b>2</b>	Experimental Investigation on Use of Bamboo Mesh and Egg Shell Powder in Sustainable Ferrocement Elements	Sushmitha U Jaikrishna M Nanda Sr Vishal M	Mr. M Veerendra Kumar/ Mrs. Amrutha Dhiraj	Structures lab Concrete technology lab
<b>3</b>	Potential Use of Biofilters, Constructed Wetland and Solar Driven Disinfection for Grey Water Treatment in Rural Areas	Lakshmisha G V S Sujan Bheemaraju C Chandan Mn	Dr. Rashmi H R / Pallavi M	Environmental Engg lab
<b>4</b>	Comparative Experimental Study on a 4 Storey Steel Frame to Reduce Displacement Using Tuned Mass Damper	Sujitha E Darshan P Pramod S Keerthan Mr	Mr. Naveena M P/ Mr. Shashi Prasad N	Research centre Software application lab Structures lab
<b>5</b>	Experimental Investigation on Masonry Structure with Horizontal Reinforcement on Shake Table	Chandan K Nida Manzoor Teli Charan C S Pavan S	Mr. Manjunath B/ Mr. Prashanth M	Structures lab Concrete technology lab