

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF CIVIL ENGINEERING
Project Details 2021-22

Group No.	Title of Project	Name of Students	Area of Project	Remark	Internal Guide Name/Qualification/Experience
01	Failure of Foundation Due to Earthquake	Ahire Sakshi	Structural Engineering		Dr. M. R. Wakchaure Ph D Structure
		Avhad Sarika			
		Bhangare Pragati			
		Andhale Punam			
02	Design and Analysis of steel bridge structure	Binnar Dattu	Structural Engineering		Dr. M. R. Wakchaure Ph D Structure
		Battisa Durgesh			
		Deshmukh Akshay			
		Ingale Omkar			
03	Analysis of Pravara River Basin using GIS for Bhandardara Project Reservoir	Bagnar Omkar Subhash	Water Resources Engineering		Dr. J.B. Gurav PhD Civil Engg.
		Balsaraf Kshitij Sanjay			
		Fatangare Aakanksha			
		kharde Kartiki			
04	Computer Applications in Water Resources Engineering	Gunjal Sushant Somnath	Water Resources Engineering		Dr. J.B. Gurav PhD Civil Engg.
		Gulve Avinash Shivaji			
		Dighe Komal Prakash			
		Kedar Varsha Sitaram			
05	Reinforced Concrete Foundation for Vibrating Machines	Kandekar Manas	Structural Engineering		Dr. N. U. Mate Ph D Structure
		Pawar Mohan			
		Newaskar Aishwarya			
		Sarwar Tejaswini			
06	Design and Analysis of Bamboo Structure (Wedding Hall)	Nehe Vaishnavi	Structural Design		Dr. S.B. Kandekar Ph D Structure
		Pardeshi Gauri			
		Wagh Tejas			
		Zaware Prasad			

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07	Integrated fish and poultry farming	Shinde Sourabh C.	On field		Dr. S.B. Kandekar Ph D Structure
		Shinkar Ninad kiran			
		Pranjal Dinkar Tamhane			
		vairal vilas madhukar			
08	Green Residential Societies: Systematic Approach	Bhor Sumit	Environmental Engineering		Dr. R.S. Ingole Ph D Environment
		Bhanage Nikhil			
		Gholap Samruddhi			
		Kedar Punam			
09	Analysis of traffic volume at various time zones and design signals and lanes to increase vehicular flow.	Kokane Amol Ravindra	Transportation Engineering		Er. A.V. Navale M. Tech (Offshore Engg)
		Landage Abhijeet			
		Dattatraya			
		Landage Aniket Dilip			
10	Economical analysis of construction of building by traditional material and Ecofriendly material case study.	Murkute Praful Dilip	Project Management and Building Constuction		Er. Pawar S.M M.E. WRE
		Bansode Mayuri Keru			
		Bhonde mansi pradip			
		Bidgar Ashwini D.			
11	Ground Water Inventory	Khule vijaya navnath	Water Resources Engineering		Er. Auti V.A. M.E. WRM
		Digvijay Bhor			
		Suyog Jadhav			
		Omkar Ghude			
12	Effect of wastewater on concrete	Chavhan Machindra	Environmental Engineering		Er. Rahane V.R. M.E. Envireonment
		Bhoknal Dhiraj			
		Bhokse Shubham			
		Gavhane Shubham			
		Gawali Attish			

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13	Design of groundwater tank by using E-tabs	Rahane Nikita	Structural Engineering		Er. V.P. Kulkarni M.E. Structure
		Sukate Sanchita			
		Pavbake omkar			
		Shinde Praniket			
14	"Hygroscopic Road Using Fly Ash"	Ayanar Sonali Keshav	Construction		Er. A.J. Mehetre M.E. Structure
		Bhagwat Shubhangi R.			
		Kandalkar Kalpana T.			
		Darade Swati Shivnath			
15	Construct Rectangular Water Tank by using Ferrocement	Ghule Ajit	Ferrocement		Er. A.J. Mehetre M.E. Structure
		Domade Adesh			
		Gadakh Dhanashree			
		Deshmukh Rutuja			
16	Comparison of IS 10262 (2009) to IS 10262(2019) with fly ash-based cement	Phatangare Anuj B	Concrete Technology		Er. A.R. Ghode M. Tech Structure
		Phapale Sandesh B			
		Nawale Ameya B			
		Wadekar Rushikesh B			
17	Study of Environmental Status in Pune Industrial Region	Chaure Dharamjit Shivaji	Environmental Engineering		Er. Gite B.E. M.E. Structure
		Deshmukh Mahesh Ajay			
		Gavit Roshan Ashok			
		Gavit Tanaji Ganpat			
18	Neighbourhood planning proposal for gunjalwadi area of sangamner city	Rode Pradnya	Town planning		Er. Kokate M.D M. Tech Urban Planning
		Sanap Poonam			
		Walve Supriya			
		Shinde Grinita			
19	Partial replacement of cement by eggshell powder	Bulkunde Pragati	Structure		Er. N.K. Khairnar M.E Structure
		Jadhav Ashwini			
		Athare Kshitija			
		Avhad Nisha			
20	Study on slope stability of earthen dams by using GEOSTUDIO software	Patil Sanjana Bharat	Geotechnical Engineering		Er. Kolhe S.B. M.E. Structure
		Kokane Vaishnavi R.			
		Mandlik Kajal Kishor			
		Matkar Mrunali B.			

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21	Structural Design and Analysis of (G+1) Bamboo framed Rammed Earth Structure	Anekar Prathamesh	Structural Engineering		Er. P.R. Mehetre M.E. Structure
		Ghode Pratik			
		Ithape Dipak			
		Kale Nilesh			
22	Study of Agricultural, Irrigation practices in Pravara basin of Sangamner tahsil using GPS, GIS and allied methods	Khemnar Goraksha D.	Environment, Economic, Social		Er. P.R. Mehetre M.E. Structure
		Pawar Rahul Pravin			
		Nawale Rohan Balasaheb			
		Pawar Sanket Anil			
23	BOD and COD Removal from wastewater using activated carbon prepared from agricultural by product	Shinde pooja dinkar	Environmental engineering		Er. T.R. More M.E. Structure
		Khemnar Saish Sampat			
		Ramole Aishwarya P.			
		Nadekar Swapnil Luma			
24	A review on the latest trend of Solar Pavements in Urban Environment	Otari Akash	Environmental Engineering		Er. Chandane P.R. M.E. Environment
		Patil Rupesh			
		Pandit Yashodip			
		More Abhijit			
25	Effect of Use of Recycled Aggregate and Brick Kiln Dust in Concrete	Pagare Akshay	Structure		Er. Rahane D.T M.E. Structure
		Wakchaure Kapil			
		Pawar Rushikesh			
		Kute Chakradhar			
26	Use of solar photovoltaic energy for cleaning of sewer line.	Pathade Kiran Bansi	Environmental Engineering		Er. Kadlag C.S M.E. Environment
		Shelke Swapnil B.			
		Mahale Vraful Vasudeo			
		Thitame Aditya Bharat			
27	Drone Survey	Mandlik Gireedhar	Transportation, Survey		Er. Gunjal C.M. M.E. Structure
		Mandlik Shrikant			
		Pokale Jaywant			
		Raut Mayur			
28	Submerged floating tunnel	Bhor varsha			Er. Malunekar J.A

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		Godase Rutuja	Transportation Engineering		M.E. Structure
		Kale Sanket			
		Kanawade Omkar			
29	Domestic Waste water Purification by Root zone Method	Pawar Yogesh	Environmental Engineering		Er.Sangle J.B M.E. Environment
		Vaibhav Sable			
		Sagar Ajit			
		Sanap Sandesh			
30	Parametric study of high microfines sustainable concrete designed using packing density method	Wagh Bhupendra Pravin	Concrete Tehcnology		Er. Kanawade P.B M.E. Structure
		Shelke Kalyan Manoj			
		Musmade Abhishek B.			
		Narwade Akash Karbhari			
31	Urban Storm water Management	Deshmukh Parayush	Environmental Engineering		Er. Gade M.R M.E. Environment
		Gite Amol			
		Gawade Shubham			
		Thorat Rohit			
32	Modular Building Construction	Shinde Kishor Sharad	Building construction		Er. Yadav A.P M.E. Structure
		Jungbhadur Singh			
		Varpe Jayesh			
		Khairnar Digvijay			
33	Underwater Construction of Highway	Patil Mayuresh	Transportation Engineering		Er. Pemgirikar A.C M.E. Construction and Management
		Patil Abhaysingh			
		landage Navnath			
		lakade Rishikesh			
34	New technique foundation in different types of wind mills	Shinde Pranav Rajendra	foundation		Er. Nawale M.A M.E. Structure
		Narware Rutik Satish			
		Sontake Komal Ganesh			
		Shaikh Mohammadatikh			
35	Experimental study on use of laterite soil modified with rap in sub base of pavement	Anarase Shubham	Project Management		Er. Bochare A.C M.E. Construction and Management
		Gade Akash			
		Gawali Jaykumar			
		Ghule Rushikesh			
36		Ahire Navnath Mohan			Er. Mande N.V

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	Remote sensing and Geographic information system and it's applications to Water Resources Engineering.	Avhad Abhijeet Deepak Gite Tushar Bhausaheb Kadam Chaitanya Vikas	Water Resources Engineering		M. Tech Civil and water management
37	Automatic spraying machine	Kawade Samarth Gite Balasaheb Gunjal Avinash Hase Tejas	Agriculture based project		Er. Wale S.R M.E. Structure


Er. S.M. Pawar
Project coordinator


Dr.M.R. Wakchaure
HOD Civil