

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF CIVIL ENGINEERING
Project Details 2023-24

Group No.	Title of Project	Name of Students	Area of Project	Remark	Internal Guide Name/Qualification/Experience
01	Seismic Behavior on Prefabricated Modular Building	Londhe Abhay	Structural Engineering		Dr. Wakchaure M. R. Ph D Structure
		Khemnar Sumit			
		Khurpe Rushikesh			
		Chaudhari Sriraj			
02	3D Printing as civil Engineering aspect	Bhanage shital	Structural Engineering		Dr. Wakchaure M. R. Ph D Structure
		Lonkar Shital			
		Lonkar Vijay			
		Sarkate Ashish			
03	Design and Development of dry fruit Cutter Machine	Lahamnge Darshan	Agriculture		Dr. Gurav J. B. PhD Civil Engg.
		Lokhande Rohit			
		Pansare Vaishanvi			
		Wakchaure Bhakti			
04	Evaluation of Response Reduction Factor for base isolation building	Kothwal Gokul	Structural Engineering		Dr. Mate N. U. Ph D Structure
		Naik Aishwarya			
		Sanap Hrushikesh			
		Wakchaure Bhushan			
05	Structural Health Monitoring by using computer programming	Shaha Divyani	Structural Engineering		Dr. Mate N. U. Ph D Structure
		Randive Tejas			
		Waghchaure Yash			
		Zalte Aditya			
06	Design of Steel Intensive Trade Fair Centre	Gangurde sayali	Structural Engineering		Dr. Kandekar S. B. Ph D Structure
		Hase Vijaya			
		Hulhule Ojaswini			
		Jadhav Snehal			
07	Road Safety under low visibility	Auti Satyajeeet	Transportation Engineering		Dr. Kandekar S. B. Ph D Structure
		Avhad Anisha			
		Kandekar Mahesh			
		Kankate Vaibhav			
		Khairnar Gayatri			

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08	Structural audit structural safety check	Jagtap Pushpanjali	Structural Engineering		Dr. Mehetre A. J. Ph D Structure
		Kadhane sakshi			
		Chaudhari snehlata			
		Avhad Vaishnavi			
09	Concrete beams with differential shapes of opening	Bhagwat Vaishnavi	Structural Engineering		Dr. Mehetre A. J. Ph D Structure
		Bidve shrikant			
		Dighe shrutika			
		Gaidhani Monika			
10	Reuse of wastewater for soil less farming	Pangarkar Sainath	Environmental Engineering		Dr. Ingole R.S. Ph D Environment
		Umbarkar Shraddha			
		Wakchaure Monika			
		Wakchaure Prajwal			
11	Use of Phytoid Technology for sewage treatment	Rahane Rushikesh	Environmental Engineering		Dr. Ingole R.S. Ph D Environment
		Rathod Sachin			
		Ughade Bhavesh			
		Warungse Pratik			
12	Design and analysis using "STAAD Pro"	Shete Shivam	Geotechnical Engineering		Dr. Navale A.V. M. Tech (Offshore Engg)
		Sasane Akash			
		Warade Shreyas			
		Wadale Manoj			
13	Effect of Geo-Synthetic fibers on safe bearing capacity of soil using plate load test	Lavhare Dyaneshawar	Geotechnical Engineering		Dr. Navale A.V. M. Tech (Offshore Engg)
		Mungase Yash			
		Sonawane Harshada			
		Salve Klyani			
14	Mathematical formulation of optimization of microfines in crushed stone aggregate concrete using MATLAB	Chakor Nikita	Concrete Technology		Er. Mande N.V. M. Tech (Civil & Water Mangt.)
		Galande Aniket			
		Kulkumbe Nita			
		Khedekar Gauri			
15	Design and development of Eco-san Toilet	Abhang Shubham	Environment, Economic, Social		Er. More T.R. M.E. Structure
		Chahre Ujjwal			
		Dokhe Akash			

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		Gunjal Yogesh			
16	Study of transportation needs in rural & semi urban areas	Warghade Naresh	Transportation Engineering		Er. Auti V.A. M.E. WRM
		Palande vaibhav			
		Sonawani Prasad			
		Nannaware sanket			
17	Experimental Investigation of the effect of wastewater on Geopolymer concrete	Kadlag Nachiket	Concrete Technology		Er. Rahane V.R. M.E. Envireonment
		Gunjal Rushikesh			
		Gunjal Akash			
		Dange Shubham			
18	Use of White-Topping in Road Construction	Andhale Sanket	Structural Engineering		Er. Kulkarni V.P. M.E. Structure
		Avhad Rushikesh			
		Gaikwad Ritesh			
		Rathi Deepak			
19	Partial Replacement of cement with Biomedical waste Ash in concrete	Sanap Rutik	Concrete Technology		Er. Ghode A.R. M. Tech Structure
		Chinde Dyaneshwari			
		Dhindale Aradhya			
		Gholap Nikita			
20	Smart Village Planning and Proposal	Hakim Ayesha	Town Planning		Er. Kokate M.D M. Tech Urban Planning
		Chattar Nikita			
		Chaudhari Vaibhavi			
		Gosavi Sanika			
21	Traffic Volume Studies & Congestion solution	Mhaske Swamini	Transportation Engineering		Er. Khairnar N.K. M.E Structure
		Bochare Neeta			
		Bidgar Pradnya			
		Jadhav Prachi			
22	Housing & Energy	Ilag Pratiksha	Environment, Economic, Social		Er. Mehetre P.R. M.E. Structure
		Ghuge Vaishali			
		Bhorkade Sarthak			
		Dangat Sujay			
		Pawar Rohit			
		Pokale Maruti			

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23	Experimental Analysis on effects of treated waste water on properties of Geopolymer Concrete	Bedade Rahul	Concrete Technology		Er. Rahane D.T. M.E. Structure
		Bhalerao Akash			
		Gandole Nishant			
		Kadlag Aniket			
24	Rejuvenation of left bank canal of Bhojapur dam	Gite Rutik	Environmental Engineering		Er. Kadlag C.S M.E. Environment
		Erande Sujit			
		Deshmukh Jayesh			
		Jondhale Harshal			
25	Feasibility of basalt fiber reinforced polymer (BFRP) in construction Industry	Kumar Uddeshya	Concrete Technology		Er. Gunjal C.M. M.E. Structure
		Erande Pranjali			
		Rathod Amol			
		Shembade Laxman			
		Jadhav Gitanjali			
26	Comparison between traditional and BIM project management technology	Kotkar Tushar	Project Management		Er. Gaikwad J.R M.E. Structure
		Pande Vaibhav			
		Pawar Pankaj			
		Sakat suraj			
27	Advanced Technological Development in Solid waste Management- Case Study	Khemnar Ganesh	Environmental Engineering		Er.Sangale J.B M.E. Environment
		Kolapkar Yash			
		Sontakke Vaibhav			
		Jadhav Mahesh			
28	Durability assessment of high microfines sustainable concrete designed using Partical packing theory	Murtdak Pranjali	Concrete Technology		Er. Kanawade P.B M.E. Structure
		Nehe shubham			
		Patil Rohit			
		Patil Tanvi			
		Talpade Ulkesh			
29	Leakage detection in water distribution network using GIS	Mungase Vishal	Environmental Engineering		Er. Gadhe M.R M.E. Environment
		Wakchaure Priti			
		Shinde Vedant			
		Saskar Shivam			
30	Analysis of Bioconcrete	Shelke akshada	Concrete		Er. Yadav A.P

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		Sarokte Laxmi	Technology		M.E. Structure
		Jadhav Anuja			
		Pulate Omkar			
31	Storm Water Drainage System in Amrutvahini Campus	Abhale Sanika	Environmental Engineering		Er. Pemgirikar A.C
		Awari Sampada			M.E. Construction and Management
		Borhate Jai			
		Daware Siddhesh			
32	Rolling Barrier System	Sanap Mayur	Transportation Engineering		Er. Nawale M.A
		Shelke Om			M.E. Structure
		Shinde Deven			
		Shirsat Aniket			
33	Municipal Solid waste as a supplementary Construction material: A step towards sustainable development	Pawar Vishal	Environmental Engineering		Er. Bochare A.C
		Pawase Ashish			M.E. Construction and Management
		Satpute Shruti			
		Surung Dyaneshwar			
34	Implementation of Digital Twins in AES Sector	Bhaskar Omkar	Concrete Technology		Er. Wale S.R
		Bhoknal Pratik			M.E. Structure
		Bhokare vaibhav			
		Dhammale prasanna			
35	Study and investigation of role of various natural and composite coagulants in waste water.	Gunawat Rahul	Environmental Engineering		Er. Chandane P.R.
		Dhongade Roshan			M.E. Environment


Dr. Navale A. V.

Criteria coordinator


Dr. S. B. Kandekar

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