



NANDHA ENGINEERING COLLEGE, ERODE - 52.

(AUTONOMOUS)

Centre for Innovation and Product Development (CiPD)

15th Innovation Day Project Details

Department of Civil Engineering



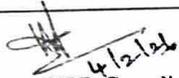
UNIQUE PROJECT

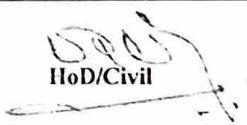
S No.	Project Title	Student Name	Roll No.	Year	Mentor Name & Mobile No.
1	An Innovative Approach to Buoyant Foundation Systems in Buildings Using AAC Blocks	N Anupama	23CE002	III	Mr.V.Aravind, AP/Civil
		G Subaharini	23CE016	III	
		B P Sriroobini	23CE015	III	

PROJECT LIST

S No.	Project Title	Student Name	Reg. No.	Year	Mentor Name & Mobile No.
1	A modular masonry trowel with interchangeable blades and angled mortar-retaining edge	S Suventhiran	24CE023	II	Mr.V.Aravind, AP/Civil
		C Yogesh	24CE026	II	
		K Manikandan	24CE011	II	
2	Miniature soil sifting equipment for educational purpose	P Pradheep	23CEL03	III	
		S Anbarasan	23CE001	III	
		S Karthick	23CE006	III	
		S Prakash Kumar	23CE010	III	
3	EcoPave: Sustainable Paver Blocks from Shredded Plastic	S Suventhiran	24CE023	II	
		K Naveenraj	24CE014	II	
		M Prakash	24CE017	II	
4	Base Isolation in Buildings: Protecting Superstructures from Earthquake Vibrations	G Sivabharathi	23CE019	III	
		R Karthikeyan	23CE007	III	
		P Navaneethan	23CE009	III	

5	Arduino-Based Column Buckling Detection System	G Sivabharathi	23CE019	III	Mr.K.C.Denesh, AP/Civil
		G Gokulakrishnan	23CE005	III	
		S Chandru	23CE003	III	
6	A Comparative Study of Traditional and Conventional Mortars for Sustainable Construction	S Kavinessh	24CE008	II	
		P Harish	24CE005	II	
		M Saranya	24CE021	II	
7	A Smart Tool Belt to Improve Efficiency and Safety of Construction Workers	S Manoj Kumar	24CE012	II	Mr.M.K.Kamalakkannan, AP/Civil
		S Gajendran	24CE003	II	
		N Ramprasanth	24CE019	II	
8	Development of Styrofoam-Based Gel Waterproofing Tile for Construction.	B Bharathkumar	24CE001	II	Mr.A.Abdul Hameed, AP/Civil
		P Karthick	24CEL01	II	
		S Priyadharshan	24CEL07	II	
9	Portable Brick Lifting Handle for Masonry Work.	G Godwin	24CE004	II	Mr.S.Gnana Venkatesh, AP/Civil
		K Rithika	24CE020	II	
		P Saraswathi	24CE022	II	
10	Miniature Motorbike Stand for Total Station Mounting.	K Kamesh Kishore	24CE007	II	Mr.KU.Manikandhan, AP/Civil
		M Umar Sajith	24CE024	II	
		T Kaviyarasu	24CEL02	II	
11	A Sustainable Brick using Steel Slag	R Vasantha Venkadesh	24CE025	II	Mr.K.L.Ravisankar, AP/Civil
		D Manoj	24CEL04	II	
		T Prabhakar	24CEL05	II	
12	A miniature model of an ergonomic sink handle mechanism	M Madhavan	24CE010	II	Mrs.K.Selvi, AP/Civil
		D Manisankar	24CEL03	II	
		S Isravel Jaba Chryson	24CE006	II	


 Dept. CiPD Coordinator
 (Mr.V.Aravind, AP/Civil)


 HoD/Civil
 04/02/2020