



**Dr. Akhilesh Das Gupta Institute of Professional Studies
Civil Engineering Department**

BEST MINOR PROJECT 2023-2024

Best Project	Enrolment No	Name of Student	Project Title	Guide Name	Associated POs	Associated PSOs
1	315607921	SUMIT BHARTI	<i>Comparative study of Balanced Cantilever Method & Conventional Method in Design of Bridges</i>	Ms. Niharika Sharma	PO2, PO3, PO5, PO11, PO12	PSO1, PSO2,
	1315607921	FARHAZ ALAM				
	1215607921	RAHUL ANAND				
	915607921	VENU GOPAL				
	3215607921	PAVAN SRERAMM M				
2	3715603420	Rahul Jha	<i>Energy Performance and Optimization of commercial building under different outdoor climates and geographical location using Energy Plus/Green Building Studio/BIM REVIT</i>	Ms. Ekta Dwivedi	PO2, PO3, PO5, PO12	PSO1, PSO2, PSO3
	2915603420	Pankaj Kumar				
	1915607921	Dhruv Mehra				
	415603420	ADARSH SHOKEEN				
3	1415603420	Chandra Shekhar Kumar	<i>Analysis & Design Of Tall Building Using Structural System Diagrid And Comparing It With Conventional Building Using SAP2000</i>	Ms. Niharika Sharma	PO2, PO3, PO5, PO12	PSO1, PSO2, PSO3
	2215603420	Himani Tomar				
	115603420	Aayush Arya				
	3015603420	Parvesh Choudhary				
	1815603420	Gaurav Gupta				
3	4815603420	Sumit Gupta	<i>Enhancing the durability & Performance of Geopolymer Concrete through Basalt Fiber</i>	Mr. Parasram Pandit	PO2, PO3, PO5,	PSO1, PSO2, PSO3
	4915603420	Sumit Yadav				
	3315603420	Prachi Ray				
	815603420	Aman Tiwari				
	1015603420	Ankit Sharma				
4	215603420	Abhishek Pant	<i>Examining the attributes of eco friendly concrete</i>	Dr. Kavita Verma	PO2, PO3, PO5, PO12	PSO1, PSO2
	4115603420	Saurabh Singh Rawat				
	2915607921	Nitin				
	2115603420	Harshita Pokhriyal				
	1215603420	Astha				
4	2415607921	Suraj	<i>To enhance properties of papercrete block with addition of admixture</i>	Mr. Ashish Juneja	PO2, PO3, PO5, PO12	PSO1, PSO2, PSO3
	815607921	Sangam Kumar				
	1515607921	Tarun Kumar				
	2215607921	Varun Kumar				
	2315607921	Vikas				
						
	Ms Niharika Sharma, Mr. Ashish Juneja			Dr. Kavita Verma		
	Project Coordinator(s)			Head of Department		

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Best Project	Group No	Enrolment No	Name of Student	Project Title	Guide Name
1	5	115603419	Aryan Sugla	Experimental Investigation on the properties of concrete using FRP strips	Ms. Shikha Sachan
		4815603419	Mohan Shyam Aggarwal		
		1115603419	Nitin Thapliyal		
2	2	215607920	Aakash Sah	Performance optimization of concrete mix design & enhancement directions	Dr. Kavita Verma
		315607920	Aayushi		
		715607920	Anuj Sharma		
		3915607920	Rohit thakur		
3	7	2515603419	Bhanu Aggarwal	Study of partial replacement of cement with fly ash in Banana fibre reinforced concrete.	Mr. Aashish Malik
		4515603419	Nishant Kumar		
		1215603419	Nishant Kumar Gautam		
3	24	3415603419	Harshita	Adopting Energy Efficient Approaches To Minimize Building Life-Cycle Cost And Acquire LEED Certification Using BIM	Ms. Ekta Dwivedi
		35315603419	Tanya Kapoor		
		3615603419	Rishabh Deep Yadav		

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Department of Civil Engineering
Best Minor/Major Project

Academic Year (2021-2022)

S. No.	Student Name	Topic/Title	Guided by	Relevance to Pos and PSOs
1	Paanshul Jarrel	Investigating cementitious property of calcined clay as a partial replacement of cement	Mr. Lalit Singh	PO2, PO4, PO6, PO6, & PSO3.
	Rohit Sabharwal			
	Karan Rawat			
	Arun Baby			
	Ritik Singh			
2	Jatin Kashyap	Assessment Of Water Quality Parameters Of Bhalaswa Lake And Yamuna River (Delhi)	Dr. Kavita Verma	PO4, PO6, PO6, PO7, & PSO1
	Aashu Dagar			
	Raj Roshan			
	Narayan Prasad Saini			
	Keshav Gupta			
3	Pawan Saini	Studying the effect of saline water on reinforced steel and its preventive measures	Mr Lalit singh	PO1, PO2, PO7, PO9, PO12 & PSO2.

Academic Year (2020-2021)

S. No.	Enrollment No.	Students Name	Title	Guided by
1	20115603417	Piyush Jha	Engineering Properties of Black Cotton Soil-Dolime Mix for its use as Subbase Material in Pavements	Mr. Aashish Malik
	36215603417	Yatin Kataria		
	42515603417	Yogesh Khatri		
	36115603417	Samkit Jain		
2	41015603417	Pratham Jha	Forecasting Water Quality Parameters by ANN Model Using Pre-processing Technique - A case study	Ms. Maninder Kaur Ms. Tarushi Singh
	41915603417	Rahul Ranjan		
	40415603417	Prashant Kumar		
	40715603417	Kuldeep Yadav		
	75115603417	Gawhar Yousuf Mir		
3	03415603417	Mansi Saxena	To study the effect of plan irregularity on RC building under seismic loading	Ms. Aarushi Gupta
	02215603417	Himani Tiwari		
	03615603417	Mohit Kumar Singh		
	00915603417	Anjali Kaur Marwah		
	42615603417	Varsha Bijnola		

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Academic Year (2019-2020)

S. No.	Enrollment No.	Students Name	Title	Guided by
1	08315603416	Sumit Kumar Das	To Predict the Air Quality of Delhi- NCR Taking Vehicular Emission as Input Parameter	Ms. Maninder Kaur Ms. Tarushi Singh
	07315603416	Shambhavi Trivedi		
	06115603416	Puneet		
	35315603416	Hardik Malik		
2	00115603416	Aakansha Singh	Design of End Diaphragm of 25m Span I - Girder Using Grillage Analysis in STAAD Pro.	Ms. Aarushi Gupta
	00415603416	Abhilash Kumar		
	04715603416	Matin Ahmed		
	00215607917	Ankita Singh		
3	08315603416	Sumit Kumar Das	Particulate Matter Forecasting Pm 2.5, Pm 10 Using ANN and Deep Learning Tool	Ms. Maninder Kaur Ms. Tarushi Singh
	06115603416	Puneet		
	7715603416	Shubham Kanuji		

Academic Year (2018-2019)

S. No.	Enrollment No.	Students Name	Title	Guided by
1	07015603415	Shikhar Mittal	Prediction of Air Pollution Using Artificial Intelligence: A Case Study of Delhi NCR	Ms. Maninder Kaur Ms. Tarushi Singh
	36015603415	Sanyam Jain		
	41115603415	Shubham Dangwal		
2	06515603415	Sahil Mahajan	Crack Quantification in Concrete Using Digital Image Processing	Mr. Vikas Kataria
	07315603415	Shivam Kumar Singh		
	35515603415	Parv Mittal		
	40315603415	Ravinder Bainsla		
	08715603415	Vishal Rana		
3	0115603415	Aarzo	Bamboo as a Green alternative to Steel Frame Structures	Ms. Shikha Sachan Mr. Aashish Malik
	05615603415	Ranjan Kumar Lal		
	05615603415	Deepak Sharma		
	03615603415	Kishan Singh		
	04715603415	Nitish Bhardwaj		