

# 1.3.2 Percentage of Students Undertaking Project Work/ Field Work/ Internship

**Greater Noida Institute of Technology (Engg. Institute)** 

Plot No. 7, Knowledge Park II, Greater Noida Uttar Pradesh 201310 India



# GNÎOT ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट) GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

Department of Civil Engineering

List of students undertaking Project work / field Work/ Inernships (Data for the latest completed academic year-2021-22)

Program Name: B. Tech. (CE)

Program Code: 00 Total No. of students: 165

S. No.	Student Name	Student Univ. Roll No	Year/ Sem	Project Title	Project/ Mini Project/	Place of Work	Duration(In Months or
1	Karan Dubey	1713200033	4th Year/8th Sem	Analysis of Highly Congested Road Intersection & Proposal of Grade Seperation.	Project	GNIOT, Greater Noida	
2	Bhavesh singh	1713200022	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
3	Atul Bodung	1713200018	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
4	Abdul rahman	1813200001	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
5	Ranjeet Kushwaha	1901320000000	4th Year/8th Sem	High Srength Concrete Using Foundary Slag.	Project	GNIOT, Greater Noida	4 months
6	Pradeep Verma	1813200020	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
7	Aditya Sinha	1813200002	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
8	Abhinav Kumar Sinha	1901320000000	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
9	Parwez Alam	1813200019	4th Year/8th Sem	Study of plastic waste for	Project		4 months
10	Shankar Prakash	1813200030	4th Year/8th Sem	replacemenet of coarse	Project	GNIOT, Greater Noida	4 months
11	Shivam jaiswal	1813200031	4th Year/8th Sem	aggregate with soft and hard	Project	GNIOT, Greater Noida	4 months
12	Atul Saxena	1813200006	4th Year/8th Sem	plastic in concrete.	Project	GNIOT, Greater Noida	4 months
	Sahaj Shandilya	1813200025	4th Year/8th Sem	STATE OF THE PARTY	Project	GNIOT, Greater Noida	4 months
14	Raj Goswami	1813200022	4th Year/8th Sem	Enhancement of Geotechnical	Project	GNIOT, Greater Noida	4 months
15	Sachin Yadav	1813200023	4th Year/8th Sem	Properties of Clayey Soil		GNIOT, Greater Noida	4 months
16	Raghvendra Singh	1813200021	4th Year/ 8th Sem	Using Rubber Scrap.	Project	GNIOT, Greater Noida	4 months
17	Shristi singh Yadav	1813200033	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
18	Aliyas Ali	1813200003	4th Year/ 8th Sem	Use of Waste and Polymer for	Project	GNIOT, Greater Noida	4 months
19	Faizan Ahmad	1813200007	4th Year/ 8th Sem	Soil Stabilization.	Project	GNIOT, Greater Noida	4 months
20	Md Aftab	1813200013	4th Year/ 8th Sem	- Son Stabilization.	Project	GNIOT, Greater Noida	4 months
21	Vishwajeet Mishra	1813200041	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
	Amit Kumar	1901320009002	4th Year/8th Sem	- n - 10 c - n	Project	GNIOT, Greater Noida	4 months
5.35.00	Amit Paswan	1901320009003	4th Year/8th Sem	Road Safety Plan in Hairpin	Project	GNIOT, Greater Noida	4 months
24	Arif Raza	1901320009004	4th Year/8th Sem	Curve.	Project	GNIOT, Greater Noida	4 months
	Kaushar Imam	1901320009005	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
26	Shubham Kumar	1901320009008			Project	GNIOT, Greater Noida	4 months
27	Amit jaiswal	1813200090	4th Year/8th Sem	Plan to control Bihar Flood.	Project	GNIOT, Greater Noida	4 months
	Suryakant Choubey	1813200038	4th Year/8th Sem	Te Control	Project	GNIOT, Greater Noida	4 months
	Ashish Goyanka	1813200005	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
	Md Aashique	1813200014		Comparative Study On The	Project	GNIOT, Greater Noida	4 months
	Sayeed Anwar	1813200014	4th Year/ 8th Sem	Cost Analysis of RCC and	Project	GNIOT, Greater Noida	4 months
	Sandeep Kumar Patel	1813200028	4th Year/ 8th Sem	Composite structure in India.	Project	GNIOT, Greater Noida	4 months
	Md Zeeshan	1813200026	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
	Sagar Kumar Malakar		4th Year/8th Sem	Design and development of	Project	GNIOT, Greater Noida	4 months
	Sourabh Singh	1813200024	4th Year/8th Sem	Design and development of Maglev Girder Bridge & Vehicle	Project	GNIOT, Greater Noida	4 months
	Sumit Saurabh	1901320009005	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
	Md Shareeb	1901320009008	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
	Sandeep Yadav	1813200015	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
	Srijan Saroj	1813200027	4th Year/ 8th Sem	Effects of Air Pollutants on Surface Water Contamination.	Project	GNIOT, Greater Noida	4 months
		1813200035	4th Year/8th Sem		Project	GNIOT, Greater Noida	4 months
41 F	Surya Pratap Singh	1813200037	4th Year/8th Sem			GNIOT, Greater Noida	4 months
	Himesh Pareek	1813200010	4th Year/8th Sem	Planning & Design of Road Transportation System in a Nearby Village.		GNIOT, Greater Noida	4 months
	Navneet Vinod Tiwari	1813200017	4th Year/8th Sem			GNIOT, Greater Noida	4 months
	Iarshraj Singh	1813200009	4th Year/8th Sem			GNIOT, Greater Noida	
_	Caushik Jha	1813200012	4th Year/8th Sem			GNIOT, Greater Noida	4 months
	Gourav Kumar	1813200008	4th Year/8th Sem			GNIOT, Greater Noida	4 months
	areez Naseem	1901320000001	3rd Year/ 5th Sem	Cost Benefit Analysis of		GNIOT, Greater Noida	4 months
	bhay Kumar	1901320000002	3rd Year/ 5th Sem	Earthquake Resistant		GNIOT, Greater Noida	4 months
_	bhishek	2001320009001	3rd Year/ 5th Sem			GNIOT, Greater Noida GNIOT, Greater Noida	4 months
	bhishek Singh	1901320000005	3rd Year/ 5th Sem			GNIOT, Greater Noida GNIOT, Greater Noida	4 months
_	ditya Jaiswal	2001320009002	3rd Year/ 5th Sem	<b>M</b>		GNIOT, Greater Noida GNIOT, Greater Noida	4 months
51 A	khilesh Kumar	1901320000007	3rd Year/ 5th Sem	T		GNIOT, Greater Noida	4 months



52	Amit Kumar Soni	2001320009005					
53	Amresh Kumar Sah	1901320009008		Corrosion Mechanism,	Mini Project	d GNIOT, Greater Noida	4 months
54	Ankita Rawat	1901320000009		Prevention & Repair	Mini Project	d GNIOT, Greater Noida	4 months
55	Anubhay Bhati	190132000000		Measures of RCC Structure	Mini Project		4 months
56	Arushi Singh		Car many sensitive provinces	Zero energy buildings	Mini Project	GNIOT, Greater Noida	4 months
57	Ashhar Neyaz	1901320000011			Mini Project		4 months
58	Ashutosh Kumar	1901320000012			Mini Project		4 months
59	Ashwani Neem	1901320000013			Mini Project		4 months
60	Babar Ahmad Saifi	1901320000014		Intelligent transport system	Mini Project		4 months
61	Chhote Lal Yaday	2001320009006			Mini Project		
62		2001320009007			Mini Project		4 months
63	Deepanshu Garg	2001320009008		GIS, GPS and its applications	Mini Project		4 months
64	Dhananjay Yadav	1901320000016	3rd Year/ 5th Sem		Mini Project		4 months
65	Diptanu Das	2001320009009	3rd Year/ 5th Sem	Application of remote sensing	Mini Project		4 months
	Faisal Ahmad	1901320000018	3rd Year/ 5th Sem	& GIS in groundwater	Mini Project		4 months
66	Gajum Ekke	1901320000019	3rd Year/ 5th Sem	prospecting	Mini Project		4 months
67	Hasan Sahreyar	1901320000020	3rd Year/ 5th Sem		Mini Project		4 months
68	Himanshu Kumar	1901320000021	3rd Year/ 5th Sem	Hydraulic & Hydrological	Mini Project		4 months
69	Honey Sharma	2001320009010	3rd Year/ 5th Sem	impacts on Bridges	Mini Project	GNIOT, Greater Noida	4 months
70	Hritik Srivastav	2001320009011	3rd Year/ 5th Sem				4 months
71	Jayvind Kumar Yadav	1901320000022	3rd Year/ 5th Sem	Ground improvement	Mini Project	GNIOT, Greater Noida	4 months
72	Krishna Kumar	1901320000023	3rd Year/ 5th Sem	techniques	Mini Project	GNIOT, Greater Noida	4 months
73	Kumar Priyanshu	1901320000024	3rd Year/ 5th Sem		Mini Project	GNIOT, Greater Noida	4 months
74	Manish Kumar	1901320000025	3rd Year/ 5th Sem	Critical evaluation of design	Mini Project	GNIOT, Greater Noida	4 months
75	Md Faizan Shamshi	2001320009013	3rd Year/ 5th Sem	methods in seismic zones	Mini Project	GNIOT, Greater Noida	4 months
76	Md Seraj Siddiquee	1901320000028			Mini Project	GNIOT, Greater Noida	4 months
77	Md Shaquib	1901320000029	3rd Year/ 5th Sem	Real-Time Automatic	Mini Project	GNIOT, Greater Noida	4 months
78	Md. Sadique Iqbal	1901320000029	3rd Year/ 5th Sem	Irrigation System	Mini Project	GNIOT, Greater Noida	4 months
	Mohammad Samar		3rd Year/ 5th Sem	A SHAPE HE BEST THE	Mini Project	GNIOT, Greater Noida	4 months
	Mohd Samad	2001320009014	3rd Year/ 5th Sem	Alternate And Low-Cost	Mini Project	GNIOT, Greater Noida	4 months
81	Mohd Talib	2001320009015	3rd Year/ 5th Sem	Construction Materials And	Mini Project	GNIOT, Greater Noida	4 months
-	Mohd. Ashar Khan	1901320000030	3rd Year/ 5th Sem	Techniques	Mini Project	GNIOT, Greater Noida	
	Mohsin Sarfaraz	2001320009016	3rd Year/ 5th Sem	Foilure - S.C	Mini Project	GNIOT, Greater Noida	4 months
		2001320009017	3rd Year/ 5th Sem	Failure of foundation due to	Mini Project	GNIOT, Greater Noida	4 months
85	Mrityunjay Mishra	1901320000031	3rd Year/ 5th Sem	earthquake	Mini Project	GNIOT, Greater Noida	4 months
	Mushrraf Ali	2001320009018	3rd Year/ 5th Sem		Mini Project	GNIOT, Greater Noida	4 months
	Nishant Kumar	1813200018	3rd Year/ 5th Sem	Technique for Improving	Mini Project		4 months
	Om Kumar Om	1901320000032	3rd Year/ 5th Sem	Railway Embankment	Mini Project	GNIOT, Greater Noida	4 months
	Piyush Kataria	2001320009019	3rd Year/ 5th Sem		Mini Project	GNIOT, Greater Noida	4 months
	Prabhakar Kumar	1901320000033	3rd Year/ 5th Sem	The rain roof water-harvesting	Mini Project	GNIOT, Greater Noida	4 months
	Pranav Kumar Jha	1901320000034	3rd Year/ 5th Sem	system	Mini Project	GNIOT, Greater Noida	4 months
	Rahul Kashyap	1901320000036	3rd Year/ 5th Sem			GNIOT, Greater Noida	4 months
	Raja Kumar	2001320009020	3rd Year/ 5th Sem	Underground Flood	Mini Project	GNIOT, Greater Noida	4 months
93 1	Rajak Ansari	2001320009021	3rd Year/ 5th Sem	Management System	Mini Project	GNIOT, Greater Noida	4 months
	Ramashankar Kumar	1901320000037	3rd Year/ 5th Sem		Mini Project	GNIOT, Greater Noida	4 months
95 F	Ravi Raman	1901320000038	3rd Year/ 5th Sem	SalarII , ,		GNIOT, Greater Noida	4 months
96 8	Sachin Gautam	1901320000041	3rd Year/ 5th Sem	Solar panelled roads		GNIOT, Greater Noida	4 months
	Sachin Kumar	1901320000042	3rd Year/ 5th Sem			GNIOT, Greater Noida	4 months
	alman Ali Khan	1901320000042	3rd Year/ 5th Sem	Cailless V 2		GNIOT, Greater Noida	4 months
	anket Sarower	1901320000043	The second secon	Soilless media for agriculture	Mini Project	GNIOT, Greater Noida	4 months
	hahid Mohi Ud Din	2001320009022	3rd Year/ 5th Sem			GNIOT, Greater Noida	4 months
	hahwez Saifi	2001320009022	3rd Year/ 5th Sem	Planning and Design of a	Mini Project	GNIOT, Greater Noida	4 months
	hakshi Kumari	1901320009023	3rd Year/5th Sem	Small Hydro Electric Project		GNIOT, Greater Noida	4 months
	hayban Akhtar		3rd Year/ 5th Sem	,		GNIOT, Greater Noida	4 months
	hivam Raj	1901320000046	3rd Year/ 5th Sem	Household water treatment		GNIOT, Greater Noida	4 months
	hivanshu Singh Pal	1901320000047	3rd Year/ 5th Sem			GNIOT, Greater Noida	
		1901320000048	3rd Year/ 5th Sem	- Torrural communities	Committee of the Commit	GNIOT, Greater Noida	4 months
	hreyash Singh	1901320000049	3rd Year/ 5th Sem	Colleges SW 115		GNIOT, Greater Noida	4 months
		1901320000050	3rd Year/ 5th Sem	Collapse of World Trade		GNIOT, Greater Noida	4 months
2 2		2001320009026	3rd Year/ 5th Sem	Center.	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT		4 months
	unmoon Kr	1901320000051	3rd Year/ 5th Sem		Charles and the same of the sa	GNIOT, Greater Noida	4 months
0 V		2001320009027	3rd Year/ 5th Sem	Causes, Prevention and		GNIOT, Greater Noida	4 months
	aheeduz Zama	2001320009028	3rd Year/ 5th Sem	- Pan or orders in Dunding		GNIOT, Greater Noida	4 months
		2001220000010		CONTRACTOR OF COMMENT AND ADDRESS OF THE PARTY OF THE PAR		GNIOT, Greater Noida	4 months
2 R	ahul Chaudhary	2001320000018	and rear/ 3rd Sem		Mini D.	TATION O	
2 Ra	avi Chaudhary	2001320000019	2nd Year/ 3rd Sem 2nd Year/ 3rd Sem		Mini Project (	GNIOT, Greater Noida	4 months
2 Ra 3 Ra 4 Su	avi Chaudhary ımit Singh Rawat			Preparation of Model of	Mini Project C	GNIOT, Greater Noida GNIOT, Greater Noida GNIOT, Greater Noida	4 months 4 months 4 months

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116	Terresit Teamin Tuday		2nd Year/ 3rd Sem	Preparation of Model of Hydraulic Powered Deck	Mini Project	GNIOT, Greater Noida	T 4 0
	- minum	2101320009026	2nd Year/ 3rd Sem		Mini Project	Troiding Troiding	
118		2101320009022	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
119		2101320009016	2nd Year/ 3rd Sem		Mini Project		4 months
120	- Training	2101320009021	2nd Year/ 3rd Sem	Preparation of Model of Signature Bridge	Mini Project		4 months
121	- I III	2001320000025	2nd Year/ 3rd Sem		Mini Project		4 months
122	- Truinui	2001320000023	2nd Year/ 3rd Sem				4 months
123	- morrison r rosmon	2001320000029	2nd Year/3rd Sem		Mini Project		4 months
124		2001320000017	2nd Year/ 3rd Sem	Preparation of Model of Types of Staircases	Mini Project		4 months
125	Tours william	2101320009024	2nd Year/ 3rd Sem		Mini Project		4 months
126		2001320000030	2nd Year/ 3rd Sem		Mini Project		4 months
127		2001320000031	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
128		2101320009028	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
129	Mohd. Muhaddis	2101320009018	2nd Year/ 3rd Sem	Preparation of Model of Different Types of Brick	Mini Project	GNIOT, Greater Noida	4 months
130	Shivani Singh	2101320009025	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
131	Pankaj Rawat	2101320009020	2nd Year/ 3rd Sem	Bonds	Mini Project	GNIOT, Greater Noida	4 months
132	Dev Sharma	2101320009006	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
133	Adarsh Babu	2001320000002	2nd Year/ 3rd Sem	Proporation of M. 1.1 CD:	Mini Project	GNIOT, Greater Noida	4 months
134	Mohd. Fasihuddin	2001320000011	2nd Year/ 3rd Sem	Preparation of Model of Rigid	Mini Project	GNIOT, Greater Noida	4 months
135	Md. Raja	2001320000013	2nd Year/ 3rd Sem	& Flexible Pavement	Mini Project	GNIOT, Greater Noida	4 months
136	Aman Gupta	2101320009002	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
137	Mohd. Mujtaba	2101320009015		Preparation of Plan View of	Mini Project	GNIOT, Greater Noida	4 months
138	KM Nainsi Singh	2101320009013	2nd Year/ 3rd Sem	GNIOT Main Building using	Mini Project	GNIOT, Greater Noida	4 months
139	KM Esha Singh	2001320000009	2nd Year/ 3rd Sem	Plane Table Surveying	Mini Project	GNIOT, Greater Noida	4 months
140	Kuldeep	2101320000009	2nd Year/ 3rd Sem	- more during	Mini Project	GNIOT, Greater Noida	4 months
141	Abhishek Kumar	2101320009012	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
142	Karsoni Dong	2101320009001	2nd Year/ 3rd Sem	Preparation of Model of	Mini Project	GNIOT, Greater Noida	4 months
143	Divyansh Deshwal		2nd Year/ 3rd Sem	Green Building	Mini Project	GNIOT, Greater Noida	4 months
144	Himanshu Kumar	2101320009007	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
145	Gautam Kumar	2001320000006	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
146	Kumar Rupesh	2101320000003	2nd Year/ 3rd Sem	Preparation of Model of an	Mini Project	GNIOT, Greater Noida	4 months
147	Khushnood Alam	2101320009013	2nd Year/ 3rd Sem	Airport	Mini Project	GNIOT, Greater Noida	4 months
148	Goldy Shandilya	2001320000008	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
149	Gaurav Sharma	2101320009008	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	
150	Aditya Shekhar Yadav	2101320009009	2nd Year/ 3rd Sem	Preparation of Model of Hydro-electric Power Plant	Mini Project	GNIOT, Greater Noida	4 months
151	Himanshu Singh	2001320000003	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
152	Samuel Malling	2001320000007	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
153	Muita Jamatia	2101320009023	2nd Year/ 3rd Sem	Preparation of Madalas	Mini Project	GNIOT, Greater Noida	4 months
154	Mehul Dev	2101320009019	2nd Year/ 3rd Sem	Preparation of Model of Earthquake Resistant Floating Building	Mini Project	GNIOT, Greater Noida	4 months
155		2001320000016	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
156	Lakshya Malviya	2001320000010	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
157	Afroj Ansari	2001320000004	2nd Year/ 3rd Sem	Preparation of Model of Different Types of Trusses	Mini Project	GNIOT, Greater Noida	4 months
158	Ambika Barman	2101320009003	2nd Year/ 3rd Sem		Mini Project	GNIOT, Greater Noida	4 months
159	Md. Argam Shams	2101320009005	2nd Year/ 3rd Sem			GNIOT, Greater Noida	4 months
160	Md. Arbaz	2101320008001	2nd Year/ 3rd Sem	Preparation of Model of		GNIOT, Greater Noida	4 months
161	Md. Moien Raja	2101320009014	2nd Year/ 3rd Sem	Different Types of		GNIOT, Greater Noida	4 months
	Aquib Jamal	2101320009004	2nd Year/ 3rd Sem	Foundations		GNIOT, Greater Noida	4 months
162	Md. Shagil Anwar	2101320009016	2nd Year/ 3rd Sem	Preparation of Model of		GNIOT, Greater Noida	4 months
163	Tabish Akhtar	2101320009027	2nd Year/ 3rd Sem	Cross-sectional view of a		GNIOT, Greater Noida	4 months
164	Rohit Pal	2001320000021	2nd Year/ 3rd Sem	Railway Track and different		GNIOT, Greater Noida	4 months
165	Sarthak Raghav	2001320000024	2nd Year/ 3rd Sem	types of rails		GNIOT, Greater Noida	4 months
				types of falls	with Project	GNIOT, Greater Noida	1 4 months

Director Noida & Greater Noida

Head Department of Civil Engineering

Greater

#### GREATER NOIDA INSTITUTE OF TECHNOLOGY PLOT NO. 7, K.P. II, GREATER NOIDA, UP-201310

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, UP (Formerly Known as Uttar Pradesh Technical University, Lucknow)



#### **CERTIFICATE**

This is to certify that the report entitled "Analysis of Highly Congested Road Intersection And Proposal of Grade Separartion" is submitted by Karan Dubey, Atul Bodung, Bhavesh Kumar, Abdul Rehman in partial fulfilment of the requirement for the award of degree of Bachelor Of Technology in Department of Civil Engineering from Greater Noida Institute Of Technology, Affiliated Dr. A.P.J. Abdul Kalam Technical University, Lucknow is record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

MR. SAURAV YADAV

(Supervisor) Coordinator

(Asst. Professor)

(Mr. ARVIND KUMAR)

Project Coordinator auid

(Asst. Professor)

(DR. R.K. SHARMA)

for WHOD Civil Dept,

II

PLOT NO. 7, K.P. II, GREATER NOIDA, UP-201310

Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow, UP (Formerly known as Uttar Pradesh Technical University, Lucknow)



#### CERTIFICATE

This is to certify that the report entitled "Preparing Standard Concrete using Copper Slag" is submitted by Ranjeet Kushwaha, Pradeep Verma, Aditya Sinha and Abhinav Kumar Sinha in partial fulfilment of the requirement for the award degree of Bachelor of Technology in Department of Civil Engineering from Greater Noida Institute of Technology, affiliated by Dr. A.P.J Abdul Kalam Technical University, Lucknow is record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any degree.

Mr.Saurav Yadav

Assistant Professor

Project Coordinator

**Civil Engineering Department** 

G.N.I.O.T. Greater Noida

Prof.(Dr.) R. K. Sharma

Professor & Head

Civil Engineering Department

G.N.I.O.T. Greater Noida

62/06/22 (External

PLOT NO. 7, K.P. II, GREATER NOÍDA, UP-201310

Affiliated to Dr. A.P.J. Abdul Kalam Technical Uñiversity, Lucknow, UP (Formerly Known as Uttar Pradesh Technical University, Lucknow)



#### **CERTIFICATE**

This is to certify that the report entitled "Partial Replacement Of Coarse Aggregate With Soft And Hard Plastic" is submitted by PARWEZ ALAM, SHANKAR PRAKASH, ATUL SAXENA, SHIVAM Kr. JAISWAL in partial fulfilment of the requirement for the award of degree of Bachelor Of Technology in Department of Civil Engineering from Greater Noida Institute Of Technology, Affiliated Dr. A.P.J. Abdul Kalam Technical University, Lucknow is record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

(Mr. SAURAV YADAV)

Project Guide

(External Examiner Sign. with Date)

· (= (HOD-C).

Greater No

Plot no. 7, Knowledge Park - 2, Greater Noida, U.P(201310)

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, (Formerly Uttar Pradesh Technical University, Lucknow, U.P)



#### CERTIFICATE

This is to certify that project report entitled "Enhancement In Mechanical Properties Of Concrete By Silica Fumes" which is submitted by Raghvendra Singh, Raj Goswami, Sachin Yadav and Sahaj Shandilya in partial fulfilment of the requirements for the award of degree Bachelor of Technology in Department of Mechanical Engineering from Greater Noida Institute of Technology, affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

Mr. Arvind Kumar

Project Guide

Mr. Saurav Yadav

Project Coordinator

Dr. Rajesh Kr. Sharma

Protessor& Head

#### GREATER NOIDA INSTITUTE OF TECHNOLOGY PLOT NO. 7,K.P. II, GREATER NOIDA,UP-201310

Affiliated to Dr.A.P.J.Abdul Kalam Technical University, Lucknow, UP (Formerly known as Uttar Pradesh Technical University, Lucknow)



#### CERTIFICATE

This is to certify that the project work entitled "STUDY USING WASTE AND POLYMER FOR SOIL STABILIZATION" carried out by SHRISTI SINGH YADAV, MD AFTAB ,FAIZAN AHMAD and ALIYAS ALI, are bonafide students of "Greater noida institute of technology", In Partial fulfillment for the award of the "Degree of Bachelor ofTechnology". Prescribed by APJ Abdul Kalam technical university, Lucknow during the academic year 2019-2022. It is certified that all the suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it certifies the academic requirements in respect of project work prescribed for the said degree.

İI

(Ms. TARANPREET KAUR)

Guide

(Mr. SAURAV YADAV)

Coordinator

(Dr. R.K SHARMA)

Prof. & Head Chine

#### GREATER NOIDA INSTITUTE OF TECHNOLOGY PLOT NO.7, K.P.II, GREATER NOIDA, UP-201310

Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow (Formerly Known as Uttar Pradesh Technical University, Lucknow, UP)



#### **CERTIFICATE**

This is to certify that the project report entitled "Road Safety Plan In . Hairpin Curve" which is submitted by Amit Paswan, Arif Raza, Vishwajeet Mishra, Amit Kumar in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Department of Civil Engineering from Greater Noida Institute of Technology, Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

Supervisor

Assistant Professor

Dept of Civil Engineering

Mr. Sawan fodow)

Project Coorditator

Assd. Inf.

(Dr. R.K. Sharma)

Prof. & HOD

Dept of Civil Engineering

GREATER NOIDA INSTITUTE OF TECHNOLOGY PLOT NO. 7, K.P. II, GREATER NOIDA, UP-201310 Affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow, UP (Formerly known as Uttar Pradesh Technical University, Lucknow)



#### CERTIFICATE

This is to certify that project report entitled "Plan to Control Bihar Flood" which is submitted by Kaushar Imam, Shubham Kr. Singh, Amit Jaiswal, Suryakant Choubey in partial fulfilment of the requirements for the award of degree Bachelor of Technology in Department of Civil Engineering from Greater Noida Institute of Technology, affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

Mr. Shashikant Shukla

Project Guide

Mr. Anuj Kr. Sharma **Project Coordinator** 

Dr. Rajesh Kr. Sharma

- Professor & Head

PLOT NO. 7, K.P. II, GREATER NOIDA, UP-201310

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, UP
(Formerly Known as Uttar Pradesh Technical University, Lucknow)



#### **CERTIFICATE**

This is to certify that the report entitled "Comparative Study on the Cost Analysis of RCC and Composite Structure in India" is submitted by Ashish Goyanka, Md. Aashique, Sandeep Kumar Patel and Sayeed Anwar in partial fulfilment of the requirement for the award degree of Bachelor of Technology in Department of Civil Engineering from Greater Noida Institute of Technology, affiliated by Dr. A.P.J Abdul Kalam Technical University, Lucknow is record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any degree.

(Mr. Anuj Kumar Sharma) Project Guide

(External Examiner Sign. with Date)

(Dr. R.K. SHARMA)

\$ G18916

#### GREATER NOIDA INSTITUTE OF TECHNOLOGY PLOT NO.7, K.P.II, GREATER NOIDA, UP-201310

Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow (Formerly Known as Uttar Pradesh Technical University, Lucknow, UP)



This is to certify that the project report entitled "Design & Development of Maglev Girder Bridge & Vehicle" which is submitted by Md Zeeshan Alam, Sagar Kumar Malakar, Sumit Saurabh, and Sourabh Singh in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Department of Civil Engineering from Greater Noida Institute of Technology, Affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow is a record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree in whole or in part.

(Mr. Tabish Quadri)

Assistant Professor

Project Guide/Supervisor

Mr. Anuj Sharma Assistant Professor

Project Coordinator

Place: Greater Noida

Date: June 2022

Dr. Rajesh Kumar Sharma

Professor and Head

PLOT NO.7 K.P.II, GREATER NOIDA UP-201310

Affiliated to Dr. A.P.J Abdul Kalam Technical University, LUCKNOW

(Formerly Known As Uttar Pradesh Technical University Lucknow, UP)



#### CERTIFICATE

This is to certify that project report entitled "EFFECT OF AIR POLLUTANT ON WATER SURFACE CONTAMINATION" which is submitted by MdShareeb (1813200015), Srijan Saroj(1813200035), Surya Pratap Singh(1813200037), Sandeep Yadav (1813200027) in partial fulfilment of the requirement for the award of degree Bachelor of Technology in department of Civil Engineering from Greater Noida Institute of Technology, affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow is a record of the candidates, on work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

Mekharaj Kunwar Chhetri

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Project Guide

(Assistant Professor)

**Project Coordinate** 

01/06/2022

(Assistant Professor)

Anuj Sharma

Dr.Rajesh Kumar Sharma

(HOD & Professor)

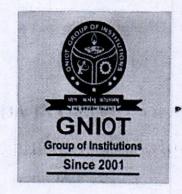
Page | ii

PLOT NO. 7, K.P. II, GREATER NOIDA, UP-201310

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow,

UP

(Formerly Known as Uttar Pradesh Technical University, Lucknow)



#### **CERTIFICATE**

This is to certify that the report entitled "DESIGN OF ROAD AND TRANSPORTATION SYSTEM IN SURAJKUND AREA (FARIDABAD)" is submitted by Himesh Pareek, Harshraj Singh, Navneet Vinod Tiwari, Gourav Upadhyay, Kaushik Jha in partial fulfilment of the requirement for the award of degree of Bachelor Of Technology in Department of Civil Engineering from Greater Noida Institute Of Technology, Affiliated Dr. A.P.J. Abdul Kalam Technical University, Lucknow is record of the candidates own work carried out by them under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

(Ms. Shreeja Kacker)

Supervisor

(Mr. Anuj Kumar Sharma)

Co-ordinator

(DR. R.K.



#### ग्रेटर नोएडा इंस्टीट्यूट ऑफ ट्रेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट) GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

#### CERTIFICATE OF COMPLETION

This is to certify that Aareez Naseem (1901320000001), Abhay Kumar (1901320000002), & Abhishek (2001320000001), 3<sup>RD</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Cost Benefits Analysis of Earthquake Resistant Structure' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03. 22

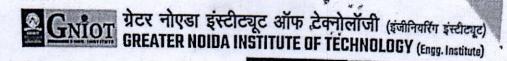
Syed Tabish Quadri



This is to certify that Abhishek Singh (1901320000005), Aditya Jaiswal (2001320009002), & Akhilesh Kumar (1901320000007), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Development of Remote Monitoring System for Civil Engineering' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

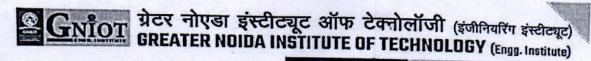
Date: 28.03 .22

Syed Tabish Quadri



This is to certify that Amit Kumar Soni (2001320009005), Amresh Kumar Shah (1901320000008), & Ankita Rawat (1901320000009), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Corrosion Mechanism, Prevention & Repair Measures of RCC Structure' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.22



This is to certify that Anubhav Bhati (1901320000010), Arushi Singh (1901320000011), & Ashhar Neyaz (1901320000012), 3rd year, B.Tech, Department of Civil Engineering have completed their project work titled 'Zero energy buildings' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.22



This is to certify that Ashutosh Kumar (1901320000013), Ashwani Neem (1901320000014), & Babar Ahmad Saifi (2001320009006), 3rd year, B.Tech, Department of Civil Engineering have completed their project work titled 'Intelligent transport system' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester. Takah gradud

Date: 28.03.22



This is to certify that Chhote Lal Yadav (2001320009007), Deepanshu Garg (2001320009008), & Dhananjay Yadav (1901320000016), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'GIS, GPS and its applications' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

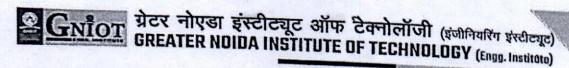
Date: 28.03.22

# GNIOT ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इजीनियरिंग इंस्टीट्यूट) GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

#### CERTIFICATE OF COMPLETION

This is to certify that Deeptanu Das (2001320009009), Faisal Ahmad (1901320000018), & Gajum Ekke (1901320000019), 3rd year, B.Tech, Department of Civil Engineering have completed their project work titled 'Application of remote sensing & GIS in groundwater prospecting' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.22



This is to certify that Hasan Shahreyar (1901320000020), Himanshu Kumar (1901320000021), & Honey Sharma (2001320009010), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Hydraulic & Hydrological impacts on bridges' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.22

Syed Tabish Quadri



This is to certify that Hritik Srivastav (2001320009011), Jayvind Kumar Yadav (1901320000022), & Krishna Kumar (1901320000023), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Ground improvement technique' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.22

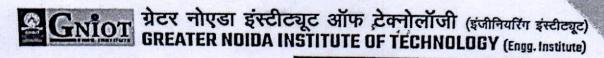
Syed Tabish Quadri



This is to certify that Kumar Priyanshu (1901320000024), Manish Kumar (1901320000025), & Md Faizan Shamshi (2001320009013), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Critical evaluation of design methods in seismic zones' our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.22

Syed Tabish Quadri



This is to certify that Md Seraj Siddiquee (1901320000028), Md Shaquib (1901320000029), & Md Sadique Iqbal (1901320000026), 3rd year, B.Tech, Department of Civil Engineering have completed their project work titled' 'Real-TIME Automatic Irrigation System' our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth John Quadri semester.

Date: 28.03.22

Syed Tabish Quadri

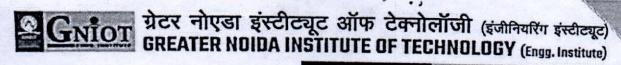
(Project Coordinator)

Greater No



This is to certify that Mohammad Samar (2001320009014), Mohd Samad (2001320009014), & Mohd Talib (1901320000030), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Alternate and Low-Cost Construction Materials and Techniques' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.2022



This is to certify that Mohd Ashar Khan (2001320009016), Mohsin Sarfaraz (200132000917), & Mrityunjay Mishra (1901320000031), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Failure of foundation due to earthquake' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.2022

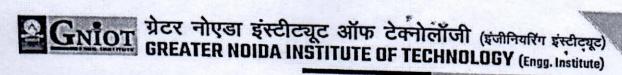
creating and the street



This is to certify that Musarraf Ali (2001320009018), Nishant Kumar (1813200018), & Om kumar Om (1901320000032), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Technique for Improving Railway Embankment' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.2022

Mekharaj K. Chhetri



This is to certify that Piyush Kataria (2001320009019), Prabhakar Kumar (1901320000033), & Pranav Kumar Jha (1901320000034), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'The rain roof water-harvesting system' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

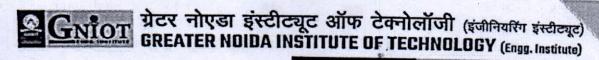
Date: 28.03. 2022



This is to certify that Rahul Kashyap (1901320000036), Raja Kumar (2001320009020), & Rajak Ansari (2001320009021), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Underground Flood Management System' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.2022



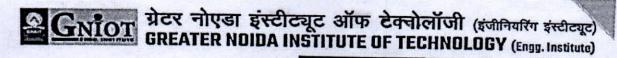


This is to certify that Ravi Raman (1901320000038), Sachin Gautam (191320000041), & Ramashankar Kumar (1901320000037), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Solar panelled roads' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03. 2022

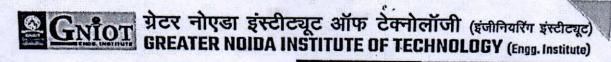
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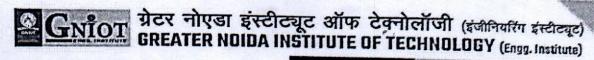
This is to certify that Sachin Kumar (1901320000042), Salman Ali Khan (191320000043), & Sanket Srower (1901320000044), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Soilless media for agriculture' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28,03.2022



This is to certify that Shahid Mohi Ud Din (2001320009022), Shahwez Saifi (2001320009023), &Shakshi Kumari (1901320000045), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Planning and design of a small hydro electric project' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03.2022



This is to certify that Shayban Akhtar (1901320000046), Shivam Raj (1901320000047), & Shivanshu Singh Pal (1901320000048), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Household water treatment unit for rural communities' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 28.03. 2022

Mekharaj K. Chhetri (Project Coordinator)

Greater N



This is to certify that Shreyash Singh (191320000049), Sumit (1901320000050), & Sunil Kumar (2001320009026), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Collapse of World Trade Center' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

211

Date: 28.03. 2022

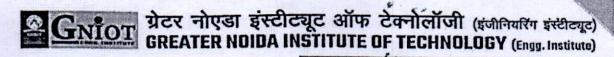
Mekharaj K. Chhetri



This is to certify that Sunmoon Kumar (1901320000051), Vishal Singh (2001320009027), & Waheeduz Zama (2001320009028), 3<sup>rd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Causes, Prevention and Repair of Cracks in Building' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-554) in fifth semester.

Date: 20.03. 2022

Mekharaj K. Chhetri



This is to certify that Rahul Chaudhary (2001320000018), Ravi Chaudhary (2001320000019), Sumit Singh Rawat (2001320000028) & Rohit Raj (2001320000022), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Bubble Deck Slab' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Ritesh Kumar Yadav (2001320000020), Simran (2101320000026), Rahul Kumar (2101320000022) & Mohd Mairajuddin (2101320000016), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Hydraulic Powered Deck' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

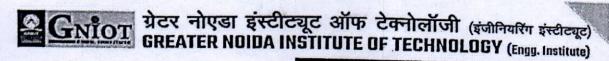
Shreeja Kacker



This is to certify that Pradeep Kumar (2101320009021), Shabir Ali (2001320000025), Sanjeev Kumar Kamboj (2001320000023) & Taslim Ashraf (2001320000029), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Signature Bridge' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Nadeem Ishan (2001320000017), Shivam Singh (2101320000024), Tejasv Anand Sharma (2001320000030) & Zubair Siddiqui (2001320000031), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Types of Staircases' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker

(Project Coordinator)

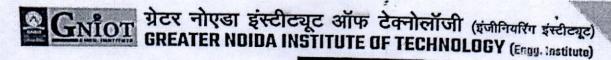
Greater!



This is to certify that Vaibhav Singh (2101320009028), Mohd Muhaddis Khan (2101320009018), Shivani Singh (2101320009025) & Pankaj Rawat (2101320009020), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Different Types of Brick Bonds' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Dev Sharma (2101320009006), Adarsh Babu (2001320000002), Mohd. Fasihuddin (2001320000011) & Md. Raja (2001320000013), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Rigid & Flexible Pavement' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Aman Gupta (2101320009002), Mohd Mujtaba (2101320000015), KM Nainsi Singh (2101320000011) & KM Esha Singh (2001320000009), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Plan View of GNIOT Main Building using Plane Table Surveying' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker

PP -5"



This is to certify that Kuldeep (2101320009012), Abhishek Kumar (2101320009001), Karsoni Dong (2101320009010), & Divyansh Deshwal (2101320009007), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Green Building' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03. 2022

Shreeja Kacker

(Project Coordinator)

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This is to certify that Himanshu Kumar (2001320000006), Gautam Kumar (2001320000005), Kumar Rupesh (2101320000013) & Khushnood Alam (2001320000008), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of an Airport' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Goldy Shandilya (2101320009008), Gaurav Sharma (2101320009009), Aditya Shekhar Yadav (2001320000003) & Himanshu Singh (2001320000007), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Hydroelectric Power plant' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Samuel Malling (2101320009023), Muita Jamatia (2101320009023), Mehul Dev (2001320000016) & Lakshya Malviya (2001320000010), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Earthquake Resistant Floating Building' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Afroj Ansari (2001320000004), Ambika Barman (2101320009003) & Md. Arqam Shams (2101320009005), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Different Types of Trusses' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Md. Arbaz (2101320008001), Md. Moien Raja (2101320009014) & Aquib Jamal (2101320009004) 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Different Types of Foundation' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker



This is to certify that Md. Shagil Anwar (2101320009016), Tabish Akhtar (2101320009027), Rohit Pal (2001320000021) & Sarthak Raghav (2001320000024), 2<sup>nd</sup> year, B.Tech, Department of Civil Engineering have completed their project work titled 'Preparation of Model of Cross Sectional View of a Railway Track and Different Types of Rails' in our department from September, 2021 to March, 2022 as part of their Mini Project curriculum (KCE-354) in third semester.

Date: 25.03.2022

Shreeja Kacker