INNOVATIVE SOIL STABILIZATION: HARNESSING WASTE MATERIALS FOR SUSTAINABLE DEVELOPMENT

Submitted in partial fulfillment of the requirement for the degree of Bachelor of Technology in Civil Engineering

By

Vidhan Yadav

(2000270000053)

Kartik Mittal

(2000270000021)

Shashikant Yadav

(2000270000044)

Yatendra Singh

(2000270000055)

Mohd. Faizan

(2000270000028)

Under the supervision of

Mr. Priyank Srivastava

Assistant Prof., Civil Engineering Department, AKGEC



AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD

Dr. A.P.J. Abdul Kalam Technical University

May 2024



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Project Report On

SEISMIC PERFORMANCE OF SHEAR WALL IN MULTISTOREY BUILDING

Submitted in Partial Fulfillment of the Requirements for the Degree of B.Tech. in Civil Engineering By:

Mitendra Yadav	(2000270000027)
Neelesh Mishra	(20002700000029)
Sandeep Tyagi	(2000270000039)
Ritesh Chauhan	(2100270009007)
Kuldeep Singh	(2000270000024)
Gaurav Kumar Singh	(2100270009004)

Under the Supervision of

Mr. Atri Tyagi

Assistant Professor, CE Department, AKGEC



AJAY KUMAR GARG ENGINEERING COLLEGE GHAZIABAD 27th Km. Stone, NH-24, Delhi-Hapur Bypass Road, Adhyatmik Nagar, Ghaziabad-201009

DR. A. P. J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

November, 2023

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27th Km Stone, Delhi - Hapur Bypass Road, Adhyatmik Nagar, Ghaziabad-201009Dr.

A.P.J. Abdul Kalam Technical University, Lucknow

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A Project Report

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Ardsh Aggarwal 2000270000015
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Wadhuri Singh 2100270009005
Saurabh Kumar Shukla 2100270009008
Vipul Verma 2100270009011

Under the supervision of

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Ajay Kumar Garg Engineering College, Ghaziabad27th Km Stone, Delhi - Hapur Bypass Road, Adhyatmik Nagar, Ghaziabad 201009 Dr. A.P.J. Abdul Kalam Technical University, Lucknow. June ,2024



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DESIGN AND FABRICATION OF CIVIL 3D PRINTER

A PROJECT REPORT Submitted By

Ankit Sharma (2000270000010)

Anshul Bhardwaj ((2000270000011))

Divymudra (2000270000017)

Shubham Singh (2000270000047)

Tushar Singh

(2000270000051)

Avantika Saini (2100270009003)

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Technology in Civil Engineering

to Mrs. Nikita Jaiswal Dr.Pradeep Jain



Department of Civil Engineering
AJAY KUMAR GARG ENGINEERING COLLEGE,
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Director
Ajay Kumar Garg Engg. College

ANALYSIS AND COMPARISON OF WIND LOAD OF DIFFERENT HIGH RISE BUILDINGS IN DIFFERENT TOPOGRAPHY USING STAAD PRO

A Project Report

Submitted in partial fulfilment of the requirements for the degree of

BACHELOR OF TECHNOLOGY

in

Civil Engineering

By

Aditya Singh	(2000270000005)
Dhirendra Pratap Singh Pal	(2000270000016)
Ritik Singh	(2000270000037)
Tanu Pandey	(2000270000050)
Anurag Srivastav	(2100270009002)

Under the Supervision of Mr. Atri Tyagi Assistant Professor CE Department



AJAY KUMAR GARG ENGINEERING COLLEGE, CHAZIABAD DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW UP

JUNE, 2024



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JUNE, 2024

Project 1D: 28-24/CE/Ge

A PROJECT THESIS ON EXPERIMENTAL STUDY O PLASTIC BRICKS MADE FROM WASTE PLASTICS

Submitted
for fulfilment of the award of
Bachelor of Technology
in
Civil Engineering
by

Aayush Shukla (2000270000001)
Akhilesh Kumar (2000270000007)
Harsh Dubey (2000270000019)
Prasoon Agnihotri (2000270000033)
Mulayam Singh Yadav 2100270009006
Suraj Kumar 2100270009010

Under the guidance of Ms. Anubha Gupta
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Ajay Kumar Garg Engineering College, Ghaziabad 27th Km Stone, Delhi - Hapur Bypass Road, Adhyatmik Nagar, Ghaziabad 201009 Dr. A.P.J. Abdul Kalam Technical University, Lucknow May, 2024



A PROJECT THESIS ON Experimental Studies On Pervious Concrete

Submitted for fulfillment of award of Bachelor of Technology

CIVIL BNCINEBRING

b

Krishna Pratap Singh Chauhan (20002700000028)
Keertiker Singh (2000270000022)
Pradyuman Yadav (2000270000031)
Priyanshu Thakur (2000270000034)
Anand Vardhan Mishra (2000270000000)

Under the guidance of Mrs. Anchal Negi

to



AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD

May, 2024



A PROJECT THESIS ON

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AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD

May, 2024



PROJECT REPORT

on

ANALYSIS AND DESIGN OF VARIOUS GEOMETRIC FEATURES OF HIGHWAY REMOTELY USING CIVIL 3D

A Project Report submitted in partial fulfilment of requirements for the award of the Degree of

Bachelor of Technology

in

Civil Engineering



SUBMITTED BY:

SHEKHAR SRIVASTAVA (2000270000045)
 NIDHI KATIYAR (2000270000030)
 SHASHANK UPADHYAY (20002700000043)
 AMRIT PRATYAY (2000270000008)
 LAKSHYA MITTAL (2000270000026)

SESSION: 2023-24

SUBMITTED TO:

Department of Civil Engineering

AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD UP (201009)



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SESSION: 2023-24

SUBMITTED TO:

Department of Civil Engineering

AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD UP (201009)

June 2024

A Project Synopsis On

MEASURING OF CO2 AND MOISTURE CONTENT WITH AN ARDUINO

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE OF

Bachelor of Technology In Civil Engineering

BY

SHADAB KHAN (2000270000041)

ARMAN ALI (2000270000013)

ARYAN DEV (1900270000023)

ANUBHAV RAWAT (2000270000012)

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ABHINAV PATEL (2100270009001)

UNDER THE GUIDANCE OF MR. ASHISH VISHWAKARMA AND MS. NIKITA JAISWAL



DEPARTMENT OF CIVIL ENGINEERING

AJAY KUMAR GARG ENGINEERING COLLEGE GHAZIABAD

201009, UTTAR PRADESH

MAY 2024



A Project Synopsis

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DEPARTMENT OF CIVIL ENGINEERING AJAY KUMAR GARG ENGINEERING COLLEGE GHAZIABAD 201009, UTTAR PRADESH **MAY 2024**

Ajay Kumar Garg Engg. College

Project Report On

ESTIMATION OF GREEN BUILDING OVER CONVENTIONAL BUILDING

Submitted in Partial Fulfillment of the Requirements for the Degree of B Tech. in Civil Engineering

By:

Shashank Garg (2000270000042)

Abhijeet Yadav (2000270000002)

Shreeya Mishra (2000270000046)

Aditya Chaurasiya (2000270000003)

Ritanshu Singh (2000270000036)

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Under the Supervision of

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May, 2024



Project Report

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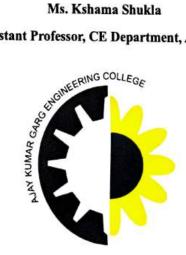
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Ajay Kumar Garg Engg. College

PROJECT REPORT

ON

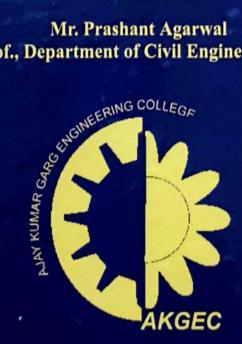
TOPOGRAPHICAL SURVEYING USING TOTAL STATION IN CIVIL 3D

Submitted in partial fulfillment of the requirements for the degree of B. Tech in Civil Engineering by:

SHUBHAM TIWARI YIKAS CHAUDHARY SAMIR RAJ HARDIK KUMAR SUDHANSHU SINGH SHIV SEVAK 2000270000048 2000270000054 2000270000038 2000270000018 2000270000049 2100270009009

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Director

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ad-201009

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