





DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled ANALYSIS AND DESIGN OF HIGH RISE BUILDING USING STAAD PRO is being submitted by Jagadeesh (1602-21-732-018), Phani kumar (1602-21-732-028), Shirisha (1602-21-732-042) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500 031 is a record of bonafide work carried out by him / her under our guidance.


Dr.C.Mohanlal
Project Guide
Dept. of Civil Engineering


Dr. B.Sridhar
Head of the Department
Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD
CERTIFICATE

This is to certify that the Project work entitled **“Mechanical Properties of Triple-Blended Recycled Aggregate Concrete with PP Fibers”** is being submitted by **Perka Kiran Kumar (1602-21-732-021); Narala Sai Harshith Reddy (1602-21-732-025); Kotte Nishanth (1602-21-732-027)** in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering, Vasavi College of Engineering (A) (Affiliated to Osmania University), Ibrahimbagh, Hyderabad 500 051 is a record of bonafide work carried out by them under our guidance.

Dr. M.V.S.S.Sastri
Associate Professor
Project Guide

Dr. B.Sridhar
Professor & Head
Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Theme Based Project work entitled **“CEMENT GROUTED BITUMINOUS MIX”** is being submitted by Ds. Indu (1602-21-732-017) P. Sujatha (1602-21-732-052) Y. Swapna Rani (1602-21-732-054) in partial fulfillment for the award of **“Bachelor of Engineering in Civil Engineering”** Vasavi College of Engineering (Affiliated to Osmania University), Ibrahim Bagh, Hyderabad 500 031 is a record of Bonafide work carried out by him/her under our guidance.

DR. B. Sridhar
Head of the Department
Dept. of Civil Engineering

DR. B. Sridhar
Project Guide
Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING, (AUTONOMOUS)
IBRAHIMBAGH, HYDERABAD - 500031

CERTIFICATE

This is to certify that the project work entitled “Improving safety in construction industries” is being submitted by **G.Ananya, G.Bharath kumar, K.Prasanna** in Civil Engineering Department, Vasavi College of Engineering(Affiliated to Osmania University),Ibrahimbagh, Hyderabad, 500031 is a record of Bonafide work carried out by him/her under our guidance.

R. SOWMYA

Assistant professor

Project guide

Dr.B.SRIDHAR

Head of department

Dept of civil engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled "**Finite Element Analysis of RCC Beam Using ABAQUS**" is being submitted by Ms. G. Sravanthi (1602-21-732-050), Ms. M. Deekshitha Vardhini (1602-21-732-013), M. Rajashekar (1602-21-732-032) in the partial fulfilment for the award of Bachelor of Engineering in Civil Engineering, Vasavi College of Engineering (AUTONOMOUS), Ibrahim bagh, Hyderabad 500 031 is a record of Bonafide work carried out by him/her under our guidance.


Sri. Dr. S. Vijaya Kumar

Project Guide
Dept. of Civil Department



Dr. B. Sridhar
Head of the Department
Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled is “Investigation of groundwater quality in and around Balanagar industrial area of Hyderabad city” being submitted by K.Badhu and S. Sri Vardhan in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by him / her under our guidance.

Mr. B. Jagadeesh
Project Guide
Dept. of Civil Engineering

Dr. B. Sridhar
Head of the Department
Dept. of Civil Engineering



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD**

CERTIFICATE

This is to certify that the Project work entitled **Evaluating Reliability and Efficiency of Public Bus Transport Networks in Hyderabad** is being submitted by Gunda Siddhanth (1602-21-732-045), Doosa Siddharth(1602-21-732-046) and Yeruva Teja Rishith Reddy (1602-21-732-055) in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by him/her under our guidance.

DR.K.JAYASREE

Project Guide

Dept. of Civil Engineering

DR.B.SRIDHAR

Head of the Department

Dept. of Civil Engineering



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD**

CERTIFICATE

This is to certify that the Project work entitled **Estimation of runoff using SCS-CN method in ARCGIS** is being submitted by Ms. Lamiya Tabassum (1602-21-732-023) , Shaik Zaid (1602-21-732-301) and M.Naga Harshitha (1602-21-732-307) fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by him / her under our guidance.

**Dr. Swarnadeepa Chakraborty
Project Guide
Dept. of Civil Engineering**

**Dr. B. Sridhar
Professor & Head of the Dept.
Dept. of Civil Engineering**



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
HYDERABAD
CERTIFICATE

This is to certify that the project work entitled “studies on behavioural characteristics of suction anchors subjected to pull-out loads” is being submitted by **R. Keerthana Jasmin (1602-21-732-020)**, **B. Suvarna (1602-21-732-053)**, **B. Vijay (1602-21-732-059)** in partial fulfilment for the award of bachelor of engineering in Civil Engineering Department, Vasavi College of Engineering (Affiliated to Osmania University), Ibrahimbagh, Hyderabad 500031 is a record of Bonafide work carried out by him/her under our guidance.


Dr.G.Srinivas

Associate professor

Department of civil engineering

Vasavi college of engineering


Dr.B.Sridhar

Head of the department

Department of civil engineering

Vasavi College of engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Final Project work entitled “MITIGATION OF RAINFALL INDUCED EROSION USING MICROBIAL INDUCED CARBONATE PRECIPITATE” is being submitted by Mr. Kalyan naik, Mr. S T Nihal and Mr. S. Sai Saketh, in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500 031 is a record of bonafide work carried out by him / her under our guidance.


Mr. S KESAV KUMAR.

(Assistant Professor)

Dept. of Civil Engineering


DR. B. SRIDHAR

Head of department

Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING,
HYDERABAD

CERTIFICATE

This is to certify that the project work entitled “**MITIGATION OF WIND AND RAINFALL INDUCED EROSION USING ENZYME INDUCED CARBONATE PRECIPITATION**” is being submitted by **Maloth Bharath, Ramavath Sindhu, Marri Sreeja** in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahim Bagh, Hyderabad, 500031 is a record of Bonafide work carried by them under our guidance during the academic year **2024-2025**.

MR. S KESAV KUMAR
PROJECT GUIDE

Dept. of Civil Engineering

DR. B. SRIDHAR
HEAD OF DEPARTMENT

Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING,(AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the project work entitled “Optimization of Transmission Line Tower using STAAD PRO” is being submitted by **K. ARAVIND KUMAR, A. DHARANI, S. MANOHAR RAJU** in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by him/her under our guidance.


Dr. C.MOHAN LAL

Associate Professor

Project Guide

Dept. of Civil Engineering



Dr. B.SRIDHAR

Head of the Department

Dept. of Civil Engineering




DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled “Analysis and practical execution of Bidding, Estimation and Tendering for a building – Saving Mercy Village” is being submitted by N. Abhitha (1602-21-732-302), K. Sailaxmi (1602-21-732-205) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500 031 is a record of bonafide work carried out by him / her under our guidance.


Dr. G. Srinivas

Internal project guide
Associate professor


Dr. B. Sridhar

Head of the Department
Dept. of Civil Engineering



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD**

CERTIFICATE

This is to certify that the Project work **Project cost estimation for bidding proposal** is being submitted by Sri / Ms **Indranil badalwar (1602-21-732-007), Dimple Chowdary (1602-21-732-015), Snehali Srigadhi (1602-21-732-048)** in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500 031 is a record of bonafide work carried out by him / her under our guidance.

Mrs.P.Dhatri
Project Guide
Dept. of Civil Engineering

Dr. B.Sridhar
Head of the Department
Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled “TENDER BIDDING AND CONTRACTING FOR PALLADIUM CFI PVFC PROJECT: ESTIMATING AND TAKEOFFS USING PLANSWIFT SOFTWARE” is being submitted by **Ms. Chinmayi Nalajala, Mr. Koushik Aitha and Ms. Tunvi Dasari**, in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500 031 is a record of bonafide work carried out by him / her under our guidance.

MR. G. RAGHAVENDRA

Associate Professor and Project Guide
Department of Civil Engineering

DR. B. SRIDHAR

Professor and HOD
Department of Civil Engineering



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING,
HYDERABAD**

CERTIFICATE

This is to certify that the project work entitled “**MODELLING AND DETAILING OF STRUCTURAL STEEL BUILDING USING TEKLA SOFTWARE**” is being submitted by P.Sai Krishna in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Affiliated to Osmania University), Ibrahimbagh, Hyderabad, 500031 is a record of bonafide work carried by him under our guidance during the academic year **2024-2025**.

DR.K.JAYASREE
INTERNAL GUIDE
Associate Professor

DR. B. SRIDHAR
HEAD OF DEPARTMENT
Dept. of Civil Engineering

**ANALYSIS AND DESIGN OF MULTI-STORED
COMMERCIAL BUILDING
WITH BANDED SYSTEM BEAM SLAB**

Project report submitted

In the partial fulfilment of requirements for the award of the degree of

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

BY

A. Soniya Reddy (1602-21-732-049)

Madupu Veda Sri (1602-21-732-058)

Abdul Junaid (1602-21-732-306)

UNDER THE GUIDANCE OF

Dr.M.V.S.S SASTRI (ASSOCIATE PROFESSOR)



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
IBRAHIMBAGH, HYDERABAD -500031**

MAY 2025

**ANALYSIS AND DESIGN OF MULTI-STOREY
COMMERCIAL BUILDING WITH POST
TENSIONING FLAT SLABS**

Project report submitted

In the partial fulfilment of requirements for the award of the degree of

BACHELOR OF ENGINEERING

in

CIVIL ENGINEERING

By

Ankam Sindhuja 1602-21-732-303

Doosa Sadhguna 1602-21-732-308

Vakiti Shiva 1602-21-732-309

Under the guidance of

DR.S. VIJAYA KUMAR (Associate Professor)



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
(Affiliated to Osmania University)
IBRAHIMBAGH, HYDERABAD -500031**


May 2025




DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Major Project work “Flood risk mapping using remote sensing and Geographic Information System” is being submitted by Saikrishna Reddy, Shiva Prathik and Thirumalesh in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of Bonafide work carried out by him/her under our guidance.


Dr. Swarnadeepa Chakraborty
Assistant Professor
(Project guide)
Dept. of Civil Engineering


Dr. B. Sridhar
Head of department
Dept. of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled **ANALYSIS AND DESIGN OF PIER CAP, PIER AND PILE FOUNDATION FOR A ROAD BRIDGE** is being submitted by Sri **THONTI. AJAY(1602-732-002), ULLENGALA. DEEKSHITH (1602-21-732-012), ESLAVATH. UDAY KIRAN (1602-21-732-304)** in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by them under our guidance.

G. Raghavendra
(Project Guide)
Dept. of Civil Engineering.

Dr. B. Sridhar
Head of the Department
Dept. of Civil Engineering

**EVALUATING THE REPLACEMENT OF DENSE
GRADED BITUMINOUS MACADAM WITH GLASS
POWDER AS A FINE AGGREGATE**

Project report submitted

In the partial fulfilment of requirements for the award of the degree of

**BACHELOR OF ENGINEERING
IN CIVIL ENGINEERING**

By

GOVIND KARVA (1602-21-732-016)

SAI NIKITHA (1602-21-732-036)

KURVA SANDEEP (1602-21-732-040)

Under the guidance of

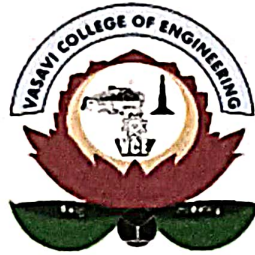
MRS. P. DHATRI (Assistant professor)



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF
ENGINEERING(AUTONOMOUS)
IBRAHIMBAGH, HYDERABAD – 500031**

THEME BASED PROJECT – 2025
A PROJECT REPORT SUBMITTED
TO
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

B-1



SUBMITTED BY

PALLAPU MANOHAR

1602-22-732-020

BANOTHU KOUSHIK

1602-22-732-304

MOHD MUTAHHIR ALI KHAN

1602-22-732-307

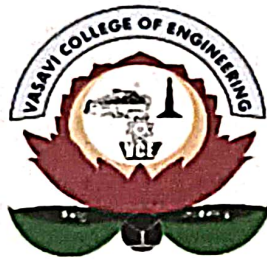
THEME BASED PROJECT REPORT
ON
DESIGN OF STRUCTURAL MEMBERS OF A BUILDING
USING MS EXCEL.

A project report submitted in the partial fulfillment of the requirements
for the award of the degree of

BACHELORS IN CIVIL ENGINEERING

By

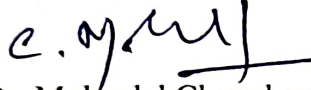
CIVIL VI SEMESTER STUDENTS




Under the guidance of
Dr. Mohanlal Chowdary
Associate Professor
Department of Civil Engineering
Vasavi College of Engineering (Autonomous)
IbrahimBagh, Hyderabad-500031
(2024-2025)

Certificate

This is to certify that the Theme Based Project work entitled "Design of Structural Elements of a Building Using MS Excel" is being submitted by Mr. P. V. Manohar, Mr. Banothu Koushik and Mr. Mohd Mutahhir Ali Khan in partial fulfillment for the award of Bachelor of Engineering in the Department of Civil Engineering, Wasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad – 500 031. This is a record of bonafide work carried out by him/her under our guidance.


Dr. Mohanlal Chowdary
Project Guide
Department of Civil Engineering


Dr. B. Sridhar
Professor & Head
Department of Civil Engineering

B-2

**STUDY OF APPLICATION OF TIMOSHENKO BEAM THEORY ON THE
EFFECTIVE ANALYSIS OF BEAM**

Theme base project report submitted

In the partial fulfilment of requirements for the award of the degree of

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

by

CHELAMALLA LAVANYA (1602-22-732-301)

ALLI SUJATHA (1602-22-732-302)

KOPPULA KEERTHANA (1602-22-732-303)

Under the guidance of

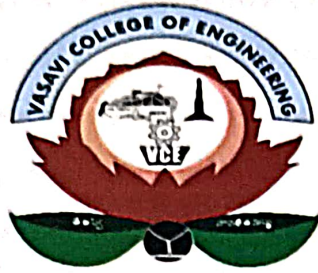
Mr. G. RAGHAVENDRA (Associate Professor)



DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING HYDERABAD (AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500031



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
HYDERABAD**

CERTIFICATE

This is to certify that the Theme Based Project work entitled “STUDY OF APPLICATION OF TIMOSHENKO BEAM THEORY ON THE EFFECTIVE ANALYSIS OF BEAM ” is being submitted by Ch. Lavanya, A . Sujatha, K. Keerthana in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department , Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of Bonafide work carried out by him / her under our guidance during the academic year 2024-2025.

Mr. G. RAGHAVENDRA
PROJECT GUIDE
Dept. of Civil Engineering

DR. B. SRIDHAR
HEAD OF DEPARTMENT
Dept. of Civil Engineering

1

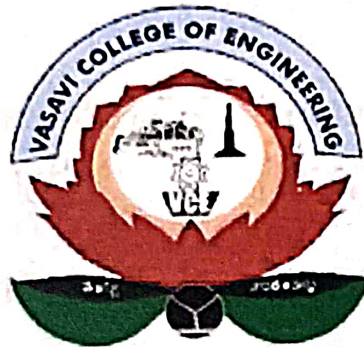
THEME BASED PROJECT-2025

PROJECT REPORT SUBMITTED

To

VASAVI COLLEGE OF ENGINEERING

B-3



TEAM MEMBERS

BANOTHU ANOOSHA	1602-22-732-003
PAMBIDI KISHOR	1602-22-732-314
KONGA CHANDANASRI	1602-22-732-315

THEME BASED PROJECT REPORT

On

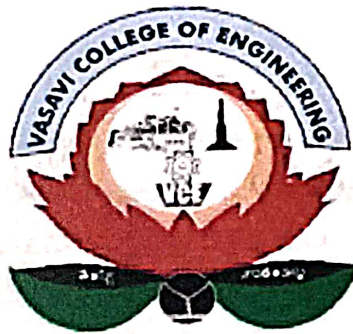
WATER ABSORBING PAVEMENTS BY USING PERVIOUS CONCRETE

A project report submitted to partial fulfillment of the requirements for the award of the degree of

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

By

CIVIL VI SEMESTER STUDENTS



Under the guidance of

Mrs. P. DHATRI (Assistant professor)

DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500031

(2024-2025)



DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)

(HYDERABAD)

CERTIFICATE

This is to certify that the theme-based project work entitled “WATER ABSORBING PAVEMENTS BY USING PERVIOUS CONCRETE” is being submitted by B. Anoosha(1602-22-732-003), P. Kishor(1602-22-732-314), K. Chandanasri(1602-22-732-315) in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Affiliated to Osmania University), Ibrahimbagh, Hyderabad ,500031 is a record of bonafide work carried out by him/her under our guidance.

Mrs. P. DHATRI

PROJECT GUIDE

DEPARTMENT OF CIVIL ENGINEERING

DR.B. SRIDHAR

PROFESSOR & HEAD

DEPARTMENT OF CIVIL ENGINEERING



VASAVI COLLEGE OF ENGINEERING
IBRAHIMBAGH, HYDERABAD

B-4

CIVIL ENGINEERING DEPARTMENT
THEME BASED PROJECT REPORT
GROUP-4

SUBMITTED BY:

1602-22-732-008- G.Harika

1602-22-732-308- Ch. Meganath

1602-22-732-313- D.Vikram Rathod

UNDER THE GUIDANCE OF

Dr. B. Sridhar

Head of the department & professor



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING, HYDERABAD
CERTIFICATE

This is to certify that the Theme based Project work entitled
**“STABILITY ANALYSIS OF ASPHALT PAVEMENT
INCORPORATING RECALIMED ASPHALT PAVEMENT
AGGREGATES”** is being submitted by

1602-22-732-008- G.Harika

1602-22-732-308- Ch. Meganath

1602-22-732-313-D. Vikram Rathod

Done in Civil Engineering Department, Vasavi College Of Engineering
(Autonomous), Ibrahimbagh, Hyderabad, 500031 is a bonafied work
carried out by them under our guidance

Dr.B.Sridhar

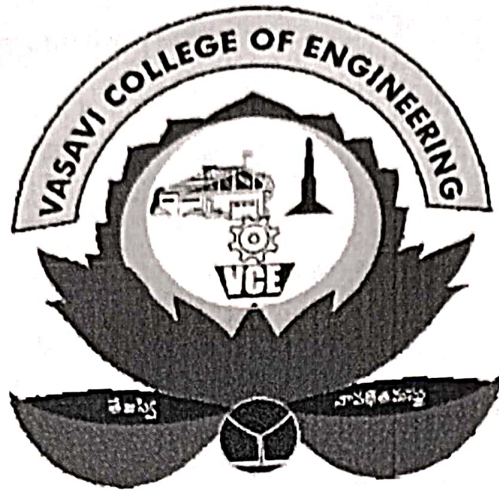
Project guide

Dept. of Civil Engineering

Dr.B.Sridhar

Head of the Department

Dept. of Civil Engineering



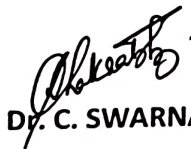
DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)


(HYDERABAD)

CERTIFICATE

This is to certify that the theme-based project work entitled “**Lake Pollution Assessment & Potential Solutions**” is being submitted by Shaik Armina (1602- 21-732-006), S. Mehek Aliya (1602-22-732-030), K. Sri Hari Chandra(1602-22-732-031) in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Affiliated to Osmania University), Ibrahimbagh, Hyderabad ,500031 is a record of bonafide work carried out by him/her under our guidance.


DR. C. SWARNADEEPA

PROJECT GUIDE


DR. B. SRIDHAR

PROFESSOR & HEAD

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

LAKE POLLUTION ASSESSMENT &

POTENTIAL SOLUTIONS

Project report submitted

In the partial fulfilment of the requirements for

The award of the degree of

Bachelor of Engineering

In

Civil Engineering

By

Shaik Armina (1602-21-732-006)

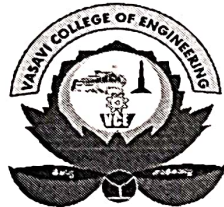
S. Mehek Aliya (1602-22-732-030)

K. Sri Hari Chandra (1602-22-732-031)

Under the guidance of

Dr. C. Swarnadeepa (Guide)

Dr. K. Jayasree (Co-ordinator)



DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING

(Autonomous)

IBRAHIMBAGH, HYDERABAD—500031

**ROAD TRAFFIC ACCIDENT HOTSPOT ANALYSIS USING SPATIAL DATA
MINING WITH GIS AS A SUPPORTING TOOL**

*Project report submitted
in the partial fulfillment of the requirements for
the award of the degree of*
Bachelor of Engineering

B-6

in

Civil Engineering

By

M.Rakshitha (1602-22-732-026)

V.Sushma (1602-22-732-033)

O.Tejaswini (1602-22-732-034)



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
(Autonomous)**

IBRAHIMBAGH, HYDERABAD – 500 031.

April 2025



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
HYDERABAD
CERTIFICATE

This is to certify that the project work entitled **Road Traffic Accident Hotspot Analysis using Spatial Data Mining with GIS as a Supporting Tool** is being submitted by M. Rakshitha (1602-22-732-026), V.Sushma (1602-22-732-033), O.Tejaswini (1602-22-732-034) in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Affiliated to Osmania University), Ibrahimbagh, Hyderabad 500031, is a record of bonafide work carried out by him/ her under our guidance.


Dr. K. Jayasree

Project Guide (Internal)
Dept. of Civil Engineering
Vasavi College of Engineering


Dr. B. Sridhar

Head of the Department
Dept. of Civil Engineering
Vasavi College of Engineering

**EXPERIMENTAL STUDY ON PARTIAL
REPLACEMENT OF CEMENT WITH GLASS
POWDER IN CONCRETE**

B-2

A

Project Report

Submitted

For the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Civil Engineering

By

A.VIJAY YADAV (1602-22-732-038)

B.ABHITEJ REDDY (1602-22-732-001)

M.VINAY KUMAR(1602-22-732-039)

Under the guidance of

S.KESHAV KUMAR

Assistant Professor



**Department of Civil Engineering Vasavi College of Engineering
: Hyderabad**

(Approved by AICTE, New Delhi & Affiliated to OU, Hyderabad) **2024-25**



Vasavi College of Engineering: Hyderabad
Department of Civil Engineering

Certificate

This is to certify that the Project Work entitled: **EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF CEMENT WITH GLASS POWDER IN CONCRETE** is a Bonafide record of project work done by **A. VIJAY YADAV (1602-22-732-038), B. ABHITEJ REDDY (1602-22-732-001), M.VINAY KUMAR (1602-22-732-039)** and fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering.

Date:

S.KESHAV KUMAR

Project Guide

DR.B.SRIDHAR

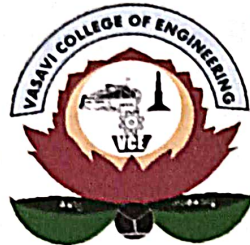
Head of the Department

THEME BASED PROJECT-2025

PROJECT REPORT SUBMITTED

TO

VASAVI COLLEGE OF ENGINEERING



B-8

TEAM MEMBERS

B.PAVAN CHANDRA	1602-22-732-023
G.RAJESH	1602-22-732-024
J.GOKUL YADAV	1602-22-732-316

THEME BASED PROJECT REPORT

On

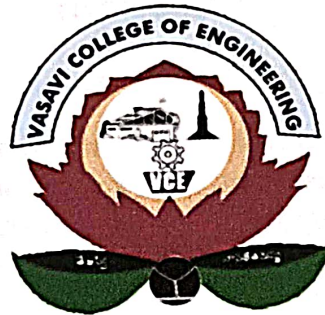
Partial replacement of fine aggregate with waste plastic in concrete

*A project report submitted to partial fulfilment of the requirements for the
award of the degree of*

BACHELOR IN CIVIL ENGINEERING

By

CIVIL VI SEMESTER STUDENTS



Under the guidance of

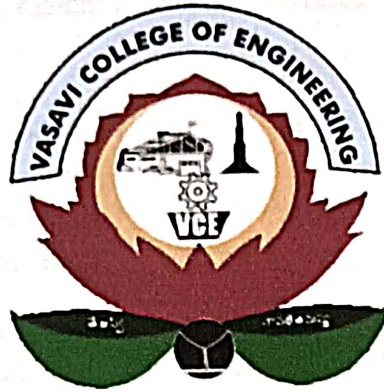
C.MOHAN LAL (ASSOCIATE PROFESSOR)

DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500031


(2024-2025)




DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)
(HYDERABAD)

CERTIFICATE

This is to certify that the Theme based project work entitled "Partial replacement of fine aggregate with waste plastic in concrete" is being submitted by B. Pavan Chandra, G.Rajesh, J.Gokul Yadav BE civil engineering VI semester students of Vasavi college of engineering (Autonomous) , Ibrahimbagh, Hyderabad, 500031 is a record of bonafide work carried out by him/her under our guidance.


C. MOHAN LAL (Associate professor)
PROJECT GUIDE
DEPARTMENT OF CIVIL ENGINEERING


DR.B. SRIDHAR
PROFESSOR & HOD
DEPARTMENT OF CIVIL ENGINEERING

**ENHANCING THE PROPERTIES OF BLACK COTTON
SOIL BY USING FLYASH AND GGBS**

Theme based project report

Bachelor of Engineering

In

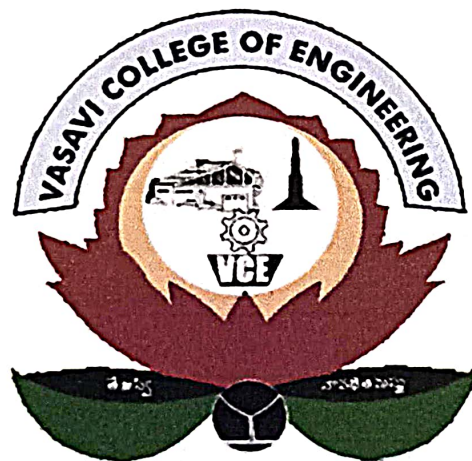
Civil Engineering

By

K. Deepak Raju (1602-22-732-006)

B. Dinesh Kumar (1602-22-732-007)

A. Maninder (1602-22-732-018)



April 2025

CERTIFICATE

This is to certify that the Theme based project work is being submitted **ENHANCING THE PROPERTIES OF BLACK COTTON SOIL BY USING FLYASH AND GGBS** by K. Deepak Raju (1602-22-732-006), B. Dinesh Kumar(1602-22-732-007), A. Maninder (1602-22-732-018) of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Affiliated to Osmania University),Ibrahimbagh, Hyderabad 500031, is a record of Bonafide work carried out by him under our guidance.



Dr. G. Srinivas

Guide

Dept. of Civil Engg.



Dr. B. Sridhar

Head of the Dept.

Dept. of Civil Engg.

**COMPARISON OF SEISMIC AND WIND LOAD
ANALYSIS ON G+10 RCC MULTI STORIED
BUILDING USING STAADPRO 2025**

B-10

*Project report Submitted In the partial fulfilment of the
requirements for the " theme based project "*

**6th semester ,Bachelor of
Engineering in Civil**

Engineering

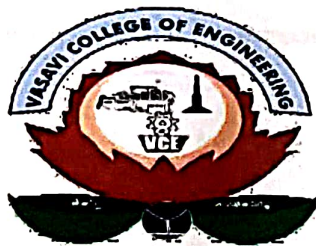
By

**KATTA RAGHAVENDRA (1602-21-732-031)
MOHAMMED AYAN AHMED (1602-22-732-021)
MOHAMMED FARHAN (1602-22-732-305)
UZZAMAN**

Under the guidance of

Dr. Dr. M.V.S.S Sastri

MAY 2025

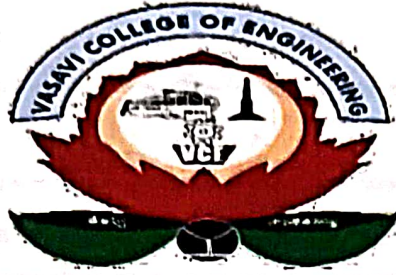


DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING

(Autonomous)

IBRAHIMBAGH, HYDERABD-500031



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING
HYDERABAD

CERTIFICATE

This is to certify that the Project work entitled comparison of seismic and wind load on G+10 RCC Multistoried building using Staadpro 2025 software is being submitted by Katta Raghavendra (1602-21-732-031), Mohammed Ayan Ahmed (1602-22-732-021), Mohammed Farhan uzzaman (1602-22-732-305) in partial fulfillment for theme based project of 6th semester in Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by them under our guidance

Dr. M.V.S.S Sastri

Project Guide

Dept. of Civil Engineering

Dr. B. Sridhar

Head of the Department

Dept. of Civil Engineering

B-11

THEME BASED PROJECT REPORT
ON
COMPARISON OF LOAD CARRYING CAPACITY OF VOIDED BEAM
IN COMPARISON WITH SOLID BEAM THROUGH
EXPERIMENTATION

A Project submitted to VASAVI COLLEGE OF ENGINEERING, Hyderabad

In partial fulfilment of the requirements for the award of the degree of

BACHELOR OF ENGINEERING IN
CIVIL ENGINEERING

SUBMITTED BY

MOHD JUNAID HUSSAIN 1602-22-732-310

SHIVA NARAYANA 1602-21-732-043

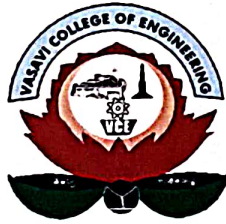
BONAGIRI VARUN 1602-22-732-309

Under the guidance of

Dr . S.VIJAYA KUMAR

M. Tech., Ph. D

Associate Professor



Department of Civil Engineering

VASAVI COLLEGE OF ENGINEERING

**(Private Un-aided Non-minority Autonomous Institution) Affiliated to Osmania University,
Hyderabad Approved by AICTE, New Delhi**

9-5-81, Ibrahim Bagh, Hyderabad, Telangana 500031.

2022-2026

VASAVI COLLEGE OF ENGINEERING

(Private Un-aided Non-minority Autonomous Institution) Affiliated to Osmania University,
Hyderabad Approved by AICTE, New Delhi

9-5-81,Ibrahim Bagh, Hyderabad, Telangana 500031.

DEPARTMENT OF CIVIL ENGINEERING

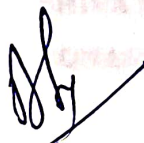
CERTIFICATE



This is to certify that project entitled “ **Comparison of Load carrying capacity of voided beam in Comparison with solid beam through Experimentation** ” is submitted by **Mohd Junaid Hussain 1602-22-732-310 , Shiva Narayana 1602-21-732-043 & Bonagiri Varun 1602-22-732-309** in partial fulfilment of requirements for the award of the Degree of Bachelor of Engineering in Civil Engineering Vasavi College of Engineering ,Hyderabad during the year 2022-2026 under Supervision and Guidance. The Result embodied in this project work has not been submitted to any other Institute or University for award of Bachelors of Engineering.


28/4/25
INTERNAL EXAMINER

EXTERNAL EXAMINER


HEAD OF THE DEPARTMENT

Mr .B. Sridhar

PRINCIPAL

THEME BASED PROJECT-2025

PROJECT REPORT SUBMITTED

TO

VASAVI COLLEGE OF ENGINEERING

B-12



TEAM MEMBERS

A.AKHIL	1602-22-732-002
K.KARTHIK CHARY	1602-22-732-014
S.VAMSHI	1602-22-732-037

THEME BASED PROJECT REPORT

On

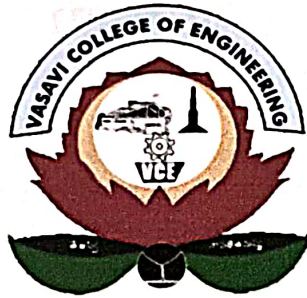
Partial replacement of Bitumen with waste cooking oil in flexible pavements

A project report submitted to partial fulfilment of the requirements for the award of the degree of

BACHELOR IN CIVIL ENGINEERING

By

CIVIL VI SEMESTER STUDENTS



Under the guidance of

K.JAYASREE

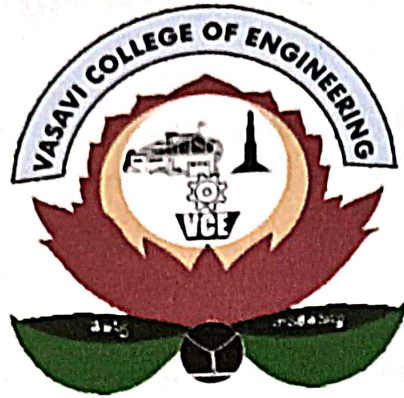
(ASSOCIATE PROFESSOR)

DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500031

(2024-2025)



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)
(HYDERABAD)

CERTIFICATE

This is to certify that the Theme based project work entitled "Partial replacement of bitumen with waste cooking oil in flexible pavement" is being submitted by A.Akhil ,K.Karthik chary, S.Vamshi BE civil engineering VI semester students of Vasavi college of engineering (Autonomous) , Ibrahimbagh, Hyderabad, 500031 is a record of bonafide work carried out by him/her under our guidance.

K.JAYA SREE (Associate professor)
PROJECT GUIDE

DEPARTMENT OF CIVIL ENGINEERING

DR.B. SRIDHAR
PROFESSOR & HOD

DEPARTMENT OF CIVIL ENGINEERING

B-13

THEME BASED PROJECT
REPORT
GREYWATER RECYCLING

SUBMITTED BY

P.Jaswanth	1602-22-732-011
G. Karthik Kumar	1602-22-732-013
T. Saideswar Rao	1602-22-732-029
G. Umesh	1602-22-732-035

UNDER THE GUIDANCE OF


DR.C. SWARNADEEPA
(ASSISTANT PROFESSOR)




DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS) IN
AFFILIATION WITH OSMANIA UNIVERSITY
IBRAHIMBAGH, HYDERABAD-500031

CERTIFICATE

This is to certify that the Theme Based Project "GREYWATER RECYCLING" is being submitted by P. JASHWANTH, G. KARTHIK KUMAR, T. SAIDESWAR, G. UMESH done in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by him/her under our guidance.


DR. C. SWARNADEEPA
PROJECT GUIDE

DEPARTMENT OF CIVIL ENGINEERING


DR. B SRIDHAR
PROFESSOR & HOD

DEPARTMENT OF CIVIL ENGINEERING

B-14

THEME BASED PROJECT-2025

PROJECT REPORT SUBMITTED

TO

VASAVI COLLEGE OF ENGINEERING



TEAM MEMBERS

BANDI BOOMIKA	1602-22-732-005
JABBU JAIHIND YADAV	1602-22-732-010
AVUTA MANISHA	1602-22-732-019

THEME BASED PROJECT REPORT

On

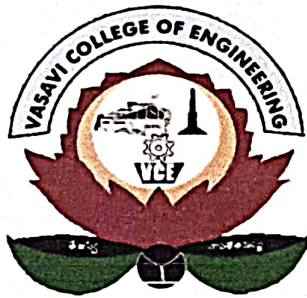
**Eternity Plant Based Constructed Wetlands for Wastewater
Treatment Using Phytoremediation**

*A project report submitted to partial fulfilment of the requirements for the
award of the degree of*

BACHELOR IN CIVIL ENGINEERING

By

CIVIL VI SEMESTER STUDENTS



Under the guidance of

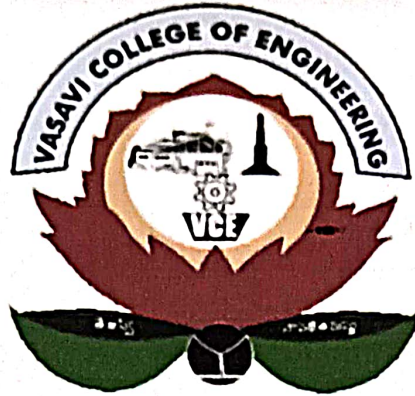
B. JAGADEESH (Assistant professor)

DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500031

(2024-2025)



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)
(HYDERABAD)

CERTIFICATE

This is to certify that the Theme based project work entitled "*Eternity plant based construction wetlands for wastewater treatment using Phytoremediation*" is being submitted by B. Boomika, J. Jaihind Yadav, A. Manisha BE civil engineering VI semester students of Vasavi college of engineering (Autonomous), Ibrahimbagh, Hyderabad, 500031 is a record of bonafide work carried out by him/her under our guidance.

B. JAGADEESH (Assistant professor)
PROJECT GUIDE

DEPARTMENT OF CIVIL ENGINEERING

DR.B. SRIDHAR
PROFESSOR & HOD

DEPARTMENT OF CIVIL ENGINEERING

B-15

**THEME BASED PROJECT REPORT
ON
ANALYSIS OF SAFETY IN CONSTRUCTION
SITE**

A Project submitted to VASAVI COLLEGE OF ENGINEERING, Hyderabad

**In partial fulfilment of the requirements for the award of the degree of
BACHELOR OF ENGINEERING IN CIVIL ENGINEERING**

SUBMITTED BY

ABHISHEK 1602-21-732-001

SHASHANTH 1602-21-732-041

VAIBHAV 1602-22-732-036

Under the guidance of

R.Sowmya

(Assistant Professor)



Department of Civil Engineering

VASAVI COLLEGE OF ENGINEERING

**(Private Un-aided Non-minority Autonomous Institution) Affiliated to Osmania
University, Hyderabad Approved by AICTE, New Delhi 9-5-81, Ibrahim Bagh,
Hyderabad, Telangana 500031**

ACKNOWLEDGEMENT

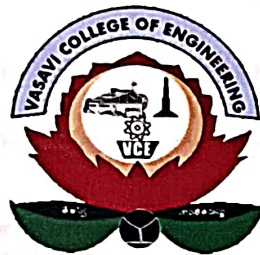
VASAVI COLLEGE OF ENGINEERING

(Private Un-aided Non-minority Autonomous Institution) Affiliated to Osmania University, Hyderabad Approved by AICTE, New Delhi

9-5-81, Ibrahim Bagh, Hyderabad, Telangana 500031

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE



This is to certify that project entitled “Analysis of safety in construction site” is submitted by **Shashanth 1602-21-732-041, Abhishek 1602-21-732-001 & Vaibhav 1602-22-732-036** in partial fulfilment of requirements for the award of the Degree of Bachelor of Engineering in Civil Engineering Vasavi College of Engineering, Hyderabad during the year 2022-2026 under Supervision and Guidance. The Result embodied in this project work has not been submitted to any other Institute or University for award of Bachelors of Engineering.

Mrs.R.SOWMYA

PROJECT GUIDE

DEPARTMENT OF CIVIL ENGINEERING

DR.B.SRIDHAR

PROFESSOR & HEAD

DEPARTMENT OF CIVIL ENGINEERING

B-16

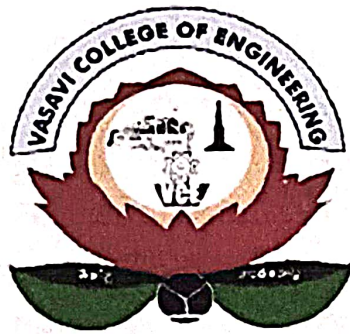
THEME BASED PROJECT-2025

TECHNICAL REPORT SUBMITTED

To

VASAVI COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING



TEAM MEMBERS

M. ANUSHA	1602-22-732-004
T. MAHESH	1602-22-732-017
R. SRILAXMI	1602-22-732-306
G. LAVANYA	1602-22-732-311

THEME BASED PROJECT REPORT

On

UTILIZATION OF PLASTIC WASTE IN BITUMEN MIXES FOR FLEXIBLE PAVEMENT

A project report submitted to partial fulfillment of the requirements for the award of the degree of

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

By

CIVIL VI SEMESTER STUDENTS



Under the guidance of

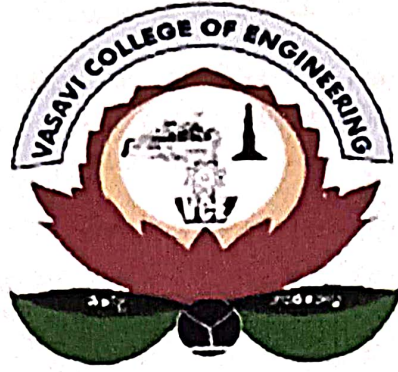
MRS. P. DHATRI (Assistant professor)

DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500031

(2024-2025)



DEPARTMENT OF CIVIL ENGINEERING

VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)

(HYDERABAD)

CERTIFICATE

This is to certify that the theme based project work entitled **UTILIZATION OF PLASTIC WASTE IN BITUMEN MIXES FOR FLEXIBLE PAVEMENT** is being submitted by **Mrs . M Anusha, Mr. T Mahesh, Mrs . R Srilaxmi and Mrs . G Lavanya** done in Civil Engineering Department, Vasavi College of Engineering Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of bonafide work carried out by him/her under our guidance.

Mrs. P . DHÁTRI

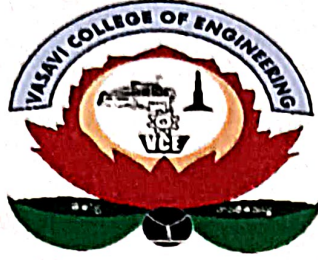
PROJECT GUIDE

DEPARTMENT OF CIVIL ENGINEERING

DR.B.SRIDHAR

PROFESSOR & HEAD

DEPARTMENT OF CIVIL ENGINEERING



Certificate

This is to certify that the SurveyTM Camp Report titled "Training On Modern Surveying Techniques At Vasavi College Of Engineering" is a genuine record of the work carried out by the following students of IV Semester B.E. (Civil Engineering), under the guidance of Dr. M.V.S.S. Sastri, during the academic term at Vasavi College of Engineering, Hyderabad.
2025-26

This report reflects the knowledge, effort, and teamwork demonstrated by the students during the fieldwork conducted as a part of the survey camp. The observations, data, and interpretations presented in this report are based on hands-on field activities using modern surveying instruments and techniques.

Group Members:

V.Charann (1602-23-732-009)
D. Chetan (1602-23-732-010)
Md.Althaf (1602-23-732-023)
K.Ramakanth (1602-23-732-033)
G.Sai Adithya (1602-23-732-301)
G.Vignesh (1602-23-732-302)

Dr.M.V.S.S.Sastri
Project guide

DR.S.Vijaya Kumar
Associate Professor

Dr.B.Sridhar
Head of The Department



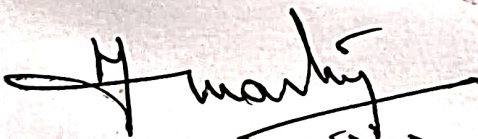
Certificate


This is to certify that the Surveying Camp Report titled "Training On Modern Surveying Techniques At Vasavi College Of Engineering" is a genuine record of the work carried out by the following students of IV Semester B.E. (Civil Engineering), under the guidance of Dr. M.V.S.S. Sastri, during the academic term at Vasavi College of Engineering, Hyderabad.


This report reflects the knowledge, effort, and teamwork demonstrated by the students during the fieldwork conducted as a part of the surveying camp. The observations, data, and interpretations presented in this report are based on hands-on field activities using modern surveying instruments and techniques.

Group members:

G.Uday	(1602-23-732-050)
B.Udayasri	(1602-23-732-303)
B.Sri varsha	(1602-23-732-313)
B.Deepika	(1602-23-732-012)
G.Jashwanthika	(1602-23-732-017)


Dr.M.V.S.S.Sastri
Project guide


DR.K.Jaya Sree
Associate Professor


Dr.B.Sridhar
Head of The Department



DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the survey camp work entitled "TRAINING ON MODEREN SURVEYING TECHNIQUES AT VCE" is being submitted by U.Bharath(1602-23-732-007),Prathin(1602-23-732-039),Veeranjaneya(1602-23-732-054),Vibhutej Reddy(1602-23-732-057) in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of Bonafide work carried out by him/her under our guidance during the academic year 2024-2025.

Dr. M.V.S.S.SASTRI
Project Guide
Dept. of Civil Engineering

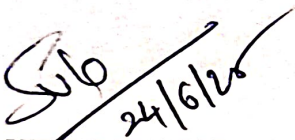
Dr. B.SRIDHAR
Head of the Department
Dept. of Civil Engineering

23.6.25
Dr. S. Vijaya Kumar
Associate professor
Department of civil Engineering.

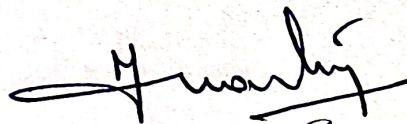


CERTIFICATE

This is to certify that the project work entitled "TRAINING ON MODERN SURVEYING TECHNIQUES AT VCE" is being submitted by K.AKHILA (1602-23-732-004), G.ASHWINI(1602-23-732-006), P.LAVANYA(1602-23-732-020), E.SATHWIKA(1602-23-732-043), CH.SHRUTHI(1602-23-732-044), and B.SPANDHANA(1602-23-732-045) in partial fulfillment for the award of Bachelor of Engineering in the Civil Engineering Department, Vasavi College of Engineering (Autonomous), IbrahimBagh, Hyderabad 500031 is a record of Bonafide work carried out by him/her under our guidance during the academic year 2024-2025.


24/6/25

Dr S VIHAYA KUMAR
Project Guide
Dept. of Civil Engineering



Dr. M.V.S.S. SASTRI
Project Guide
Dept. of Civil Engineering



Dr. B. SRIDHAR
Head of the Department
Dept. of Civil Engineering



**DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
HYDERBAD**

CERTIFICATE

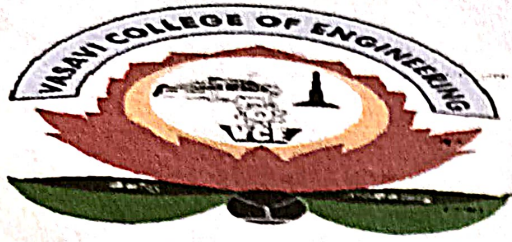
This is to certify that the survey camp entitled “MODERN SURVEYING TECHNIQUES” is being submitted by Krutika, Abdul Sania Naushin, Kantha Gouthami, Muskan Kausar, Mercy Florence bearing the Roll Numbers 1602-22-732-016, 1602-23-732-001, 1602-23-732-015, 1602-23-732-018, 1602-23-732-024 in partial fulfillment of the requirements for the completion of the Survey Camp, as part of the academic curriculum of the Bachelor of Engineering in Civil Engineering, conducted by the Department of Civil Engineering, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad – 500031.

This work has been carried out under our guidance during the academic year 2024-2025.

Dr. M.V.S.S. SASTRI
Project Guide
Dept. of Civil Engineering

Dr. S. Vijay Kumar
Project Guide
Dept. of Civil Engineering

Dr. B. Sridhar
Head of the Department
Dept. of Civil Engineering



CERTIFICATE

This is to certify that the Survey Camp Report titled "Training On Modern Surveying Techniques At Vasavi College Of Engineering" is a genuine record of the work carried out by the following students of IV Semester B.E. (Civil Engineering), under the guidance of Dr. M.V.S.S. Sastri, during the academic term at Vasavi College of Engineering, Hyderabad.

This report reflects the knowledge, effort, and teamwork demonstrated by the students during the fieldwork conducted as a part of the survey camp. The observations, data, and interpretations presented in this report are based on hands-on field activities using modern surveying instruments and techniques.

TEAM MEMBERS

L. NAGESH(1602-23-732-028)

B. SUMAN(1602-23-732-048)

P. VARDHAN(1602-23-732-053)

Dr.M.V.S.S.Sastri

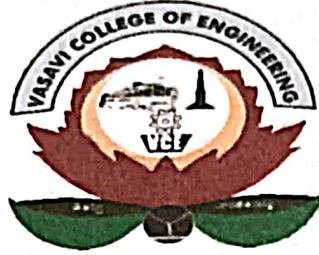
Project guide

Dr.K.Jayasri

Associate Professor

Dr.B.Sridhar

Head of The Department



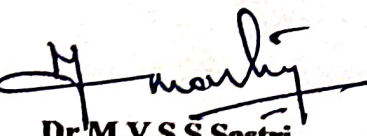
Certificate

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Group Members:

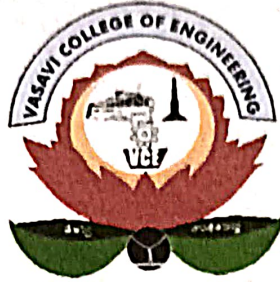
S GANESH	1602-23-732-014
V MAHESH	1602-23-732-022
P SAI KIRAN	1602-23-732-040
S TEJAVARDHAN	1602-23-732-049
N VAMSHI	1602-23-732-052
A VINOD KUMAR	1602-23-732-059


Dr.M.V.S.S.Sastri
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DR.K.Jayasree
Associate Professor


Dr.B.Sridhar
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CERTIFICATE



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TEAM MEMBERS

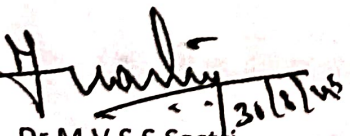
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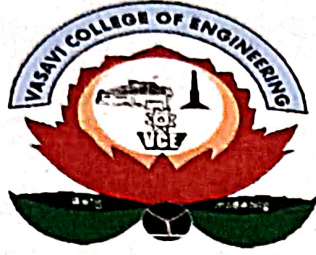
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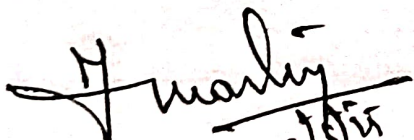
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Group Members:

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DEPARTMENT OF CIVIL ENGINEERING
VASAVI COLLEGE OF ENGINEERING(AUTONOMOUS)
HYDERABAD

CERTIFICATE

This is to certify that the project work entitled "TRAINING ON MODERN SURVEYING TECHNIQUES AT VCE" is being submitted by DHARAVATH ABHINAYA (1602-23-732-003), MOHD SHUJAUDDIN HAQQANI (1602-23-732-025), MOHD ABDUL MUQEETH (1602-23-732-026), MUGDE NAGAJYOTHI (1602-23-732-027), SRIHARSHINI JAVAJI (1602-23-73-047), VAGDEVI VULLAMGUNTA (1602-23-732-051) in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad 500031 is a record of Bonafide work carried out by him/her under our guidance during the academic year 2024-2025.

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Dept. of Civil Engineering

Dr. B.SRIDHAR
Head of the Department
Dept. of Civil Engineering

Dr. S. Vijaya Kumar
Associate Professor
Dept. of Civil Engineering



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Group Members:

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A. Professor.

Dr. B. Sridhar
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Principal
Vasavi College of Engineering