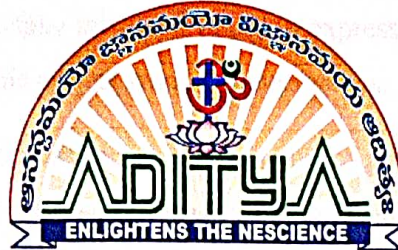


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Surampalem, East Godavari, Andhra Pradesh

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the dissertation entitled “**A STUDY ON THE PERFORMANCE OF NATURAL HYDRAULIC CEMENT LIME MORTARS BY USING EGG ALBUMEN AS BIO-ADMIXTURE**” being submitted by **Mr. M SANDEEP** bearing Roll. No. **19P35A0156**, **Mr. S DEVA KUMAR** bearing Roll. No. **19P35A0169**, **Mr. G P S RAVI KUMAR** bearing Roll. No. **19P35A0143**, **Mr. S SAI DURGA PRASAD** bearing Roll. No. **19P35A0168**, **Mr. T HARI SRI PRAKASH** bearing Roll. No. **19P35A0171**, in partial fulfilment of the requirement for award **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** (2019-2022) from Aditya College of engineering and Technology, Surampalem is record of bonafied work carried out by his under my guidance and supervision.

Mr. A. Naga Sai
09/06/2022

Mr. A. Naga Sai, M.Tech; (Ph.D.)

Project guide

Mr. S. Sivacharan M.Tech; M.Sc

Head of the Department

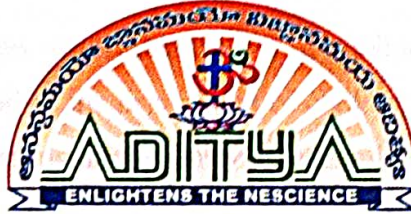
Head of the Department
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EXTERNAL EXAMINER

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

SURAMPALEM, EAST GODAVARI, ANDHRA PRADESH



CERTIFICATE:

This is to certify that the dissertation entitled "AN EXPERIMENTAL STUDY ON THE PERFORMANCE OF NATURAL HYDRAULIC CEMENT LIME MORTAR REPLACED WITH BRICK POWDER" being submitted by Mr. V RAVI KIRAN bearing Pin no 19P35A0175, Mr. K KESAVA VARDHAN bearing pin no 19P35A0145, Mr. A SATYA SAI bearing pin no 19P35A0132, Mr. BANDARU RAJESH bearing pin no 19P35A0135, Mr. K VAMSI bearing pin no 19P35A015, in partial fulfillment of the requirement for award **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** (2019-2022) from Aditya college of engineering and technology, Patavala is record of bonafied work carried out by his under my guidance and supervision

A. Naga Sai
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Approved by AICTE. Permanently affiliated to JNTUK. accrereditd by NBA, NAAC

Department Of Civil Engineering



CERTIFICATE

This is to certify that the main project work entitled “**TRAVEL PATTERN VARIATIONS BY LOCATION, GENDER, AND INCOME IN KAKINADA, SAMALKOTA AND PEDDAPURAM**”

A. NAGARAJU (19P35A0131)

D. E.V.SRIRAM (19P35A0140)

S. SAI RAJA (19P35A0166)

T. NARASIMHA SAI (19P35A0172)

V. DURGA MOUNESH (19P35A0176)

In a partial fulfillment of the requirement for the award of the B. tech degree in civil Engineering for the academic year of 2018-2022. The result embodied in this project report have not been submitted to any other institute or university for award of any degree or diploma.

PROJECT GUIDE

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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled **"DESIGN OF A EARTHQUAKE RESISTANT TWELVE STOREY RESIDENTIAL BUILDING"**

submitted by B.RAVI BABU(19P35A0136), B.DEEPAK(19P35A0137), K.PREMKUMAR(19P35A0149),M.V.B.LAKSHMI(19P35A0158),Y.J. SAICHARAN (19P35A0177), G.VEERA BHADRA(19P35A0142) in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2018 - 2022. The results embodied in this project report have not been submitted to any other institute or university for award of any degree or diploma.

PROJECT GUIDE
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CERTIFICATE

This is to certify that the project report entitled "EFFECT OF TEMPERATURE ON HDPE FIBER REINFORCED CONCRETE" submitted by

LMUKESH SAI CHAITANYA	19P35A0153
A.UMA GOWTHAM	19P35A0133
N.SAI KALYAN	19P35A0160
S.RAMJEE HARSHA VARDHAN	19P35A0167
K.Veerababu	19P35A0147
A.KUMARSIVA PRASAD	19P35A0130

in partial fulfilment of the requirements for the award of the BACHELOR OF TECHNOLOGY
IN CIVIL ENGINEERING during the academic period of 2018-2022.

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Department of CIVIL Engineering



CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON MECHANICAL AND DURABILITY PROPERTIES OF HDPE FIBER REINFORCED CONCRETE**"

Submitted by P.MAHESH BABU (19P35A0164), A.SAI TEJA PURUSHOTHAM (19P35A0129), L.VENKATA MOULI (19P35A0154), Y.RUFUS RAMESH (19P35A0179), U.SAI PRAKASH (19P35A0173) in partial Fulfilment of the requirements for the award of the **BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING** during the academic period of 2018-2022.

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(Associate Professor of Civil Eng. Dept.)

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EXTERNAL EXAMINER

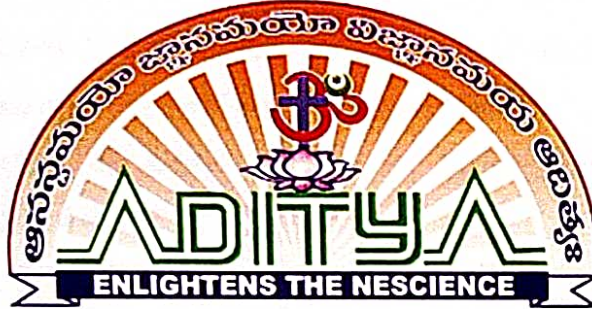
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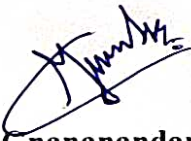
DEPARTMENT OF CIVIL ENGINEERING





CERTIFICATE

This is to certify that the thesis entitled "USE OF CERAMIC WASTE IN HIGH COMPRESSIBLE CLAY AS A REPLACEMENT MATERIAL TO SEE THE ENHANCED SOIL PROPERTIES" is submitted by G. SURYA SAMHITHA (19P35A0141), K. BINDU MADHAVI (19P35A0144), CH. PRUDHVI RAJ (19P35A0138), K. BHANU PRAKASH (19P35A0146), CH. BHARGAV VINAY (19P35A0139) in partial fulfilment of the requirements for the award of Bachelor of Technology Degree in Civil Engineering, during the academic year 2018-2022.

The results embodied in this project report have not been submitted to any other institute or university for the award of any Degree or Diploma.


Dr. T. Gnananandarao
Project Guide


Mr. S. Siva Charan
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External Examiner

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Department of CIVIL Engineering



CERTIFICATE

This is to certify that the project report entitled "**RIVER WATER QUALITY MODELING UNDER PLAUSIBLE SCENARIOS FOR BHADRA RIVER STRETCH BY USING QUAL2K**", submitted by

P.SAMPATH KUMAR	(19P35A0163)
T.NAGA BABU	(19P35A0170)
K.B.RAMANJANEYULU	(19P35A0148)
K.NAGARJUNA	(19P35A0150)
P.D.SAI SURYA TEJA	(19P35A0162)
B.SISINDRI	(19P35A0134)

in partial fulfilment of the requirements for the award of the **BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING** during the academic period of **2018-2022**.

M. Satish Kumar
11/6/22
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Assistant Professor
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Mr. S. Sivacharan M.Sc., M.Tech
Head of the Department
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CERTIFICATE

This is to certify that the thesis entitled **"A STUDY ON STABILIZATION OF BLACK COTTON SOIL BY USING POLYPROPYLENE FIBERED CEILING WASTE"** submitted by **CH.V.S.RAMAKRISHNAREDDY(18P31A0104),P.S.S.BALAVINAYAK(19P35A0123), D.L.V.V.DURGAPRASAD(19P35A0108),P.ANIL(19P35A0122),P.N.V.KRISHNA REDDY(18P31A0117)** in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2018 -2022.

The results embodied in this project report have not been submitted to any other institute or university for the award of any degree or diploma.

PROJECT GUIDE

(G.PHANINDRA, M. Tech)

HEAD OF THE DEPARTMENT

Mr. S. SIVA CHARAN(MSc(UK),MTECH

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Head of the Department
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CERTIFICATE

This is to certify that the thesis entitled "DESIGN OF WASTE WATER TREATMENT PLANT FOR ADITYA CAMPUS, SURAMPALEM" submitted by **L. PAPAYYA RAJU (19P35A0115), P. SRUJAN VARMA (18P31A0119), K. SATYANARAYANA (19P35A0114), CH. VEERA BABU (19P35A0104) and K. RAGHAVENDHRA (19P35A0113)** in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2018 -2022. The results embodied in this project report have not been submitted to any other institute or university for award of any degree or diploma.

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Mr. S.SIVACHARAN(MSc(UK), MTech)

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CERTIFICATE

This is to certify that the thesis entitled "EFFECT OF COMPACTION DELAY ON STRENGTH OF SOIL STABILIZED BY USING RICE HUSK ASH" submitted by CH. VENKATESWARLU (19P35A0105) SUSMITHA DAS (19P35A0127) N. NAVEEN SAI REDDY (18P31A0114) P. SUBHASH CHANDRA (19P35A0126) G. SANTHOSH KUMAR (18P31A0109) in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2018 -2022.

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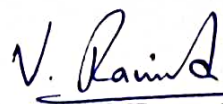

Project Guide

(Ms. SARASWATHI KOYYANA)


Head of the department

(MR. SIVA CHARAN)

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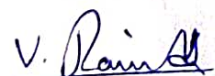
EVALUATION REPORT

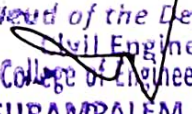
This is to certify that the thesis entitled “**EXPERIMENTAL STUDY OF POLYPROPYLENE FIBER REINFORCED CONCRETE**” submitted by

RAJKUMAR	18P31A0120
S. DURGA PRASAD	18P31A0121
D.PREMKUMAR	19P35A0106
HARIKUMAR	19P35A0110
P. RAMANJINEYALU	19P35A0120

In partial fulfilment of the requirements for the award of Bachelor of Technology degree in civil engineering, during the academic year 2018-2022

The results embodied in this project report have not been submitted to any other institute or university for the award of ant degree or diploma.


External Examiner


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Project Guide

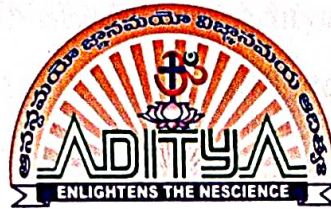
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CERTIFICATE

This is to certify that the thesis entitled "DESIGN OF A UNSYMMETRIC TEN
STOREY EARTHQUAKE RESISTANT BUILDING AND COMPARISON
WITH SYMMETRIC BUILDING BY USING SAP2000"

Submitted by P. KRISHNA VAMSI (18P31A0118), D. JASHUVA (18P31A0105),
M. SIVARAM (18P31A0113), G. MANIKANTA (18P31A0108) And S. SATISH
KUMAR (17P31A0133) in partial fulfilment of the requirements for the award of
Bachelor of Technology degree in Civil Engineering, during the academic year 2018
-2022. The results embodied in this project report have not been submitted to any
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M. Tech, Ph. D

Asst. Prof Civil Eng. Dept

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Mr. S. SIVA CHARAN M.sc, M. Tech

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Department of CIVIL Engineering



CERTIFICATE

This is to certify that the project report entitled "**EVALUATION OF WATER QUALITY FOR THE TUNGABHADRA RIVER SYSTEM BY USING WATER QUALITY INDICES**", submitted by

A.S.RV. SAI SWAROOP	(19P35A0101)
A. SUNIL KUMAR	(18P31A0101)
B.V.S.S. PRAKASA RAO	(18P31A0103)
K. LAXMAN SWAMY	(18P31A0110)
N. INDUSRI	(18P31A0115)

in partial fulfilment of the requirements for the award of the **BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING** during the academic period of 2018-2022.

M. Satish Kumar

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V. Ravi

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KAKINADA-533003

2018-2022

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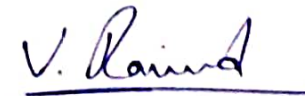
This is to certify that the project work entitled “Experimental Study on Stabilization of High Compressive Clay Using Coir Fiber”, is being submitted by


V. Narendra	(19P35A0128)
P. Gowtham kumar	(19P35A0125)
P. Ravindra	(18P31A0116)
I. Suneel	(19P35A0111)
P. Teja Durga	(19P35A0124)

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(Mr. T. Gnananandaraao)


External Examiner


Head of the Department
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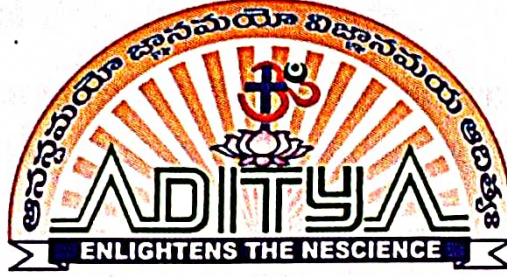
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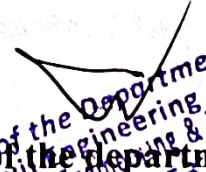
This is to certify that the thesis entitled "CLIMATE CHANGE ANALYSIS USING R-STUDIO BY UTILIZING HADCM3 AND MIROC CLIMATE MODELS OVER BHADRA AND SARADA CATCHMENTS" submitted by M. VEERA VENKATA RAMNA (19P35A0119), M.V. PRAMOD LAKSHMAN (18P31A0111), B. NAGA SATISH (19P35A0102), V. SAI MANIKANTA (18P31A0122) and I. SAI VAMSI (19P35A0112) in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2018 -2022.

The results embodied in this project report have not been submitted to any other institute or university for award of any degree or diploma.


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(Mr.S. SIVA CHARAM MSc (UK), Mtech)
Associative professor & HOD



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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled **"EXPERIMENTAL INVESTIGATION OF SELF PROTECTED UNDER WATER ANTIWASH OUT RESISTANCE CONCRETE IN MARINE AND FRESH WATER"** submitted by A. DASARADHA RAMU (18P31A0102), VISHAL SHARMA (18P31A0123), B. SRI DEVI (19P35A0102), M. VIJAYA MANIKNATA (19P35A0118), P.SWAMY (19P35A0121) in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil engineering, during the academic year 2018-2022. The results embodied in this project report have not been submitted to any other institute or university for award of any degree or diploma.

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Asst. Professor

Head of the Department
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HEAD OF THE DEPARTMENT

Mr. S.SIVACHARAN, M.Sc., M.TECH,
Associate Professor & HOD

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