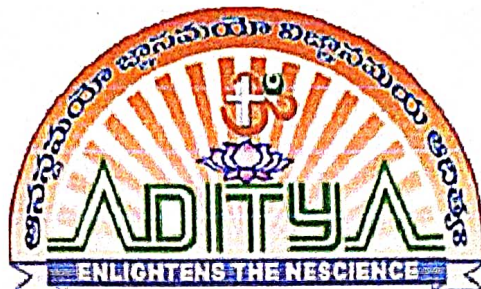


**ADITYA COLLEGE OF ENGINEERING
& TECHNOLOGY**

Department of Civil Engineering



CERTIFICATE

This is to certify that the project work entitled “**EXPERIMENTAL STUDY ON HYBRID GLASS FIBRE REINFORCED CONCRETE WITH M25 GRADE OF CONCRETE**”, is a being submitted by D.JAGADEESH (16P35A0102), K.TATA REDDY (15P31A0126), K.N.V.S.AJIT KUMAR (15P31A0132), CH.RAMESH (15P31A0110), G.VICTOR PAUL (15P31A0117) submitted in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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


HEAD OF DEPARTMENT

A.NAGA SAI

Assistant Professor

Dept. of

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K.SANTHI

Assistant Professor

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Examiner

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Aditya Nagar, ADB Road, Surampalem -533437, E.G.Dt., Ph:9959176665

DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT

This is to certify that the thesis entitled "**AN INVESTIGATION ON HDPE FIBER REINFORCED CONCRETE**" submitted by

Y.RAGHU VARAPRASAD

16P35A0111

K.SUSMITHA REDDY

15P31A0125

S.AMMI REDDY

15P31A0147

D.YASWANTH


15P31A0112

V.SAI KIRAN

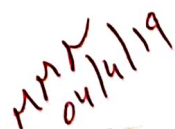
15P31A0151

In partial fulfillment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015- 2019.

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.


External Examiner


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Mr.M.M.RAO
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DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT

This is to certify that the thesis entitled "**AN EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF M60 GRADE CONCRETE BY USING COPPER SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATE**" submitted by

K.DHANA SATISH

16P35A0105

B.SRIKAR KALYAN TEJA

15P31A0105

Y.NAGESH

16P35A0112

G.SUBRAHAMANYAM

15P31A0116

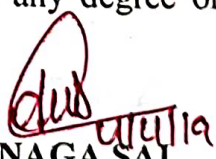
B.VAMSI

15P31A0106

In partial fulfillment of the requirements for the award of Bachelors of Technology in Civil Engineering, during the academic year 2015-2019. 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


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Mr.A.NAGA SAI
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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "**DOMESTIC SEWAGE TREATMENT PLANT FOR EDUCATIONAL INSTITUTIONS**" submitted by

M.SRI AMBICA JYOTHSNA

15P31A0134

CH.SREE SATYA SREEJA

15P31A0109

A.MANI SURYA VARMA

15P31A0102

R.KISHORE


15P31A0144


J. SAI KUMAR


15P31A0121

in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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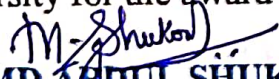
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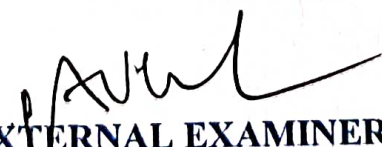


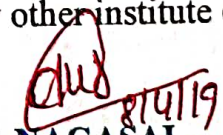
CERTIFICATE

This is to certify that the thesis entitled "EFFICACY OF TERNARY BLENDED CEMENTITIOUS BINDERS ON THE STRENGTH IMPROVEMENT CHARACTERISTICS OF LIME TREATED BLACK COTTON SOIL" submitted by GUNTUBOINA SRINU (16P35A0117), KOLLI CHINABABU (16P35A0118), DEPURI NAVEEN (15P31A0158), AYNVILLI SUMANTH (16P35A0114), DHULIPUDI SAI SURYA TEJA (15P31A0160), MEKA SATWIK (15P31A0182) in partial fulfilment of the requirements for the award of Bachelor Technology degree in Civil Engineering, during the academic year 2015-2019.

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.


MR.MD.ABDUL SHUKOOR
(Project Guide)


EXTERNAL EXAMINER


MR.A.NAGASAI
(Head of the Department)
Aditya College of Engineering & Technology
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DEPARTMENT OF CIVIL ENGINEERING



B.TECH THESIS EVALUATION REPORT

This is to certify that the thesis entitled "**A STUDY ON STRENGTH ENHANCEMENT OF RUNWAY (RAJAHMUNDRY AIRPORT)**" being submitted by

O.KALYANI

15P31A0135

K.UDAYA DURGA

15P31A0131

V.LALITH PAVAN

15P31A0152

S.ARAVIND


15P31A0148

A.KRISHNA CHAITANYA


15P31A0101

In partial fulfilment of the requirements for the award of Bachelors of Technology in Civil Engineering, during the academic year 2015-2019.

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.


External Examiner


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Miss. K.D.B. SIREESHA
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DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT

This is to certify that the thesis entitled "**AN ASSESSMENT ON STRENGTH AND DURABILITY PROPERTIES OF M40 GRADE CONCRETE BY USING COPPER SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATE**" submitted by

T. VENKATA DINESH

13P31A0153

P. AJAY KUMAR

16P35A0121

G. LAKSHMIPATHI

15P31A0164

S. SWATHI JESSICA

15P31A0195

K. RAVI KRISHNA

15P31A0172

G. MIDHUN KUMAR

15P31A0169

In partial fulfilment of the requirements for the award of Bachelors of Technology in Civil Engineering, during the academic year 2015-2019. 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.


Mr. A. NAGA SAI

Head of the Department


Mr. A. NAGA SAI

Project Guide


External Examiner

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT

This is to certify that the thesis entitled **"EFFECT OF STEEL FIBRES ON SELF-COMPACTING CONCRETE WITH PARTIAL REPLACEMENT OF FLY ASH WITH OPC 53 CEMENT"** submitted by


K. GUNA SEKHAR
M. VEERESH
P. TRIMURTHULU
J. SHADAB
D. GANESH

16P35A0106
16P35A0107
15P31A0137
15P31A0120
15P31A0111

In partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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.


External Examiner


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Ms M.DIVYA TEJASWI
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DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT

This is to certify that the thesis entitled "**EFFECT ON FLEXURAL STRENGTH OF RCC BEAM WHEN FINE AGGREGATE IS REPLACED WITH STEEL SLAG & JUTE FIBER**" submitted by

CH.VENKATESH

15P31A0107

P.PAVAN SAI

15P31A0141

P.J.V.RAMAN

16P35A0110

V.GOWTHAM

15P31A0150

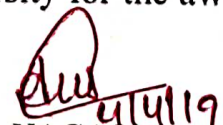
K.SUDHAKAR

15P31A0130

In partial fulfillment of the requirements for the award of Bachelors of Technology degree in Civil Engineering, during the academic year 2014-2018.

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.


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Mr.CH.BHASKARA RAO
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EVALUATION REPORT

This is to certify that the thesis entitled **"EFFECT ON FLEXURAL STRENGTH OF RCC BEAM WHEN FINE AGGREGATE IS REPLACED WITH STEEL SLAG & SUGARCANE SLAG."** submitted by

B.SAI KUMAR

15P31A0154

S.VIJAYA

15P31A0194

D.S.S.SUBRAMANYAM

15P31A0159

E.R.G.BHAVANI

15P31A0163

M.MANI KUMAR

15P31A0183

In partial fulfillment of the requirements for the award of Bachelors of Technology degree in Civil Engineering, during the academic year 2015-2019.

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.

External Examiner

Mr.A.NAGASAI
Head of the Department

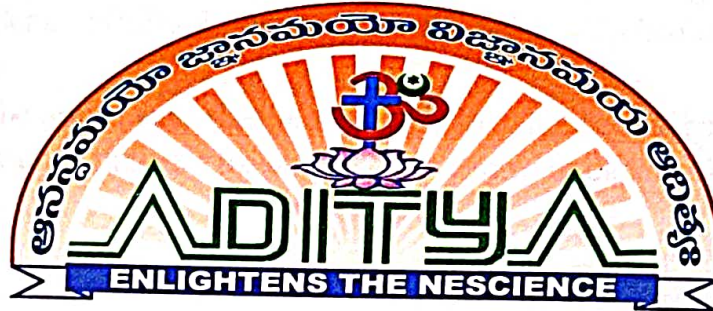
Mr.CH.BHASKARA RAO
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DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT


This is to certify that the thesis entitled “**EFFECT OF STEEL FIBRES ON SELF-COMPACTING CONCRETE WITH PARTIAL REPLACEMENT OF FLY ASH WITH OPC 53 GRADE CEMENT**” submitted by


K.CHAKRAVARTHI	15P31A0177
G.NAGA VEERA SURYA PAVAN	15P31A0166
P.APARNA	15P31A0187
P.PAVAN	15P31A0188
G.V.N.SAI SATYA TEJA	15P31A0168

In partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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.


External Examiner


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Ms M.DIVYA TEJASWI
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Nagar, ADB Road, Surampalem -533437, E.G.Dt., Ph: 99591 76665

DEPARTMENT OF CIVIL ENGINEERING



EVALUATION REPORT

This is to certify that the thesis entitled “**EFFECTS OF ACID ATTACK AND BASE ATTACK ON TSP-FLY ASH REPLACED ORDINARY CONCRETE**” submitted by

A.GANESH

16P35A0101

B. DURGA VENKATA LAKSHMI

15P31A0104

K. SRI SUBHASH

15P31A0128

DHIRAJ KUMAR SINGH

15P31A0114


K. TEJA

15P31A0129

in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2014-2018.

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External Examiner


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Mr S.SIVACHARAN
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ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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CERTIFICATE

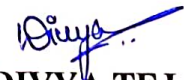
This is to certify that the thesis entitled "**EFFECT OF STEEL FIBRES ON SELF-COMPACTING CONCRETE WITH PARTIAL REPLACEMENT OF FLY ASH WITH OPC 53 GRADE CEMENT**" submitted by

P.PAVAN	15P31A0188
G.NAGA VEERA SURYA PAVAN	15P31A0166
P.APARNA	15P31A0187
K.CHAKRAVARTHI	15P31A0177
G.V.N.SAI SATYA TEJA	15P31A0168

In partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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Mr A.NAGA SAI
Head of the Department
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M. DIVYA TEJASWI
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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled “**EXPERIMENTAL STUDY ON STRENGTH PROPERTIES OF SELF CURING CONCRETE INCORPORATING POLY ETHYLENE GLYCOL-400 AS SELF CURING AGENT.**

” submitted by

K. AKHIL

P. POOJA

A.L. PRASANTH

K. SURYA ANOOP

N. SUDHARSHANRAO

15P31A0123

15P31A0136

15P31A0103

15P31A0122

14S01A0104

in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019. 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.

Mr. A. NAGA SAI

Head of the Department

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Mr. B. PAVAN KUMAR

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EVALUATION REPORT

This is to certify that the thesis entitled "**RAIN WATER HARVESTING SYSTEM FOR ADITYA EDUCATIONAL INSTITUTIONS**" submitted by

M.SRI HARI HARAN

15P31A0178

M.RAM BABU

15P31A0180

B.NAVEEN

15P31A0155

D.SAI ABHISHEK

15P31A0161


P.SAI SRIKANTH

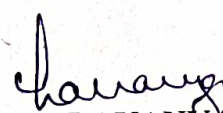
15P31A0189

In partial fulfillment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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Surampalem - 533437


Ms. P. LAVANYA
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DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "STUDY OF CONCRETE MADE WITH WASTE CERAMIC TILES AND WASTE FOUNDARY SAND AS PARTIAL REPLACEMENT OF COARSE AGGREGATE AND FINE AGGREGATE" submitted by

I.HARISH	16P35A0104
T.V.R.A.LN SOWMYA SRI	15P31A0149
P.B.M.BHUSHAN	15P31A0140
RAVI PRAKASH CHAUBEY	15P31A0143
K.SURYA DURGA NAVEEN	15P31A0127

in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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Head of the Department
Civil Engineering
Aditya College of Engineering & Technology
SURAMPALAM - 533 437

[Signature]
EXTERNAL EXAMINER

[Signature]
MS P.LAVANYA
Project Guide

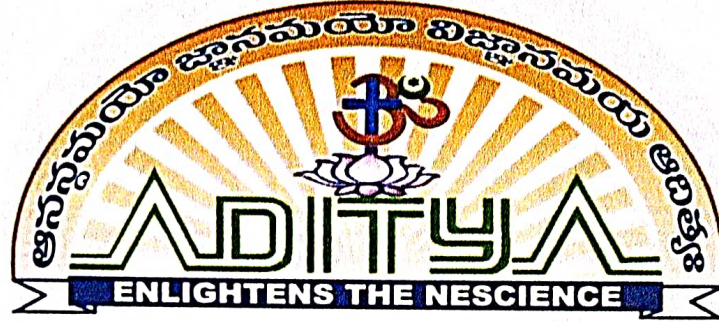
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Aditya Nagar, ADB Road, Surampalem -533437, E.G.Dt., Ph.: 99591 76665

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "**POTENTIAL BEHAVIOR OF EGG SHELL POWDER AND SUGARCANE BAGASSE ASH IN SOIL STABILIZATION.**"

submitted by

S.SAI KRISHNA MOHAN

15P31A0198

A.DURGA SHIVASHANKAR

16P35A0113

K.RAKESH

15P35A0108

T.VEERA PHANINDRA KUMAR


15P31A01A2


S.TARUN

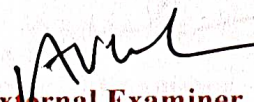
15P31A0192

In partial fulfillment of the requirements for the award of Bachelors of Technology in Civil Engineering, during the academic year 2015-2019.

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.

K.D.B. 
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Head of the Department
Head of Civil Engineering
Aditya College of Engineering & Technology
SURAMPALAM - 533 437


External Examiner

ADITYA COLLEGE OF ENGINEERING AND TECHNOLOGY

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ADB Road, Surampalem -533437, E.G.Dt., Ph: 99591 76665

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "**PERFORMANCE ANALYSIS OF ECO-FRIENDLY CONCRETE CONTAINING ACID TREATED RECYCLED AGGREGATES**" submitted by

G.RAM KISHORE

15P31A0165

G.TULASI

16P35A0116

N.YESUBABU

16P35A0120

KUMAR GAURAV


15P31A0176


T.SAI SOMANNA DORA

16P35A0124

In Partial Fulfillment Of The Requirements For The Award Of Bachelor Of Technology Degree In Civil Engineering, During The Academic Year 2015-2019.

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.


Mr A.NAGA SAI
Head of the Department
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Aditya College of Engineering & Technology
SURAMPALEM - 533 437


MS.K.SANTHI M.Tech
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EXTERNAL EXAMINER

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Aditya Nagar, ADB Road, Surampalem -533437, E.G.Dt., Ph: 99591 76665

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the thesis entitled "AN ASSESSMENT ON STRENGTH AND DURABILITY PROPERTIES OF M40 GRADE CONCRETE BY USING COPPER SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATE" submitted by

G. LAKSHMIPATHI	15P31A0164
P. AJAY KUMAR	16P35A0121
S. SWATHI JESSICA	15P31A0195
K. RAVI KRISHNA	15P31A0172
G. MIDHUN KUMAR	15P31A0169
T. VENKATA DINESH	13P31A0153

In partial fulfilment of the requirements for the award of Bachelors of Technology in Civil Engineering, during the academic year 2015-2019. 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


Head of Department
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External Examiner

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Nagar, ADB Road, Surampalem -533437, E.G.Dt., Ph: 99591 76665

DEPARTMENT OF CIVIL ENGINEERING




CERTIFICATE

This is to certify that the thesis entitled "**EXPERIMENTAL BEHAVIOUR AND COMPARISON OF FLY ASH, PALM SHELL FIBRE AND CONGLASS CONCRETE FILLED STEEL TUBULAR COLUMN**" submitted by

T.V.V. SAI PRASANNA	16P35A0123
B.CHANDRA SEKHAR	14P31A0105
S.ANSAR ALI	15P31A0196
T. SATHISH REDDY	15P31A0199
S.SRINIVAS	15P31A0197

in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2018. 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.


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Mr M.SHYAM KUMAR
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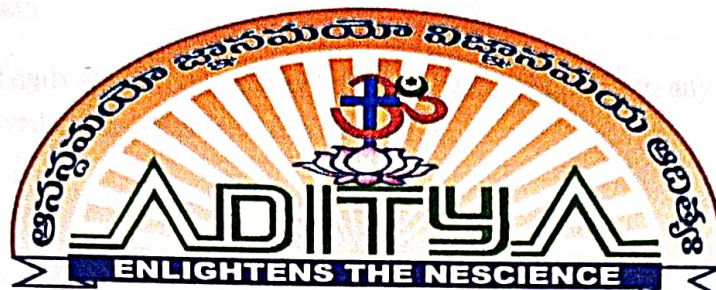
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CERTIFICATE

This is to certify that the thesis entitled "Stabilization of Lime Treated Expansive Soil Using Recycled Gypsum and Disposal Plastic waste" submitted by Lakshmi sivani.S (15P31A0145), Suresh teja.Ch(15P31A0108), Manikanta P.D.V.S(16P35A0109),Pavan.G (15P31A0115), Surya kiran. M (15P31A0133) in partial fulfillment of the requirements for the award of Bachelor of 2019 Technology degree in Civil Engineering, during the academic year 2015-2019.

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CERTIFICATE

This is to certify that the thesis entitled "**MECHANICAL PROPERTIES OF PARTIALLY REPLACED SAND BY COPPER SLAG BASED HDPE FIBER REINFORCED CONCRETE**" submitted by

MANISHA RAM

15P31A0179

D.NAVYA

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15P31A0190

B.KANNA BABU


16P35A0115

AMAN SAGAR

15P31A0153

In partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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EVALUATION REPORT

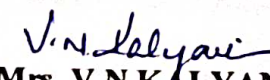
This is to certify that the thesis entitled "AN EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF M50 GRADE CONCRETE BY USING SILICA FUME AS PARTIAL REPLACEMENT FOR CEMENT & COPPER SLAG AS PARTIAL REPLACEMENT OF FINE AGGREGATES" submitted by

S.ANITHA	16P35A0122
K. SAI GANESH	15P31A0171
N.B V SATYA NARAYANA REDDY	15P31A0185
T.YASWANTH SAI KALYAN	15P31A01A0
K. KISHORE VARMA	15P31A0173
R.SAI KIRAN	15P31A0191

In partial fulfilment of the requirements for the award of Bachelors of Technology in Civil Engineering, during the academic year 2014-2018. 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.


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CERTIFICATE

This is to certify that the thesis entitled "**EXPERIMENTAL BEHAVIOUR OF LIGHT WEIGHT CONCRETE INCORPORATING WITH RICE HUSK ASH, PALM KERNEL SHELLS AND BASALT SAND**" submitted by

K.SATYA GOVIND

15P31A0124

PANKAJ GUPTA

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M.SAI DURGA PRASAD

16P35A0108

G.SURYA TEJA

16P35A0103

S.VENKAT SAI

15P31A0146

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CERTIFICATE

This is to certify that the thesis entitled “**EFFECT OF STEEL FIBRES ON SELF-COMPACTING CONCRETE WITH PARTIAL REPLACEMENT OF FLY ASH WITH OPC 53 GRADE CEMENT**” submitted by

G.NAGA VEERA SURYA PAVAN	15P31A0166
P.APARNA	15P31A0187
K.CHAKRAVARTHI	15P31A0177
P.PAVAN	15P31A0188
G.V.N.SAI SATYA TEJA	15P31A0168

In partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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M. DIVYA TEJASWI
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CERTIFICATE

This is to certify that the thesis entitled "Design and Analysis of Slab Culvert" submitted by

K.VENKATA KRISHNA

16P35A0119

T.RAJA

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Y.DHARMA TEJA REDDY

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N.MADHURI KAVYA SRI

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N.SHANTHI KUMARI

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in partial fulfilment of the requirements for the award of Bachelor of Technology degree in Civil Engineering, during the academic year 2015-2019.

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Mr. B. PAVAN KUMAR

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Mr. A. NAGA SAI

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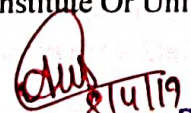
CERTIFICATE

This is to certify that the thesis entitled "**PERFORMANCE ANALYSIS OF ECO-FRIENDLY CONCRETE CONTAINING ACID TREATED RECYCLED AGGREGATES**" submitted by

G.TULASI	16P35A0116
N.RAM KISHORE	15P31A0165
N.YESUBABU	16P35A0120
KUMAR GAURAV	15P31A0176
T.SAI SOMANNA DORA	16P35A0124

In Partial Fulfillment Of The Requirements For The Award Of Bachelor Of Technology Degree In Civil Engineering, During The Academic Year 2015-2019.

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.


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