

1.3.4_CE_file no:2- Report &Certificates / Permission letters

Project Report on

MONITORING AND REDUCING HEAT OF HYDRATION OF CONCRETE BY USING FLYASH AS ADMIXTURE IN DIFFERENT GRADES

Submitted in partial fulfillment of the
requirements for the award of the degree of

MASTERS OF TECHNOLOGY In STRUCTURAL ENGINEERING

Submitted by

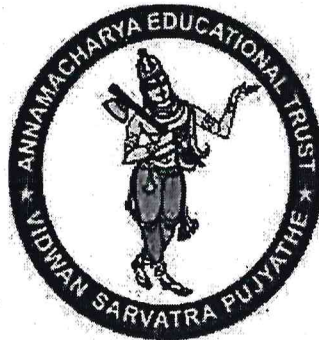
K.HARSHASRI

(20AK1D02002)

Under the esteemed guidance of

K.SAIABHINAV M.Tech (Ph.D.)

Assistant Professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)**

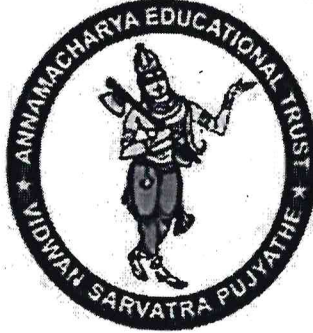
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Recognized under sections 2(f) & 12(B) of UGC Act 1956.)
Tirupati-517520.

2021-2022

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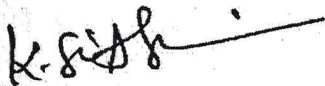
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Tirupati-517520.

DEPARTMENT OF CIVIL ENGINEERING




CERTIFICATE

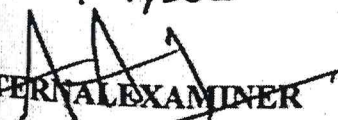
This is to certify that the project work entitled, "MONITORING AND REDUCING HEAT OF HYDRATION OF CONCRETE BY USING FLYASH AS ADMIXTURE IN DIFFERENT GRADES" on by K.HARSHASRI-20AK1D2002 is being submitted in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any degree or diploma.

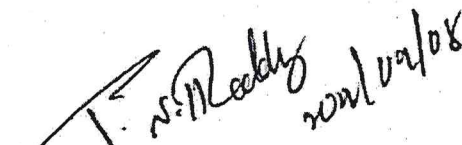

Signature of the Supervisor

K.SAIABHINAV, M.Tech (Ph.D.)
Assistant Professor,
Dept. of Civil Engineering
AITS, Tirupati.


Signature of the Head of the Department
HEAD
ANIL, M.Tech (Ph.D.)
Head of the department,
Dept. of Civil Engineering
AITS, Tirupati.

Date: 08/09/2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

A,

Project Report on

**STUDY ON PROPERTIES OF CONCRETE WITH PARTIAL
REPLACEMENT OF CEMENT BY PUMICE STONE
POWDER**

Submitted in partial fulfillment of the requirements for the award of the degree of
MASTERS OF TECHNOLOGY

In

STRUCTURAL ENGINEERING

Submitted by

V.SATHISH (20AK1D2004)

Under the guidance of

Mr. P.DHANABAL, M.Tech.

Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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2021-2022 .

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Recognized under sections 2(f) & 12(B) of

UGC Act 1956.)Tirupati- 517520.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "STUDY ON PROPERTIES OF CONCRETE WITH PARTIAL REPLACEMENT OF CEMENT BY PUMICE STONE POWDER" on by V.SATHISH- 20AK1D2004 is being submitted in partial fulfillment of the requirements for the award of the degree of **MASTERS OF TECHNOLOGY in STRUCTURAL ENGINEERING** to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any degree or diploma.

Signature of the Supervisor

Mr.P.DHANABAL, M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati

DATE:

Signature of the Head of the Department

Mr A.ANIL M.Tech (Ph.D)

Assistant professor

Department of Civil Engineering

AITS, Tirupati

HEAD
Dept. of Civil Engg.
AITS, Tirupati-517 520

A
Project Report on

EXPERIMENTAL INVESTIGATION ON GEOPOLYMER BRICKS

Submitted in partial fulfillment of the
requirements for the award of the degree of

MASTERS OF TECHNOLOGY In STRUCTURAL ENGINEERING

Submitted by

K.VARSHASRI

(20AK1D02005)

Under the esteemed guidance of

A.KALPANA M.Tech

Assistant Professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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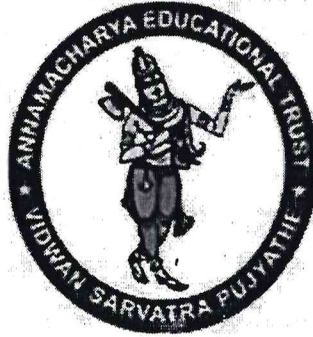
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Tirupati-517520.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "EXPERIMENTAL INVESTIGATION ON GEOPOLYMER BRICKS" on by K.VARSHASRI-20AK1D2005 is being submitted in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any degree or diploma.

Signature of the Supervisor

A.KALPANA, M.Tech
Assistant Professor,
Dept. of Civil Engineering
AITS, Tirupati.

Signature of the Head of the Department

HEAD
Dept. of Civil Engg.
AITS, Tirupati-517520
Dept. of Civil Engineering
AITS, Tirupati.

Date: 08/09/22

INTERNAL EXAMINER
EXTERNAL EXAMINER

A

Project Report on
**OPTIMIZATION OF MIX PROPORTION FOR HIGH
STRENGTH CONCRETE USING GGBS AND SILICAFUME**

Submitted in partial fulfillment of the requirements for the award of the degree of

MASTERS OF TECHNOLOGY

In

STRUCTURAL ENGINEERING

Submitted by

D.VENKATESWARA PRASAD (20AK1D2006)

Under the guidance of

Mrs. D.NIROSHA M.Tech (Ph.D)

Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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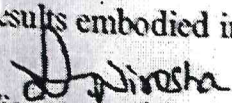
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DEPARTMENT OF CIVIL ENGINEERING



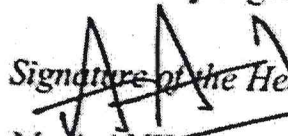
CERTIFICATE

This is to certify that the project work entitled, "OPTIMIZATION OF MIX PROPORTION FOR HIGH STRENGTH CONCRETE USING GGBS AND SILICA FUME" on by D.VENKATESWARA PRASAD-20AK1D2006 is being submitted in partial fulfillment of the requirements for the award of the degree of MASTERS OF TECHNOLOGY in STRUCTURAL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any degree or diploma.


Signature of the Supervisor

Mrs. D.NIROSHTA M.Tech (Ph.D)

Assistant Professor,
Department of Civil Engineering
AITS, Tirupati

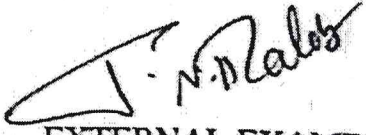

Signature of the Head of the Department

Mr. A. ANIL M.Tech **HEAD**

Dept. of Civil Engg.
Assistant professor
Department of Civil Engineering
AITS, Tirupati-517 520
AITS, Tirupati

DATE: 08/09/22


INTERNAL EXAMINER


EXTERNAL EXAMINER

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
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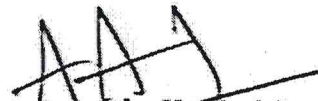


CERTIFICATE

This is to certify that the project work entitled, "ANALYSIS OF REINFORCED CONCRETE FRAMED STRUCTURE(G+15) WITH STEEL BRACING SYSTEM USING ETABS" on by T.LAYA SRI (20AK1D2003) is being submitted in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in STURACTURAL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is are cord of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any degree or diploma.


Signature of the Supervisor

E NARASIMHULU, MTech
Assistant Professor,
Dept. of Civil Engineering
AITS, Tirupati.


Signature of the Head of the Department

A. ANIL, MTech
HEAD
Dept. of Civil Engineering
Head of the department,
AITS, Tirupati-517520
Dept. of Civil Engineering
AITS, Tirupati.

Date: 08/09/22


INTERNALEXAMINER


EXTERNALEXAMINER

A

Project Report on
**Experimental investigation on controlled permeable formwork liner in steel fibre
reinforced concrete**

Submitted in partial fulfillment of the requirements for the award of the degree of

MASTERS OF TECHNOLOGY

In

STRUCTURAL ENGINEERING

Submitted by

A.BALASAI KUMAR (20AK1D2001)

Under the guidance of

Dr. K.THULASI RAJAN, M.Tech (Ph.D)

Associate professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

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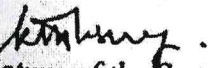
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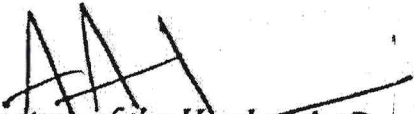


CERTIFICATE

This is to certify that the project work entitled, "EXPERIMENTAL INVESTIGATION ON CONTROLLED PERMEABLE FORMWORK LINER IN STEEL FIBRE REINFORCED CONCRETE" on by A.BALASAI KUMAR-20AK1D2001 is being submitted in partial fulfillment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any degree or diploma.


Signature of the Supervisor

Dr. K.THULASI RAJAN M.Tech (Ph.D)
Department of Civil Engineering
AITS, Tirupati


Signature of the Head of the Department
HEAD
Mr. A.ANIL M.Tech (Ph.D)
Dept. of Civil Engg.
Department of Civil Engineering
AITS, Tirupati-517 520

EFFECT OF SUGARCANE BAGASSE ASH (SBA) ON BEHAVIOR OF RED SOIL

Submitted to

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,
ANANTAPUR.**

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

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

During the Academic year 2021-2022

Submitted By

K.SRAVANI	(18AK1A0115)
S.SADIQ VALI	(19AK5A0121)
V.VIJAY BHASKAR REDDY	(18AK1A0125)
C.TEJASWINI	(18AK1A0119)
S.HEMADRI	(18AK1A0106)

Under the supervision of

Ms. T. Jahnavi (M.Tech.)

Assistant Professor

Department of Civil Engineering



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::TIRUPATI
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Venkatapuram (V), Tirupati 517(A.P.)

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2021 – 2022

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Venkatapuram (V), Tirupati – 517 520 (A.P)

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CERTIFICATE



This is to certify that the work contained in the report entitled "EFFECT OF SUGARCANE BAGASSE ASH (SBA) ON BEHAVIOR OF RED SOIL," is the original work done by

K. SRAVANI	(18AK1A0115)
S. SADIQ VALI	(19AK5A0121)
V.VIJAY BHASKAR REDDY	(18AK1A0125)
C.TEJASWINI	(18AK1A0119)
S. HEMADRI	(18AK1A0106)

is submitted to the faculty of Civil Engineering in partial fulfillment of the requirements for the Degree of 'BACHELOR OF TECHNOLOGY' in Civil Engineering from Jawaharlal Nehru Technology University – A Anantapur during 2021-2022.

Internal Guide

Ms. T. Jahnvi, M.Tech.,

Assistant professor,

Department Of Civil Engineering

Date... 02/07/2022

Internal Examiner

Head of the Department

Mr. A. Anil Kumar, M.Tech (Ph.D.)

Dept. of Civil Engineering,
Assistant professor, HOD,
AITS, Tirupati-517
Department of Civil Engineering

External Examiner

A

Project report on

SUPPLY CHAIN MANAGEMENT IN CONSTRUCTION INDUSTRY

Submitted in partial fulfilment of the
requirements for the award of degree of

BACHELOR OF TECHNOLOGY IN

CIVIL ENGINEERING

Submitted by

P. KRISHNA KUMAR	19AK5A0154
M. GURRAPP	19AK5A0145
Y. DINESH	19AK5A0144
G. LOKESH REDDY	19AK5A0156
N.V. PREM KUMAR	19AK5A0180
M.LAKSHMI NARAYANA REDDY	19AK5A0155

Under the esteemed guidance of

S. UMASHANKARI, M. Tech
Assistant professor, Civil Engineering



CIVIL ENGINEERING

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2021-2022

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sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

Civil engineering




CERTIFICATE

This is to certify that the project work entitled, "SUPPLY CHAIN MANAGEMENT IN CONSTRUCTION INDUSTRY", done by P. KRISHNA KUMAR (19AK5A0154), M. GURRAPPA (19AK5A0145), Y. DINESH (19AK5A0144), G. LOKESH REDDY (19AK5A0156), N.V. PREM KUMAR (19AK5A0180), M.LAKSHMI NARAYANA REDDDY (19AK5A0155) is being submitted in partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonified work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

 27/06/22
Signature of the supervisor

S. UMASHANKARI, M. Tech
Assistant professor
Civil Engineering


Signature of the Head of the Department
HEAD
A. DEPT. OF CIVIL ENGG.
AITS, Tirupati-517 520
Assistant professor

Civil Engineering

 27/6/22
DATE: 02-07-2022 INTERNAL EXAMINER

 27/7/2022
EXTERNAL EXAMINER

A
Project report on

STABILIZATION OF BLACK COTTON SOIL BY USING GGBS AND GRANITE DUST

Submitted in partial fulfillment of the
requirements for the award of degree of

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

Submitted by

G. BHANU PRASAD

19AK5A0136

V. ANAND

19AK5A0132

K. BHARGHAV

19AK5A0138

U. JYOTHISH KUMAR

19AK5A0152

Under the esteemed guidance of

P. HARISH, M.Tech

Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
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2021-2022

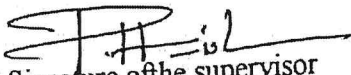


CERTIFICATE


This is to certify that the project work entitled, "STABILIZATION OF BLACK COTTON SOIL BY USING GGBS AND GRANITE DUST", done by

G. BHANU PRASAD	19AK5A0136
V. ANAND	19AK5A0132
K. BHARGHAV	19AK5A0138
U. JYOTHISH KUMAR	19AK5A0152

is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonafied work carried out by them under my guidance and supervision.


Signature of the supervisor

P. HARISH
Asst Professor
Civil Engineering


Signature of the Head of the Department

A. HEAD
Dept. of Civil Engg.
Asst Professor
AITS, Tirupati-517 520
Civil Engineering

DATE: 02/07/22


INTERNAL EXAMINER


EXTERNAL EXAMINER

**A PROJECT REPORT
ON
“EVALUATING THE HEAT OF HYDRATION IN DIFFERENT GRADES
OF CONCRETE”**

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.

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

**BACHELOR OF TECHNOLOGY IN
CIVIL ENGINEERING**

During the Academic year 2021-2022

Submitted By

T. THIRUMALA REDDY	(19AK5A0177)
K. CHAITHANYA KUMAR	(19AK5A0139)
P. PETER	(19AK5A0161)
V. SAI HARI KRUPA	(19AK5A0167)
C. SINDHU	(19AK5A0171)

Under the supervision of

K SAI ABHINAV, M.Tech [Ph.D.]

Assistant professor,

Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::TIRUPATI

Affiliated to JNTUA, ANANTAPURAMU & Approved by AICTE, New Delhi

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2021 - 2022

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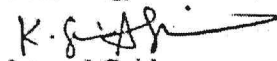
CERTIFICATE



This is to certify that the work contained in the report entitled “EVALUATING THE HEAT OF HYDRATION IN DIFFERENT GRADES OF CONCRETE” is the original work done by

T. THIRUMALA REDDY	(19AK5A0177)
K. CHAITHANYA KUMAR	(19AK5A0139)
P. PETER	(19AK5A0161)
V. SAI HARI KRUPA	(19AK5A0167)
C. SINDHU	(19AK5A0171)

Is submitted to the faculty of Civil Engineering in partial fulfillment of the requirements for the Degree of “BACHELOR OF TECHNOLOGY” in Civil Engineering” from Jawaharlal Nehru Technology University – A Anantapur during 2021-2022.


Internal Guide

K SAI ABHINAV, M.Tech [Ph.D.]

Assistant professor,

Department of Civil Engineering,

A.I.T.S, TPT.

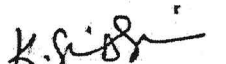

Head of the Department
HEAD

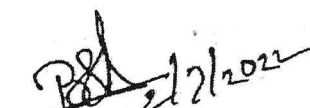
Asst. Prof. in Civil Engg.
AITS, Tirupati-517 520
HOD, Assistant professor,

Department of Civil Engineering,

A.I.T.S, TPT.

Date 02-07-2022


Internal Examiner


External Examiner

PROJECT REPORT
ON
AN EXPERIMENTAL INVESTIGATION ON GEO POLYMER BRICKS
Submitted to :
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.
In partial fulfillment of the requirements for the award of the degree of
BACHELOR OF TECHNOLOGY IN
CIVIL ENGINEERING
During the Academic year 2021-2022

Submitted By

G. PAVAN KUMAR	19AK5A0159
K. PRAVEEN	19AK5A0163
O. BHARATH	19AK5A0137
CH. VINAY KUMAR	19AK5A0181
S. VAMSI KRISHNA VISHAL	19AK5A0178

Under the supervision of

A. KALPANA, MTech
Assistant Professor,
Department of Civil Engineering,



DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::TIRUPATI
Affiliated to JNTUA, ANANTAPURAMU & Approved by AICTE,
New Delhi, Venkatapuram (V), Tirupati 517520
(A.P.) www.aitis-tpt.edu.in 2021 - 2022

CERTIFICATE

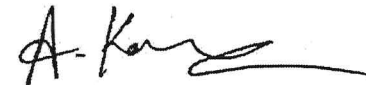
DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Affiliated to JNTUA, ANANTAPUR & Approved by AICTE New
Delhi Venkatapuram (V), Tirupati – 517 520 (A.P)
www.aitshhttp://www.aitst-tpt.edu.in/tpt.edu.in



This is to certify that the work contained I the report entitled
“AN EXPERIMENTAL INVESTIGATION OF GEOPOLYMER BRICKS”
is the original work done by

G. PAVAN KUMAR	(19AK5A0159)
K. PRAVEEN	(19AK5A0163)
O. BHARATH	(19AK5A0137)
CH. VINAY KUMAR	(19AK5A0181)
S. VAMSI KRISHNA VISHAL	(19AK5A0178)

Is submitted to the faculty of Civil Engineering in partial fulfilment of the requirements for the
Degree of “BACHELOR OF TECHNOLOGY” in Civil Engineering” from Jawaharlal Nehru
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A.KALPANA, MTech,

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Head of the Department

A.ANIL, MTech, Phd
HEAD
Dept. of Civil Engg.

HOD Department of Civil Engineering,
A.I.T.S, Tirupati 517 520

A.I.T.S,TPT.

**A PROJECT REPORT
ON**

**“CONVERSION OF ANNAMACHARYA INSTITUTE OF TECHNOLOGY
AND SCIENCES (TIRUPATI) INTO GREEN BUILDING”**

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.

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

BACHELOR OF TECHNOLOGY IN

CIVIL ENGINEERING

During the Academic year 2021-2022

Submitted By

G. SOMASEKHAR

(19AK5A0172)

G. S. SHANMUGA SRINIVASULU REDDY

(19AK5A0168)

D. SREEKANTH

(19AK5A0173)

G. HEMANTH KUMAR

(19AK5A0148)

P. RAVI CHANDRA

(19AK5A0166)

Under the supervision of

**P. Vishnu priya, M.Tech,
Assistant professor,
Department of Civil Engineering**



**DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES: TIRUPATI**

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New Delhi Venkatapuram (V), Tirupati 517520 (A.P.)

www.aita-tpt.edu.in

2021 - 2022

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Affiliated to JNTUA, ANANTAPUR & Approved by AICTE New Delhi
Venkatapuram (V), Tirupati – 517 520 (A.P)

www.aits-tpt.edu.in


CERTIFICATE



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G. SOMASEKHAR	(19AK5A0172)
G. S. SHANMUGA SRINIVASULU REDDY	(19AK5A0168)
D. SREEKANTH	(19AK5A0173)
G. HEMANTH KUMAR	(19AK5A0148)
P. RAVI CHANDRA	(19AK5A0166)

Is submitted to the faculty of Civil Engineering in partial fulfillment of the requirements for the Degree of "BACHELOR OF TECHNOLOGY" in Civil Engineering" from Jawaharlal Nehru Technology University – A Anantapur during 2021-2022.


Internal Guide

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Head of the Department

A. Anil, M.Tech [Ph.D.]
HEAD

Head of the Department,
AITS, Tirupati-517 520
Department of Civil Engineering,

A.I.T.S, TPT.

Date.....02/07/2022


External Examiner

A
Project report on

STUDY ON PROPERTIES OF CONCRETE WITH IRON SLAG

Submitted in partial fulfillment of the requirements
for the award of degree of

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

Submitted by

S.DHANUSH KUMAR	19AK5A0142
R. ACHYUTH	19AK5A0130
T. DAMODARAM	19AK5A0141
K.SRINIVASULU	19AK5A0174
M.SUMANTH	19AK5A0175

Under the esteemed guidance of
P.DHANABAL, M.Tech
Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)**

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

2020-2021



CERTIFICATE

This is to certify that the project work entitled, "STUDY ON PROPERTIES OF CONCRETE WITH IRON SLAG" ,done by

S .DHANUSH KUMAR	19AK5A0142
R. ACHYUTH	19AK5A0130
T. DAMODHARAM	19AK5A0141
K.SRINIVASULU	19AK5A0174
M.SUMANTH	19AK5A0175

is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonafied work carried out by them under my guidance and supervision.

Signature of the supervisor

P.DHANABAL

Asst Professor

Civil Engineering

Signature of the Head of the Department

HEAD
Dept. of Civil Engg.
AITS, Tirupati
Asst Professor
Civil Engineering

DATE: 02/07/22

INTERNAL EXAMINER

EXTERNAL EXAMINER

**A PROJRCT REPORT ON
TRAFFIC SPOT SPEED STUDIES AT SRINIVASA SETU**

Submitted to

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERCITY ANANTAPUR,
ANANTAPURAMU.**

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

During the academic year 2021-2022

Submitted By

P. SUSHMA	(18AK1A0117)
B. SAGAR NAIK	(19AK5A0122)
K. SABEENA	(18AK1A0111)
B. SIVA SAI	(18AK1A0114)
S. SANDEEP	(18AK1A0112)

Under the Supervision of

S. SAMEER M.TECH.

Assistant professor, Department of Civil Engineering,



**DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES**

Affiliated to JNTUA, ANANTAPURAMU & Approved by AICTE, New Delhi

Venkatapuram (V), Tirupati-517520(A.P.)

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2021-2022

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
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Venkatapuram (V), Tirupati-517520{A.P.}

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CERTIFICATE



This is to certify that the project entitled "TRAFFIC SPOT SPEED STUDIES AT SRINIVASA SETU" is a bonafide work done by the Under my supervision and guidance, in partial fulfilment of the requirement for The award of the "Bachelor of Technology in Civil Engineering" during the Academic year 2021-2022

Submitted By

P. SUSHMA

(18AK1A0117)

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(19AK5A0122)

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S. SANDEEP

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Department of Civil Engineering.

Head of the Department

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AITS, Tirupati-517520.
Department of Civil Engineering

A.I.T.S, TPT.

External Examiner

Date: 2-07-2022

A Project Report

On

**“DESIGN & CONSTRUCTION OF GRAVITY DAM(MINIATURE) BY
USING HIGH-STRENGTH CONCRETE”**

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.

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

**BACHELOR OF TECHNOLOGY IN
CIVIL ENGINEERING**

During the Academic year 2021-2022

Submitted By

S. SHARUKH ALI	(19AK5A0170)
M. DILLIRANI	(19AK5A0143)
T. HARISH	(19AK5A0146)
J. HARSHITHA	(19AK5A0147)
S. JABBAR	(19AK5A0150)

Under the supervision of

Anil, M.Tech [Ph.D.]
HOD, Assistant professor,
Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::TIRUPATI

Affiliated to JNTUA, ANANTAPURAMU & Approved by AICTE, New Delhi

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2021 - 2022

DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Affiliated to JNTUA, ANANTAPUR & Approved by AICTE New Delhi
Venkatapuram (V), Tirupati – 517 520 (A.P)

www.aits-tpt.edu.in

CERTIFICATE



This is to certify that the work contained in the report entitled “, DESIGN & CONSTRUCTION OF GRAVITY DAM (MINIATURE) BY USING HIGH-STRENGTH CONCRETE” is the original work done by

S. SHARUKH ALI	(19AK5A0170)
M. DILLIRANI	(19AK5A0143)
T. HARISH	(19AK5A0146)
J. HARSHITHA	(19AK5A0147)
S. JABBAR	(19AK5A0150)

Is submitted to the faculty of Civil Engineering in partial fulfillment of the requirements for the Degree of “BACHELOR OF TECHNOLOGY” in Civil Engineering” from Jawaharlal Nehru Technology University – A Anantapur during 2021-2022.


Internal Guide

A. Anil, M.Tech [Ph.D.]

HOD, Assistant professor,

Department of Civil Engineering,

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Head of the Department

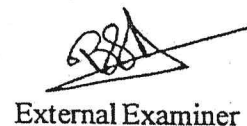
A. Anil, M.Tech [Ph.D.]

HOD, Assistant professor,
Dept. of Civil Engg.

Department of Civil Engineering,

A.I.T.S, TPT.

Date...02-07-2022.....


External Examiner

A PROJECT REPORT

ON

**“PRELIMINARY INVESTIGATION ON HIGH STRENGTH
CONCRETE BY USING GGBS AND SILICA FUME”**

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.

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

BACHELOR OF TECHNOLOGY IN

CIVIL ENGINEERING

During the Academic year 2020-2021

Submitted By

M.BASAVARAJU (19AK5A0135)

N.VEEERENDRA (19AK5A0179)

M.NAVEEN (19AK5A0158)

G.PRAVEEN KUMAR (19AK5A0164)

R.VISWANATH (19AK5A0157)

Under the supervision of

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Assistant Professor,

Department of Civil Engineering.



DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::TIRUPATI

Affiliated to JNTUA, ANANTAPURAMU & Approved by AICTE.

New Delhi Venkatapuram(V), Tirupati 517520 (A.P.)

www.aitis - tpl.edu.in 2021 - 2022

DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE

Affiliated to JNTUA, ANANTAPUR & Approved by AICTE New Delhi Venkatapuram (V),

Tirupati – 517 520 (A.P) www.aitst-tpt.edu.in

CERTIFICATE



This is to certify that the work contained in the report entitled “, PRELIMINARY INVESTIGATION ON HIGH STRENGTH CONCRETE BY USING GGBS AND SILICA FUME” is the original work done by

M.BASAVARAJU	(19AK5A0135)
N.VEEERENDRA	(19AK5A0179)
M.NAVEEN	(19AK5A0158)
G.PRAVEEN KUMAR	(19AK5A0164)
R.VISWANATH	(19AK5A0157)

Is submitted to the faculty of Civil Engineering in partial fulfillment of the requirements for the Degree of “BACHELOR OF TECHNOLOGY” in Civil Engineering” from Jawaharlal Nehru Technology University – A Anantapur during 2021-2022.


Internal Guide


D.Nirosha, M.Tech(Ph.D)

Assistant professor,

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Date 2-02-2022


Head of the Department
Dept. of Civil Engg.
AITS, Tirupati-517520

HOD, Assistant professor,

Department of Civil Engineering,

A.I.T.S, TPT


External Examiner

A
Project report on

EXPERIMENTAL INVESTIGATION ON THE PROPERTIES OF RECYCLED COARSE AGGREGATE CONCRETE

Submitted in partial fulfillment of the
requirements for the award of degree of

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

Submitted by

H. SAJIYA SULTHANA	19AK5A0124
A. KRISHNA TEJA	19AK5A0111
G. SAI	19AK5A0123
W. CHANDAN VENKAT SAI	19AK5A0103
D. NAVEEN	17AK1A0127

Under the esteemed guidance of

B. BABY, M.Tech

Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two
B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by
NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India),
KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) &
12(B) of UGC Act 1956.) Tirupati- 517520.
2021-2022



CERTIFICATE

This is to certify that the project work entitled, "EXPERIMENTAL INVESTIGATION ON THE PROPERTIES OF RECYCLED COARSE AGGREGATE CONCRETE", done by

H. SAJIYA SULTHANA	19AK5A0124
A. KRISHNA TEJA	19AK5A0111
G. SAI	19AK5A0123
W. CHANDAN VENKAT SAI	19AK5A0103
D. NAVEEN	17AK1A0127

is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonafied work carried out by them under my guidance and supervision.

B. Baby
Signature of the supervisor

B. BABY
Asst Professor
Civil Engineering

[Signature]
Signature of the Head of the Department

Dept. of Civil Engg.
A. ANIL
AITS, Tirupati-517 520
Asst Professor

Civil Engineering

B. Baby
DATE: 02/07/2022 INTERNAL EXAMINER

[Signature]
EXTERNAL EXAMINER

A

Project report on

**“ANALYSIS & DESIGN OF EARTHQUAKE RESISTANT BUILDING
USING STAAD.Pro”**

Submitted in partial fulfilment of the requirements for the award of degree of

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

(During the academic year 2021-2022)

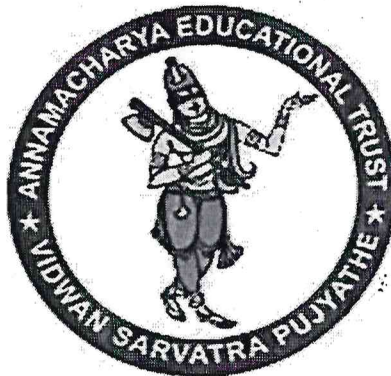
Submitted By

T. TEJASWI	-	18AK1A0118
P. BHUVAN TEJA	-	18AK1A0104
M.RANJITH	-	18AK1A0110
V.VIGNESH	-	18AK1A0124
C.BRAMHA KUMAR	-	18AK1A0105

Under the esteemed guidance of

MEENU SRI PRIYA M. Tech.,

Asst professor, Civil Engineering



Annamacharya Institute of Technology & Sciences, Tirupati (Autonomous)

Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu.

Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi.

**Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India),
KOLKATA.**

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES,
TIRUPATI (AUTONOMOUS)**
(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two
B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by
NAAC with 'A')

**Department of Civil Engineering
2018-2022**



CERTIFICATE

This is to certify that the project titled "ANALYSIS & DESIGN OF AN
EARTHQUAKE RESISTANT BUILDING USING STAAD.Pro" is being
submitted by :

T. TEJASWI	-	18AK1A0118
P. BHUVAN TEJA	-	18AK1A0104
M.RANJITH	-	18AK1A0110
V.VIGNESH	-	18AK1A0124
C.BRAMHA KUMAR	-	18AK1A0105

in B. Tech CIVIL ENGINEERING is a record bonafide work carried out by
them. The results embodied in this report have not been submitted to any other
University for the award of any degree.

Meenu Sri Priya
GUIDE
Mrs. MEENU SRI PRIYA M.Tech.,
Assistant Professor, Civil Engineering
AITS TIRUPATI

ANIL
HEAD OF THE DEPARTMENT
ANIL M. Tech, (Ph.D.)
Asst. Professor, Civil Engineering
AITS, Tirupati
AITS TIRUPATI

Submitted for the University viva-voice Examination held on 2/07/2022

Meenu Sri Priya
INTERNAL EXAMINER

ANIL
EXTERNAL EXAMINER

A PROJECT ON

**“EXPERIMENTAL INVESTIGATION ON FLY ASH BRICKS
USING SUGARCANE FIBER AND STONE DUST”**

Submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR.

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

BACHELOR OF TECHNOLOGY

IN

CIVIL ENGINEERING

During the Academic year 2021-2022o

Submitted By

U. SURESH	-	18AK1A0116
N. VAISHNAVI	-	18AK1A0122
V. SATHISH	-	18AK1A0113
M. BALA MANIKANTA	-	18AK1A0101
K. PRASANTH KUMAR	-	18AK1A0108

Under the supervision of

Sri P. NARENDRA REDDY, M.Tech,

Assistant Professor,

Department of Civil Engineering



**DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES:
TIRUPATI**

**Affiliated to JNTUA, ANANTAPURAMU & Approved by AICTE, New Delhi Venkata Puram (V),
Tirupati 517520 (A.P.)**

www.aitis-tpt.edu.in

2021 – 2022

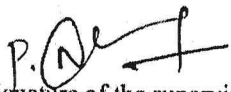
**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND
SCIENCES (AUTONOMOUS) & TIRUPATI**


(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA,
Anantapuramu. Two B. Tech Programmers (CSE & ECE) are accredited by NBA,
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Institution of Engineers (India), KOLKATA. A-grade awarded by AP. Knowledge
Mission. Recognized under sections 2(f)&12(B) of UGC Act 1956.)
Tirupati- 517520.




Certificate

This is to certify that the project work entitled, "EXPERIMENTAL INVESTIGATION ON FLYASH BRICKS USING SUGAR CANE FIBERS AND STONE DUST" done by U. SURESH (18AK1A0116), N.VYSHNAVI (18AK1A0122), V. SATHISH (18AK1A0113), M.BALA MANIKANTA (18AK1A0101), K. PRASANTH KUMAR (18AK1A0108) is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of benefited work carried out by the under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.


Signature of the supervisor
Sri P. NARENDRAREDDY, M.Tech,
Assistant Professor
Civil Engineering


Signature of the Head of the Department
Mr. A. ANIL, M.Tech. (Ph.D.),
HEAD
Dept. of Civil Engg.
Assistant Professor
AITS, Tirupati-517520
Civil Engineering

DATE: 02-07-2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
EXPERIMENTAL INVESTIGATION OF CONTROLLED PERMEABLE
FORMWORKLINER ON THE MECHINICAL PROPERTIES OF
'GEOPOLYMER CONCRETE'

Submitted in

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANNATAPUR

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

BACHELOR OF TECHNOLOGY IN
CIVIL ENGINEERING

Submitted by

MODAMDARULU UMESH	18AK1A0121
PALYAM NARASIMHA	18AK1A0107
VONTERU BALA VENKATA SAI	18AK1A0102
PEETALA THARUN TEJA	18AK1A0120
ERIKALA MUNGA DAYANANDA	19AK5A0105

Under the esteemed guidance of
Dr. K. THULASIRAJAN, M. Tech, Ph.D.,
Associate Professor, Civil Engineering



CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES(AUTONOMOUS)

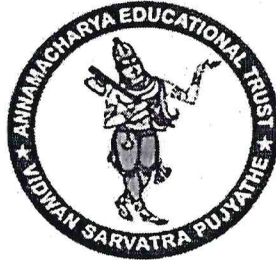
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2021-2022

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)**

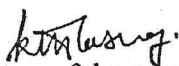
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CIVIL ENGINEERING




Certificate

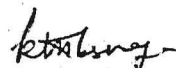
This is to certify that the project work entitled, "A PROJECT REPORT ON EXPERIMENTAL INVESTIGATION OF CONTROLLED PERMEABLE FORMWORK LINER ON THE MECHANICAL PROPERTIES OF GEOPOLYMER CONCRETE", done by M. UMESH (18AK1A0121), P. NARASIMHA (18AK1A0107), VONTERU BALA VENKATA SAI (18AK1A0102), P. THARUN TEJA (18AK1A0120), EM. DAYANADHA (19AK5A0105) is being submitted in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya institute of technology and sciences, Tirupati, is a record of bonafide work carried out by the under my guidance and supervision. the results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.


Signature of the supervisor

Dr. K. THULASIRAJAN, M. Tech, Ph.D.,
Associate Professor, Civil Engineering


Signature of the ~~HEAD~~ the department
Dept. of Civil Engg.
M. A. ANIL, M. Tech, (Ph.D.),
AITS Tirupati-517520
Assistant Professor, Civil Engineering

DATE: 2/7/2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT
ON
“BEHAVIOUR AND STABILITY ANALYSIS OF THE
REINFORCED (GEOGRID) EARTH RETAINING
WALL BY USING PLAXIS-2D”

Submitted to
JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, ANANTAPUR.

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

BACHELOR OF TECHNOLOGY
IN CIVIL ENGINEERING

During the Academic year 2021-2022

Submitted By
M.KIRAN KUMAR : 19AK5A0110
R. MARUTHI VARAPRASAD REDDY : 19AK5A0112
P. PAVAN SAI : 19AK5A0114
C.PREMENDRANATH : 19AK5A0118
M.SRIKANTH : 19AK5A0127

Under the supervision of
A. MADAN MOHAN, M.Tech
Assistant professor,
Department of Civil Engineering.



DEPARTMENT OF CIVIL ENGINEERING
ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::TIRUPATI

Affiliated to JNTUA, ANANTAPURAMU & Approved
by AICTE, New Delhi Venkatapuram (V), Tirupati 517520

(A.P.)

www.aits-tpt.edu.in

2021-2022

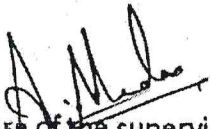



CERTIFICATE

This is to certify that the work contained in the report entitled "BEHAVIOUR AND STABILITY ANALYSIS OF THE REINFORCED (GEOGRID) EARTH RETAINING WALL BY USING PLAXIS -2D" is the original work done by

M.KIRAN KUMAR	: 19AK5A0110
R. MARUTHI VARAPRASAD REDDY	: 19AK5A0112
P. PAVAN SAI	: 19AK5A0114
C.PREMENDRANATH	: 19AK5A0118
M.SRIKANTH	: 19AK5A0127

Is submitted to the faculty of Civil Engineering in partial fulfillment of the requirements for the Degree of "BACHELOR OF TECHNOLOGY" in Civil Engineering" from Jawaharlal Nehru Technology University – A Anantapur during 2021-2022


Signature of the supervisor
A. MADAN MOHAN
Asst Professor
Civil Engineering


Signature of the Head of the Department
HEAD
Dept. of Civil Engg.
AITS Tirupati-517 520
Asst Professor
Civil Engineering

DATE: 02/09/22


INTERNAL EXAMINER


EXTERNAL EXAMINER

A Report on
SURVEY CAMP
EXPERIENCEING ENGINEERING SURVEY

Submitted in partial fulfillment of the
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IN
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Submitted by

M GANESH	19AK1A0107
J HEMAVATHI	19AK1A0108
G JAGADEESWAR REDDY	19AK1A0109
P JANARGDHAN	19AK1A0110
T JASWANTH	19AK1A0111
R JAYANTH	19AK1A0112

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



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Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

Signature of the Head of the Department

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D KALAVATHI	19AK1A0115
D LAKSHMIKAR	19AK1A0116
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G PREMA KUMARI	19AK1A0122
P PURUSHOTHAM	19AK1A0123
D RAJU	19AK1A0124
P REDDY VEERA BHARTH	19AK1A0125

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K SAI RITHVIK REDDY	19AK1A0127
S SAI SRINIVAS	19AK1A0128
G SANDEEP KUMAR REDDY	19AK1A0129
P SARALA	19AK1A0130
SHAIK MOHAMMED JAHEERUDDIN	19AK1A0131

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A SRI SAI	19AK1A0134
P SUREKHA	19AK1A0135
M SURENDRA NAIDU	19AK1A0136
G THARUN	19AK1A0137

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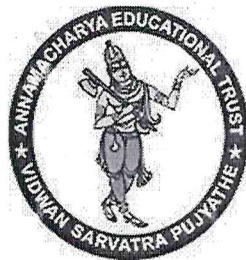
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C VENKATESWARULU	19AK1A0140
N VIJAY KUMAR	19AK1A0141
K VINAY	19AK1A0142
VINAY KAMATHAM	19AK1A0143
T VIVEKANANDA	19AK1A0144

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N YASWANTH	19AK1A0145
A YOGASREE	19AK1A0146
	17AK1A0103

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S ASHISH KUMAR	19AK1A0102
K CHANDRA KIRAN	19AK1A0103
N CHANDU	19AK1A0104
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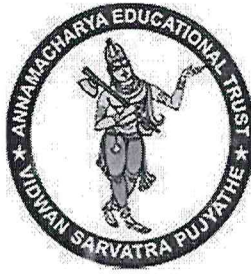
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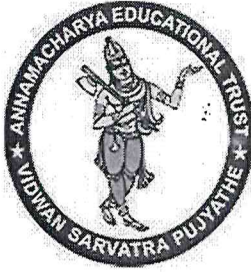

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**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

Submitted by

V GOWTHAM	20AK5A0113
K HEMA SAI KRISHNA ROYAL	20AK5A0114
P JAHNAVI	20AK5A0115
V JITHENDRABABU	20AK5A0116
K KRANTHIMAI	20AK5A0117
G MADHAN	20AK5A0118

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)**

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two
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KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f)& 12(B)
of UGC Act 1956.) Tirupati- 517520.
2022-2023



CERTIFICATE

This is to certify that the project work entitled, "EXPERIENCING ENGINEERING SURVEY", done by

V GOWTHAM	20AK5A0113
K HEMA SAI KRISHNA ROYAL	20AK5A0114
P JAHNAVI	20AK5A0115
V JITHENDRABABU	20AK5A0116
K KRANTHIMAI	20AK5A0117
G MADHAN	20AK5A0118

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Signature of the supervisor

E. NARASIMHULU M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

Signature of the Head of the Department

A. ANIL M.Tech, (Ph.D)

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

A Report on
SURVEY CAMP
EXPERIENCEING ENGINEERING SURVEY

Submitted in partial fulfillment of the
requirements for the award of degree of

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

Submitted by :

N MAHENDRA	20AK5A0119
M MOUNIKA	20AK5A0120
G MUNIGANGADHAR	20AK5A0121
N NAGA BRAMHANANDA REDDY	20AK5A0122
P NARASIMHA	20AK5A0123
G NEVIL KUMAR	20AK5A0124

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



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Signature of the supervisor

E. NARASIMHULU M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

Signature of the Head of the Department

A. ANIL M.Tech, (Ph.D)

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

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CIVIL ENGINEERING**

Submitted by

K V OMKARI	20AK5A0125
P PRAVEEN	20AK5A0126
B PRUDHVI RAJ	20AK5A0127
M REVATHI	20AK5A0128
Y RUKESH	20AK5A0129
C SAI DHEERAJ REDDY	20AK5A0130

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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2022-2023




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Signature of the supervisor

E. NARASIMHULU M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.


Signature of the Head of the Department

Dep. of Civil Engg.
AITS, Tirupati-517 520
A. ANIL M.Tech, (Ph.D)

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

A Report on
SURVEY CAMP
EXPERIENCEING ENGINEERING SURVEY

Submitted in partial fulfillment of the
requirements for the award of degree of

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IN
CIVIL ENGINEERING**

Submitted by

SHAIK AZEEZ AHAMMAD 20AK5A0131

SHAIK KHAJA HUSSEN 20AK5A0132

SHAIK MANJOOR 20AK5A0133

SHAIK MUZAHIDDIN 20AK5A0134

U SHIREESHA 20AK5A0135

B SRINADH 20AK5A0136

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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2022-2023



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Signature of the supervisor

E. NARASIMHULU M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.


Signature of the Head of the Department

A. ANIL M.Tech, (Ph.D)

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

A Report on
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CIVIL ENGINEERING**

Submitted by

V SUDHAKAR	20AK5A0137
B SUDHEER	20AK5A0138
S SURESH	20AK5A0139
S VARUN KUMAR REDDY	20AK5A0140
B VENKATA KRISHNA	20AK5A0141
G VENKATA NARAYANA REDDY	20AK5A0142

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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2022-2023



CERTIFICATE

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V SUDHAKAR 20AK5A0137

B SUDHEER 20AK5A0138

S SURESH 20AK5A0139

S VARUN KUMAR REDDY 20AK5A0140

B VENKATA KRISHNA : 20AK5A0141

G VENKATA NARAYANA REDDY 20AK5A0142

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Signature of the supervisor

E. NARASIMHULU M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

Signature of the Head of the Department

A. ANIL M.Tech, (Ph.D)

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

A Report on
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EXPERIENCEING ENGINEERING SURVEY

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requirements for the award of degree of

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

Submitted by

M VENKATESH PRAVEEN KUMAR	20AK5A0143
A VENU GOPAL	20AK5A0144
C VIJAY KUMAR	20AK5A0145
K VINOD KUMAR	20AK5A0146
K YAMINI	20AK5A0147
B YUGANDHAR	20AK5A0148
SENDIL KUMAR MURALI KRISHNA	20AK5A0149

Under the esteemed guidance of
E. NARASIMHULU, M.Tech
Assistant professor, Department of Civil Engineering



DEPARTMENT OF CIVIL ENGINEERING

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C VIJAY KUMAR	20AK5A0145
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SENDIL KUMAR MURALI KRISHNA	20AK5A0149

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Signature of the supervisor

E. NARASIMHULU M.Tech

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

Signature of the Head of the Department

A. ANIL M.Tech, (Ph.D)

Assistant Professor

Department of Civil Engineering

AITS, Tirupati.

**1.3.4_CE_file no:3- Report of the field visit /
sample photographs of the field projects**

Report of the field visit / sample photographs of the field projects

DEPARTMENT OF CIVIL ENGINEERING

Community Service project

Second year civil Engineering student's undergone Community Service project. Community service is donated service is performed by our students for the benefit of public institutions the community of Venkatapuram village was cleared of dirty and also provided the Water Filtration techniques conducted soil and water testing and filtration techniques used for water treatment and also road rehabilitation techniques for repairing of roads by students of Civil Engineering students, Annamacharya Institute of Technology & Sciences, Tirupati.

Water Collection & Water Testing & Filtration Technique awareness



Socially relevant project

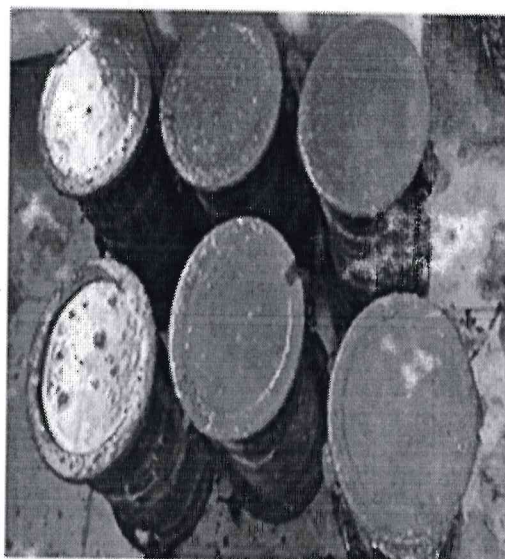
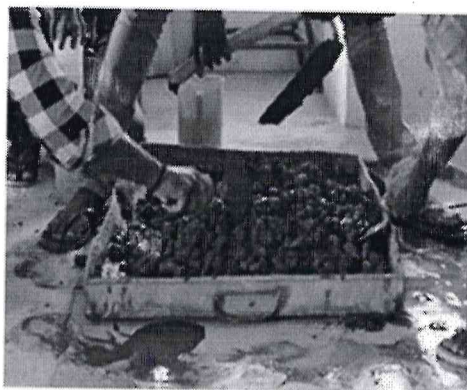
Third year Civil Engineering students undergone socially relevant project which helps them to enhance the knowledge on pollution and environmental related issues, waste replacement and energy saving green building concepts ect..

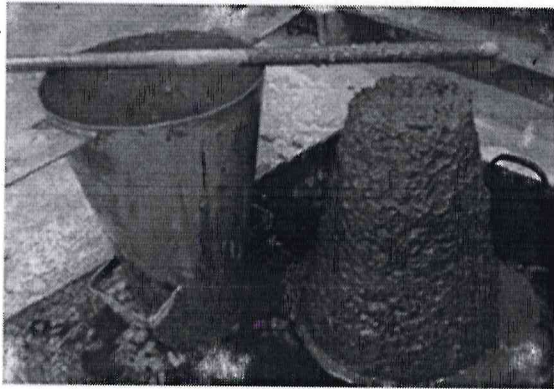
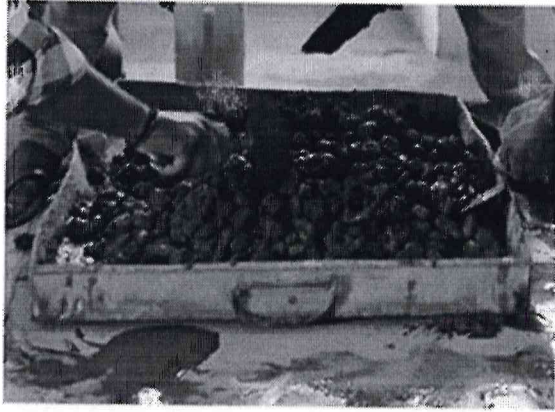


Field Project

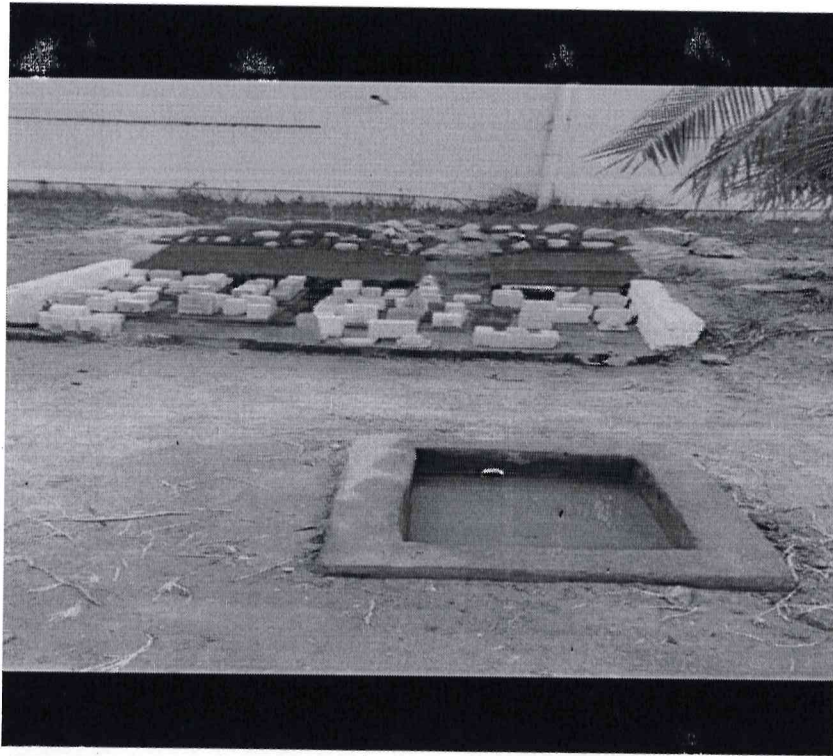
Final year civil engineering student's undergone field projects in their core subject area like determination of fresh and hardened properties of concrete, environmental engineering related projects and traffic volume related projects













ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND

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Department of Civil Engineering



CERTIFICATE

This is to certify that the project work entitled as the,

PREPARATION OF CONCRETE USING GOLD MINE WASTE, Done by S. CHARAN (20AK5A0105), A. GAYATHRI

(20AK5A0112), N. BRAHMANANDHA REDDY (20AK5A0122), S.

MUZAHIDDIN (20AK5A0134), M.V. PRAVEEN KUMAR

(20AK5A0143) is being submitted in partial fulfillment of the requirements for the award of

the degree of BACHELOR OF TECHNOLOGY in Department of CIVIL ENGINEERING to the Annamacharya Institute of Technology and

Science, Tirupati, is a record of bona fide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institution for the award of any degree or diploma.

Signature of the Supervisor

MR. E. NARASIMHULU

ASSISTANT PROFESSOR

Department of Civil Engineering

DATE: 22-06-22

INTERNAL EXAMINER

Signature of the Head of the Department

SRI. MR. A. ANIL

HEAD

Department of Civil Engineering

EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

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CERTIFICATE

This is to certify that the project work entitled, "SOLUTION TO ECOLOGICAL-HYDROLOGICAL PROCESSES IN ARID ENVIRONMENT" done by G.NEVIL C.DHANASEKHAR TEJA (20AK5A0108), B.SUDHEER (20AK5A0138) is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor	Dr. K. Thulasirajan M.Tech. Ph.D	Associate Professor, Civil Engineering
Head of the Department	A. Anil	Assistant Professor, Civil Engineering Tirupati-517520

DATE: 30-06-22

INTERNAL EXAMINER

EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES: TIRUPATI
(AUTONOMOUS)
 Venkatapuram(V), Karakambadi(Po), Renigunta(M), Tirupati-517520, A.P.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that this is a bonafide record of the socially relevant project report entitled, "Effective utilization of Construction and demolition waste in Tirupati", done by G. Nevil kumar, REG NO. 20AK5A0124, G. Muni gangadhar, REG NO. 20AK5A0121, G. Madhan, REG NO. 20AK5A0118, C. Dhana shekhar Teja, REG NO. 20AK5A0108, B. Sudheer REG NO. 20AK5A0138, Submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY in Civil Engineering from Jawaharlal Nehru Technological University-A, Ananthapur during the year 2019-2023.

Signature of the Supervisor
 Date: 30-06-22
 Place: Tirupathi.

Head of the Department
 Mr. A. Anil, M.Tech (Ph.D)
 Assistant Professor
 Dept. of CE,
 AITS, Tirupati
 Faculty Coordinator
 AITS, Tirupati

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

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CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "**GREEN SMART BUILDING BY USING WASTE MATERIALS**", done by 20AK5A0(106,109,119,131,139) is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING**

to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
T.SAI KRISHNA
(Asst Pro. M-Tech)

Signature of the Head of the Department
MR.A.ANIL
(Asst Pro.M-Tech)

INTERNAL EXAMINER

DATE: 30-06-22

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

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CIVIL ENGINEERING



CERTIFICATE

*This is to certify that the project work entitled, "REVIEW AND ANALYSIS OF DROUGHT MONITORING, DECLARATION AND MANAGEMENT IN INDIA", done by 20AK5A0(106,109,119,131,139) is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.*

Signature of the Supervisor
T.SAI KRISHNA
(Asst Prof. M.Tech)

Signature of the Head of the Department
A.ANIL
(Asst Prof. M.Tech)
Dept. of Civil Engg.
AITS, Tirupati-517 520

INTERNAL EXAMINER

DATE: 30-06-22

A

Project Report on

RECYCLING AND REUSE OF BUILDING MATERIALS

Submitted in partial fulfillment of the requirements
for the award of the degree of

BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted by

ANJALI VARIKOLLA
JITHENDRABABU VELURU
SHAIK KHAJA HUSSEN
VARUN KUMAR REDDY SHANIVARAPU
20AK5A0101
20AK5A0116
20AK5A0132
20AK5A0140

Under the esteemed guidance of
UMASHANKAR.S, ASSISTANT PROFESSOR



DEPARTMENT OF CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

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(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu,
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Tirupati - 517520.

2017-2021

ANNAACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

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Tirupati- 517520.
Department of Civil Engineering



CERTIFICATE

This is to certify that the project work entitled, "ROAD SAFETY AND ACCIDENT PREVENTION", done by VARUN KUMAR REDDY SHANIVARAPU (20AK5A0140), ANJALI VARIKOLLA (20AK5A0101), SHAIK KHAJA HUSSEN(20AK5A0132), JITHENDRABABU VELURU (20AK5A0116) is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in Department of CIVIL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
UMASHANKARIS
Assistant professor
Department of Civil Engineering.

INTERNAL EXAMINER

DATE: 20-08-22

EXTERNAL EXAMINER

Signature of the Head of the department
E. NARASIMHULU
Dept. of Civil Engineering.
Tirupati-517520.
Department of Civil Engineering.

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::TIRUPATI

(AUTONOMOUS)

Venkatapuram(V), Karakambadi(Po), Renigunta(M), Tirupati-517520, A.P.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that this is a bonafide record of the socially relevant project report entitled, "RECYCLING PLASTIC WASTE INTO HDPC PAVING TILES", done by Ms. P. CHANDINI - (20AK5A0104), K. DINESH - (20AK5A0110), V.M. GANESH BABU - (20AK5A0111), V. GAUTHAM - (20AK5A0113), M.MOUNICA - (20AK5A0120) Submitted to the department of Civil Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY in Civil Engineering from Jawaharlal Nehru Technological University-A, Ananthapur during the year 2019-2023.

Dr.K.Narasimhulu, M.Engg, (Ph.D)
Professor and Head,
Dept. of Civil Engineering,
AITS, Tirupati

Faculty Coordinator

Signature of the Supervisor

Date: 22/08/22

Place: Tirupathi.



CERTIFICATE

This is to certify that the project work entitled, "PARTIAL REPLACEMENT OF BIOMEDICAL WASTE ASH IN CONCRETE", done by P. JAHNAVI, U.SIREESHA, C. DHEERAJ, B. PRUDHVI RAJ, K. HEMASAI KRISHNA is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
Mr. SHYAM SUNDAR SIR,
Assistant Professor
Civil Engineering

Signature of the Head of the Department
Mr. K. NARASIMHULU SIR
Head of the Department
Civil Engineering

INTERNAL EXAMINER
EXTERNAL EXAMINER

DATE: 22.08.22

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES,
TIRUPATI (AUTONOMOUS)**

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Department of Civil Engineering

2021-2022



CERTIFICATE

This is to certify that the Social Relevant Project titled "**ANALYSIS ON CONSTRUCTABILITY OF DIAGRID STRUCTURES WITH PLAN**" is being

submitted by

K,HEMASAI KRISHNA - 20AK5A0114
B,PRUDHVI RAJ - 20AK5A0127
P,JAHNAVI - 20AK5A0115
U,SIREESHA - 20AK5A0135
C,SAI DHEERAJ REDDY - 20AK5A0130

in B. Tech CIVIL ENGINEERING is a record bonafide work carried out by them. The results embodied in this report have not been submitted to any other University for the award of any degree.

Submitted for the viva-voice Examination held on 30-06-2022.

Mrs. MEENU SRI PRIYA M.Tech,
Assistant Professor, Civil Engineering
AIT'S TIRUPATI

GUIDE
Meenu Sri Priya

HEAD OF THE DEPARTMENT
Mr. A. ANIL, M. Tech, (Ph.D.)
Assistant Professor, Civil Engineering
AIT'S TIRUPATI

Signature of Mr. A. Anil

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "**GREEN SMART BUILDING BY USING WASTE**

MATERIALS", done by 20AK5A0(117,103,107,133,129) is being submitted in partial fulfillment

of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL**

ENGINEERING

to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor

MadhanMohan

(Asst Pro. M-Tech)

Signature of the Head of the Department

MR.A.MEAD

(Asst Pro. M-Tech)

Dept. of Civil Engg.

AIITS, Tirupati-517 520

INTERNAL EXAMINER

DATE: 20/08/22

ACKNOWLEDGEMENTS

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.)

Tirupati- 517520.
CIVIL Engineering



CERTIFICATE

This is to certify that the project work entitled, "WIND TURBINE", done by

K.Kranthimal	20AK5A0117
P.Badri	20AK5A0103
G.Dhamu	20AK5A0107
S.Manjoor	20AK5A0133
Y.Rukesh	20AK5A0129

is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
Mr.A.Madan Mohan,
CIVIL ENGINEERING.

Signature of the Head of the Department
Mr.B.Narasimulu,
CIVIL ENGINEERING.
AITs, Tirupati-517 520

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmers (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.



CERTIFICATE

This is to certify that the project work entitled, **"TREND ANALYSIS OF GROUND WATER LEVELS IN CHITTOR DISTRICT"** done by B.SRINADH (20AK5A0136), P. NARASIMHA (20AK5A0123), S.MURALI KRISHNA (20AK5A0149), P. PRAVEEN (20AK5A0136), A.ARUN KUMAR(20AK5A0102) is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to Annamacharya Institute of Technology and Sciences, Tirupati, is a record of bonafied work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

INTERNAL EXAMINER

DATE: 22-08-22

Civil Engineering

Assistant professor

Ms. A.KALPANA

Signature of the supervisor

EXTERNAL EXAMINER

Civil Engineering
Assistant Professor
Tirupati-517520
Dept. of Civil Engg.
Mr. A. ANIL
HEAD

Signature of Head of the Department

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::TIRUPATI
(AUTONOMOUS)
 Venkatapuram(V), Karakambadi(Po), Renigunta(M), Tirupati-517520, A.P.
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

—Certified that this is a bonafide record of the socially relevant project report entitled, "SMART PARKING MANAGEMENT SYSTEM", done by Ms. BHOGYAM SRINADH, REG NO. 20AK5A0136, PENUGONDA NARASIMHA, REG NO. 20AK5A0123, POLEPALLI PRAVEEN, REG NO. 20AK5A0126, SAPPOGU ARUN KUMAR, REG NO. 20AK5A0102, MURALI KRISHNA SENDIL KUMAR, REG NO. 20AK5A0149 Submitted to the department of Computer Science and Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY in Computer Science and Engineering from ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::TIRUPATI, Ananthapur during the year 2019-2023.

Head of the Department
 Mr A Anil M Reddy (Ph.D)
 Assistant Professor
 Dept. of Civil Engineering
 AITS, Tirupati, Tirupati
 919520

Signature of the Supervisor
 Faculty Coordinator
 Date: 30-06-22
 Place: Tirupathi.

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "**SOLAR PANELS ON CANALS SURFACE & FLOATING ON WATER SURFACE**", done by 20AK5A0(146,144,142,145,147), is being submitted in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING** to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
B. Baby
(Asst Professor. M-Tech)

Signature of the Head of the Department
A. Anil
HEAD
(Prof. M-Tech. Engg.)
Dept. of Civil Engg.
AITS, Tirupati-517 520

ACKNOWLEDGEMENTS

DATE:

20-08-22

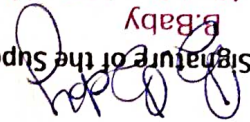
INTERNAL EXAMINER



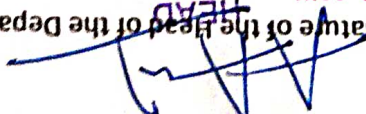
(Asst Pro. M-Tech)

B. Baby

Signature of the Supervisor



MR. A. ANIL
Asst Pro. M-Tech
AITTS, Tirupati-517 520
Signature of the Head of the Department



This is to certify that the project work entitled, "GREEN SMART BUILDING BY USING WASTE MATERIALS", done by 20AK5A0(146,144,145,142,147) is being submitted in partial fulfillment requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

CERTIFICATE



CIVIL ENGINEERING

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)
(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-Grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuram. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati - 517520.

CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "ZERO ENERGY BUILDING", done by P. Surekha[19AK1A0135], Shaik Salman[19AK1A0132], P. Sarala[19AK1A0130], K. Vinay [19AK1A0142], D. Lakshmi[19AK1A0116] is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor

Dr. K. Narasimhulu M.Tech., (Ph.D)
Professor,
CIVIL ENGINEERING.

DATE: 22/08/22 INTERNAL EXAMINER

EXTERNAL EXAMINER

Signature of the Head of the Department
Sri. Mr. A. Anil M.Tech., (Ph.D)
Assistant Professor
Head of the department,
CIVIL ENGINEERING,
Dept. of CIVIL Engg.,
AITS, Tirupati-517 520

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

DEPARTMENT OF CIVIL ENGINEERING



This is to certify that the project work entitled, "PARTIAL REPLACEMENT OF FINE AGGREGATE IN CONCRETE USING RECYCLED PLASTIC", done by
A.JAYANTHI(19AK1A0113),D.RAJU(19AK1A0124),M.SURENDRA
NAIDU(19AK1A0136),C.VENKATESWARLU(19AK1A0140),S.ASWATH(17AK1
A0103) is being submitted in partial fulfillment of the requirements for the award of
the degree of
BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING DEPARTMENT to the
Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work
carried out by them under my guidance and supervision. The results embodied in this project
report have not been submitted to any other university or institute for the award of any
degree or diploma.

Internal Guide Head of the Department Dr. J. Guru Jawahar, M.Tech, Ph.D.

Mr.A.Anil Assistant Professor Head of the Department Department
of Civil Engineering, Department Of Civil Engineering A.L.T.S, TPT. A.L.T.S,

TPT.

Dept. of Civil Engg.
AITS, Tirupati-517 500

HEAD

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES (AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuram.
Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited
by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India),
KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f)
& 12(B) of UGC Act 1956.). Tirupati-517520.

CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "WATER PURIFICATION USING
NATURAL RESOURCES", done by Y. JAYA PRIYA (19AK1A0114), R. JAYANTH
(19AK1A0112), V. SAICHARAN (19AK1A0126), Y. P. JANARDHAN (19AK1A0110), V. S. TEJA
KARTHIKEYA (19AK1A0138) is being submitted in partial fulfillment of the requirements for
the award of the degree of **BACHELOR OF TECHNOLOGY in CIVIL
ENGINEERING** to the Annamacharya Institute of Technology and Science, Tirupati. The results
record of bonafide work carried out by them under my guidance and supervision. The results
embodied in this project report have not been submitted to any other university or institute for
the award of any degree or diploma.

Signature of the Supervisor
Sri. Mr. A. Anil M.Tech, (Ph.D)
ASSISTANT PROFESSOR,
CIVIL ENGINEERING.

Signature of the Head of the Department
Dept of Civil Engrg,
HEAD OF THE DEPARTMENT,
CIVIL ENGINEERING,
Tirupati-517520.

DATE: 20-06-22
INTERNAL EXAMINER

EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.) Tirupati- 517520.

CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project work entitled, "READY MIX CONCRETE" done by

V MANASA (19AK1A0117)

D KALAVATHI (19AK1A0115)

J HEMAVATHI (19AK1A0108)

G PREMA KUMARI (19AK1A0122)

G SANDEEP KUMAR REDDY (19AK1A0129)

is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
D. Nishagha

Mrs.D.Nirosha M.Tech(PhD)

Assistant professor

DATE: 22/08/22 INTERNAL EXAMINER

HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
Sri.Mr.A.Anil M.Tech(PhD)

Signature of the Head of the Department

HEAD
Dept. of Civil Engg.
AITS, Tirupati-517 520
EXTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuram. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(I) & 12(B) of UGC Act 1956.)
Tirupati- 517520.

CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project work entitled, "RESEARCH ON THE EFFECT OF" done by

V MANASA (19AK1A0117)

D KALAVATHI (19AK1A0115)

J HEMAVATHI (19AK1A0108)

G PREMA KUMARI (19AK1A0122)

G SANDEEP KUMAR REDDY (19AK1A0129)

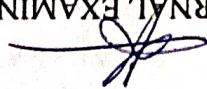
is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

D. Nishagha
Signature of the Supervisor

Mrs.D.Nirosha M.Tech(PhD)

Assistant professor

DATE: 22/08/22 INTERNAL EXAMINER

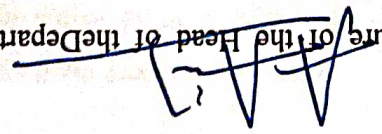


Dept. of Civil Engg,
AITS, Tirupati-517 520
EXTERNAL EXAMINER

HEAD OF THE DEPARTMENT
CIVIL ENGINEERING

Sri.Mr.A.Anil M.Tech(Ph.D)

Signature of the Head of the Department



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA,
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Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge
Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.)

CIVIL ENGINEERING
Tirupati- 517520.



CERTIFICATE

*This is to certify that the project work entitled, COMPARITIVE ANALYSIS
ON VARIOUS PROPERTIES OF PREVIOUS CONCRETE WITH
CONVENTIONAL CONCRETE, done by*

V MANASA (19AKIA0117)
D KALAVATHI (19AKIA0115)
J HEMAVATHI (19AKIA0108)
G PREMA KUMARI (19AKIA0122)
G SANDEEP KUMAR REDDY (19AKIA0129)

*is being submitted in partial fulfillment of the requirements for the award of the
degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the
Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide
work carried out by them under my guidance and supervision. The results embodied in
this project report have not been submitted to any other university or institute for the
award of any degree or diploma.*

S. Nishetha
Signature of the Supervisor
Mrs. D. Nirosha
M.Tech(PHD)
Assistant professor

[Signature]
Signature of the Head of the Department
Sri. Mr. A. Anil Kumar
HEAD OF THE DEPARTMENT
CIVIL ENGINEERING
Dept. of CIVIL ENGINEERING
AITS, Tirupati-517 520
INTERNAL EXAMINER

DATE: 22/08/22

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::TIRUPATI
(AUTONOMOUS)
Venkatapuram(V), Karakambadi(Po), Renigunta(M), Tirupati-517520, A.P.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that this is a bonafide record of the socially relevant project report entitled, "CONSTRUCTION OF LOW COST HOUSE", done by Ms.A.YOGASREE(19AKIA0146), Mr. P. Muni Krishna(19AKIA0118), Mr. K. Chiru Kalyan.(19AKIA0106), Mr.P.Purusshotam(19AKIA0123), Mr.T.Vivekananda(19AKIA0144), Submitted to the department of Civil Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY in Civil Engineering from Jawaharlal Nehru Technological University-A, Ananthapur during the year 2019-2023.

Head of the Department
Anil
Assistant Professor
Dept of CIVIL,
AITS, Tirupati

Signature of the Supervisor

Place: Tirupathi.

Date: 30-06-22

Faculty Coordinator

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

(AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu. Two B. Tech Programmes (CSE & ECE) are accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade, Bangalore. Accredited by Institution of Engineers (India), KOLKATA. A-grade awarded by AP Knowledge Mission. Recognized under sections 2(f) & 12(B) of UGC Act 1956.)

CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled, "INTELLIGENT TRANSPORT SYSTEM", done by G.JAGADEESWARREDDY(19AKIA0109), I.NIRANJANREDDY(19AKIA0119), M.GANESH(19AKIA0107), P.VIVEK(19AKIA0121), B.CHANDHU PRASHANTHREDDY(19AKIA0105), is being submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya Institute of Technology and Science, Tirupati, is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor
Sri. Mr. S. Sameer
 ASSISTANT PROFESSOR,
 CIVIL ENGINEERING.

DATE: 22-08-22 INTERNAL EXAMINER

Signature of the Head of the Department
Sri. Mr. A. Anil
 HEAD OF DEPARTMENT
 CIVIL ENGINEERING.
 517520

EXTERNAL EXAMINER

CERTIFICATE

This is to certify that the socially relevant project work entitled,

Utilization of waste plastic in fabrication of plastic soil bricks, done by

K. Vinay, P. Reddy vera barath, Mohammed jaheeruddin, N. Vijay kumar, A. Siri sai

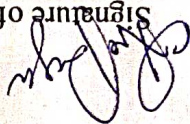
is being submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the Annamacharya Institute of

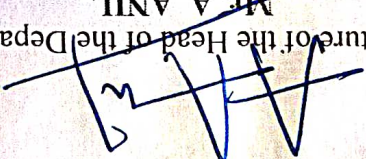
Technology and Science, Tirupati, is a record of bonafide work carried out by them under my

guidance and supervision. The results embodied in this socially relevant project report have not been

submitted to any other university or institute for the award of any degree or diploma.


Signature of the Supervisor
Ms. VISHNU PRIYA,
Assistant Professor,
Civil Engineering

DATE: 22-08-22


Signature of the Head of the Department
Mr. A. ANIL,
Head of the department,
Civil Engineering
AITC, Tirupati-517 520
Dept of Civil Engg.
AITC, Tirupati-517 520
HEAD
INTERNAL EXAMINER

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES::TIRUPATI
(AUTONOMOUS)
Venkatapuram(V), Karakambadi(Po), Renigunta(M), Tirupati-517520, A.P.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that this is a bonafide record of the socially relevant project report entitled, COMPARATIVE STUDY ON CONVENTIONAL AND GREEN BUILDING CONSTRUCTION done by K. ANAND BABU - (19AK5A0101), S. ASISH KUMAR - (19AK5A0102), N. CHANDU - (19AK5A0104), K. SAI RITHVIK REDDY - (19AK5A0127) and K. SHALINI - (19AK5A0133) Submitted to the department of Civil Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY in Civil Engineering from Jawaharlal Nehru Technological University, Ananthapur during the year 2019-2023.

Head of the Department
A. Anil
Head of the Department
Dept of Civil Engg.
Tirupati-517520
AITS, Tirupati

Faculty Coordinator

Signature of the Supervisor

Certificate from Official of the Community

This is to certify that
20AKM0193, Arnamacharya Institute of Technology & Science, Tirupathi
..... to 8/sep/22.

The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).

Authorized Signatory with Seal
AGRICULTURE/AGRICULTURE ASSISTANT
GHAMA SACHINLALAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the community


This is to certify that M. Priyavani
Community service volunteer Reg. no. 20AK1A0145
of Annamacharya Institute of Technology & Science
(Name of the college) underwent community service in Vedanthapuram, Tirupat. (Dist)
From 4/08/2022 to 8/09/2022
(Name of the community)

The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).

A
7
11
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KANKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.
Seal

Certificate from Official of the Community

This is to certify that C.RAKESH Reg. No 20AK1A0146 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in **PATTIKONDA Village** from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARIMNABADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that RAMA KRISHNA Reg. No 20AKIA0147 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupathi underwent community service in URUKUNDA Village from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

BKS

WARD AMENITIES SECRETARY
Secretariat Code 1012051
Ward No. 26
TIRUPATI MUNICIPAL CORPORATION


Authorized Signatory with Date and

Seal

Certificate from Official of the Community

This is to certify that ..R. Ramana Mail .. Reg. No ..
2011/101/18 of ..amma adarya institute of ..Technology ..
8. section ..irwath/ underwent community service in from
22/08/22 to ..1/sep/22.....

The overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).


DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL
Authorized Signatory with Seal

Certificate from Official of the community

This is to certify that I. Ravi Teja (Name of the
Community service volunteer) Reg. no 20AK1A0149 of
Amamachayya Institute of Technology & Science (Name of the college) underwent
community service in Thangapalli (Jangpet village) (Name of the community)
From 4-8-2022 to 8-9-2022

The overall performance of the Community Service Volunteer during his/her community
service is found to be Good (Satisfactory/Good).

A. S. J.

DIGITAL ASSISTANT
Authorized Signatory with Date and
Seal
GRAMA SACHIVALAYAM-01
KAKAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the community

This is to certify that P. RUPESH
(Name of the)
Community service volunteer) Reg. no 20AK140151 of
Annama chaya Institute of Technology & Sciences (Name of the college) underwent
community service in Tirupathi District (Name of the community)
From 04/08/2022 to 08/09/2022

The overall performance of the Community Service Volunteer during his/her community
service is found to be Good (Satisfactory/Good).

A. J. S.

DIGITAL ASSISTANT
Authorized Signatory
Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the community

P. G. SAI ABHISITH

This is to certify that
Community service volunteer) Reg. no 20AKIA0152
Annachavva In Htd of Technology & Science) (Name of the college) underwent
community service in Tiruchanur, Tirupathi Dist. (Name of the community)
From 08/08/22 to 08/09/22

The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).

Digital Assistant
Authorized Signatory with Date and Seal
GRAMA SACHIVALAYAM-01
KAKKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

A. J. J.

Certificate from Official of the Community

This is to certify that Reg. No

2024K140153 of. Amarnacharya Institute of Technology & Sciences, Tirupath. Tirupath. 4/11/22 to 8/sep/22

The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Authorized Signature Assistant
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that P.SAI SUHASINI Reg. No 20AKIA0156 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in THANAPALLI Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

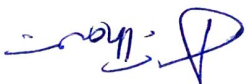
Handwritten signature: A. J. S.

Notar Assistant
Authenticity Certificate with Date and Seal

GRAMA SACHIVALAYAM-01
KAKKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

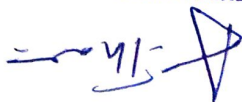
This is to certify that S.SAI KUMAR REDDY Reg. No 20AKIA0157 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Venkatapuram Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



AGRICULTURE/AGRICULTURE ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that C.SAIPRATHAP Reg. No 20AK1A0158 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Venkatapuram Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



Agriculture/Agri. Assistant
Authorized Signatory with Date and
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that A. Satish Kumar Reg. No 2024/10/15/9 of Anna Matha Technology (Private) underwrent community service in Tiruvallur from 4-8-2024 to 8-3-2021

The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

A. Satish Kumar
Authorized Signatory with Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that P. SHANMUK (Name of the Community Service Volunteer) Reg. No. 20AKK140160 of Anuvachacharya Institute (Name of the College) underwent community service in Kodur (Name of the Community) from 04/08/22 to 08/09/22.

The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

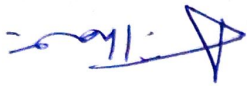
A-Has

AGRICULTURE/AGRICULTURE ASSISTANT
Authorized Signatory to Sign
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that G. SHASHANK (Name of the Community Service Volunteer) Reg. No. 20AKIA0161 of ANNA MAHARAYA INSTITUTE (Name of the College) underwent community service in Guntakal (Community) from 04/08/2022 to 08/09/2022.


The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



AGRICULTURE/AGRICULTURE ASSISTANT
GRAMIN SACHIVAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that N SHIVA SHANKAR Reg. No 20AK1A0162 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in VENKATAPURAM Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Agriculture/Agriculture Assistant
GAMMA SACHIVALAY
KARAKAMBADI GRAMA PANCHAYAT
SEAL
TENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that V. Sreekanth
 Representative of Anna Matha Institute of Technology
 has been underwent community service in from
4-8-2022 to 8-7-2022

The overall performance of the Community Service Volunteer during his/her community service is found to be Good..... (Satisfactory/Good).

Authorized Signatory with Seal
 GRAMA SACHIV
 KARAKAMBADI GRAMA PANCHAYAT
 RENIGUNTA MANDAL

Certificate from Official of the Community


This is to certify that G. Sri Latha
Reg. No. 18122 of Andamacharya Institute of Technology and Sciences
community service in Rayachoti from 18/12/2022 to 19/12/2022

The overall performance of the Community Service Volunteer during his/her
community service is found to be Good (Satisfactory/Good).

A. Kumar
Authorized Signatory with Seal
MUNICIPALITY/AGRICULTURE ASSISTANT
GRAMMA SACHIVAKALATHAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that A.SUPRAJA Reg. No 20AKIA0166 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Venkatapuram Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Agriculture/AGRICULTURE ASSISTANT
Authorized Signatory with Date and
GRAMA SACHIVALEYAM-01
KARAKAMBADI GRAMA PANCHAYAT
PENIGUNTA MANDAL

Certificate from Official of the Community

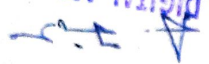
This is to certify that K.SUPRAJA Reg. No 20AK1A0167 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Venkatapuram Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



AGRICULTURE/AGRICULTURE ASSISTANT
GRAMMA SACHIVALAYAM-01
GRAMMABADI GRAMA PANCHAYAT
PENINGUNTA MANDAL

Certificate from Official of the Community

This is to certify that M.TEJA KUMAR Reg. No 20AKIA0168 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in TIRUPATHI from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


DIGITAL ASSISTANT
Authorized Signatory with Date and
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that K.UDAY KIRAN Reg. No 20AK1A0169 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in **PATTIKONDA Village** from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



DIGITAL ASSISTANT
Authenticated with Date and
Seal

GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.


Certificate from Official of the Community

This is to certify that E.VENKATA DINESH KUMARReg. No 20AK1A0170 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in MADAVAPURAM Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

DIGITAL ASSISTANT
Authorized Signatory with Date and
GRAMASACHIVALAYAM-01
KARAKKALBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

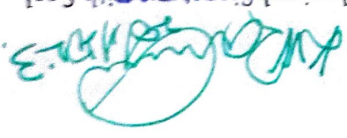
Certificate from Official of the Community

This is to certify that VVS ESWAR Reg. No 20AK1A0172 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service at KORLAGUNTA from 4-8-2022 to 8-9-2022. The overall performance of his, during the community service project is found to be (Satisfactory/Good).


Agriculture/Agriculture Assistant
GRAHA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
PENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that N Sidhartha Reg. No 20AKIA0174 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service at Tirumala Village from 4-8-2022 to 8-9-2022. The overall performance of his, during the community service project is found to be (Satisfactory/Good).


Authorized Signatory with Seal
TIRUPATI URBAN MANDAL
TIRUPATI (DIST.), A.P.

Certificate from Official of the community

This is to certify that N.VIJAY KUMAR Reg.No 20AK1A0176 of Annamacharya Institute of Technology & Science(Autonomous), TIRUPATI underwent community service at TIRUPATI from 4-8-2022 to 8-8-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



WARD AMENITIES SECRETARY
Secretariat Code 1012051
Ward No. 26
TIRUPATI MUNICIPAL CORPORATION

Authorized Signatory with Date and Seal


Certificate from Official of the Community

This is to certify that K. VINAY Reg. No

20A1140D11 of ANNAACHARYA INSTITUTE OF TECHNOLOGY
8 sciences underwent community service in Thurupatti from

4/AUG/22 to 8/SEP/22

The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).


OFFICIAL/AGRICULTURE ASSISTANT
GRAMMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the community

This is to certify that V.YOGANANDHA REDDY Reg.No 20AK1A0178 of Annamacharya Institute of Technology & Science(Autonomous), TIRUPATI underwent community service at TIRUPATI from 4-8-2022 to 8-8-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


BK

WARD AMENITIES SECRETARY
Secretariat Code 1012051
Ward No. 26
TIRUPATI MUNICIPAL CORPORATION

Authorized Signatory with Date and Seal

Certificate from Official of the Community

This is to certify that P. Sai Keerthi Reg. No 21AK5A0171 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service at Karakambadi Village from 4-8-2022 to 8-9-2022. The overall performance of his, during the community service project is found to be (Satisfactory/Good).


Authorized Signatory with Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that.....T. Surya.....Reg. No. 21AK5A0132.....of
 Annamacharya Institute of Technology & Science (Autonomous), Tirupat
 community service at Venkateswaram from 4-8-22 to 8-9-2022
 The overall performance of his, during the community service project is found
 to be (Satisfactory/Good).

(Signature)
 DIGITAL ASSISTANT
 GRAMA SACHIVALAYAM-01
 KARAKAMBADI GRAMA PANCHAYAT
 RENIGUNTA MANDAL
 Digitized Signatory with Seal

Certificate from Official of the community

This is to certify that K. SWATHI (Name of the

Community service volunteer) Reg. no 91A5A0173 of

Annamacharya Jyothi Institute of Technology & Sciences (Name of the college) underwent

community service in Allapalli Village, Sri Sathya Sai City (Name of the community)

From 08/09/2022 to 08/09/2022

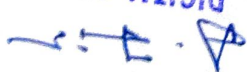
The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).

[Signature]
Author of this Certificate
Date and
Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that S. Usman
..... Institute of Technology & Sciences, Tirupur
underwent community service in from 4-8-22 to 8-9-22

The overall performance of the Community Service Volunteer during his/her community service is found to be good (Satisfactory/Good).


Authorized Signatory with Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that V.Venugopal Reg. No 21AK5A0175 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service at Karakambadi Village from 4-8-2022 to 8-9-2022. The overall performance of his, during the community service project is found to be (Satisfactory/Good).

DIGITAL ASSISTANT
GRAHA SACHINMAYAM-01
Authorized Signatory with Seal
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL


Certificate from Official of the Community

This is to certify that B. Vinay Kumar Reg. No 21AKS40136 of Annamacharya Institute of Technology & Sciences, Annamachari underwent community service in Venkatapuram from 4.8.2022 to 8-9-2022.
The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).

Digitally signed by
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.
Authority with Seal

Certificate from Official of the Community

This is to certify that T.Vineetha Reg. No 21AK5A0177 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service at Karakambadi Village from 4-8-2022 to 8-9-2022. The overall performance of his, during the community service project is found to be (Satisfactory/Good).


Authorized Signatory with Seal
WARD ADMINISTRATIVE SECRETARY
Secretariat Code : 1012001
Ward No. 1/
TIRUPATI MUNICIPAL CORPORATION

Certificate from Official of the Community

This is to certify that GI. Vishnu Vardhan
Community Service Volunteer) Reg No. 21AK5A.0178 of
Arumugam Chaya Institute of Technology and Science
Name of the College) (Name of the
underwent community service in Chennai, Kadapa District. (Name of the
Community) from 4/08/2022 to 8/09/2022

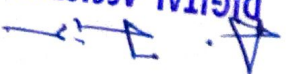
The overall performance of the Community Service Volunteer during his/her
community service is found to be Good (Satisfactory/Good)

03/11/2022
[Signature]
MANDAL REVENUE INSPECTOR
CHENNAI MANDAL
Authorized Signatory with Date and
Seal

Certificate from Official of the Community

This is to certify that D. Lokesh Reg. No. 21AK5A0179 of
Annacharya Institute of Technology, Tinipatti
underwent community service in Venkatapuram from 4/8/2022 to 8/9/2022.

The overall performance of the Community Service Volunteer during his/her community
service is found to be Good (Satisfactory/Good).


DIGITAL ASSISTANT
GAMMASACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that B. RAJA KUMAR Reg. No 21AK5A0180 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in VENKATAPURAM Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

ARTICULTURE/AGRICULTURE ASSISTANT
Audited & Signed with Date and
Seal
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL



Certificate from Official of the Community

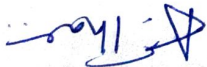
This is to certify that B SIVA SANKAR Reg. No 21AK5A0181 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in VENKATAPURAM Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

ARTICULTURE/AGRICULTURE ASSISTANT
Authorized Signatory with Date and
Seal
GRAMA SACHIVALAYAM-01
GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that Y. Vamsi
Reg. No
of
underwent community service in from
4-8-2022 to 8-9-2022

The overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).



CERTIFICATE/AGRICULTURE ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that Reg. No

19010120 of
Dynamalibrary a Institute of Technology
underwent community service in
Link report from
4-8-22 to 8-9-22


The overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).

[Signature]

OFFICIAL/AGRICULTURE ASSISTANT
Authorized Signatory with Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that P.AKHILA DEVI Reg. No 21AK5A0101 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in PENUKONDA Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
DIGITAL ASSISTANT
Se
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

Certificate from Official of the Community

This is to certify that S AMRUTHA Reg. No 21AK5A0102 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in BALUPALLE Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

WARD ADMINISTRATIVE SECRETARY
Secretariat Code : 1012067
Ward No. TIRUPATI MUNICIPAL CORPORATION

Authorized Signatory with Date and
Seal

Certificate from Official of the Community

This is to certify that M. ANUPAMA (Name of the
Community Service Volunteer) Reg No: 21AK5A0103 OF
Annamacharya Institute of Technology & Sciences Name of the
College) underwent Community Service in Dinne Devanagudi (Name of the
Community) From 4-8-2022 TO 8-9-2022

The Overall performance of the community service volunteer during his/her community
service is found to be (Satisfactory/Good).

Authorized Signatory with Date
and Seal

[Signature]



This is to certify that E AravindReg. No 21AK5A0104 of Annamacharya Institute of Technology & Sciences (Autonomous), KURNOOL DIST

underwent

community service in **ADONI TOWN** from **4-8-2022** to **8-9-2022** The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

ACKNOWLEDGEMENTS

We have dedicated this project within expressible gratitude to our country. The values and virtues they have instilled in us have made us to achieve whatever we have achieved so far. They have been constant source of encouragement, inspiration and love. We hope with our hard work and dedication. We would be able to translate their dreams into reality.


We sincerely thanks **Dr . C. NADHAMUNI REDDY**, Principal of our college
OR
fostering an excellent academic environment during our project work.

We are thankful to **Mr. A. ANIL KUMAR, M. Tech, Ph.D.,** Head of the Department
fostering an excellent academic environment during our project work.

With immense pleasure I would like to extend our sincere thanks to our beloved guide, Mrs. **A KALPANA , M. Tech.,** Department of Civil Engineering, Annamacharya institute of technology and sciences, Karakambadi, KURNOOL DIST , Chittoor, Andhra Pradesh, For her guidance, very great motivation, encouragement, keen interest and support for carrying out our project successfully.

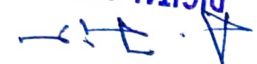
The confidence bestowed in us and entrusting our **Community service project** entitled " A study and service on creation of data collection by Geographical survey in Kothapalli Town .

Last but not the least places a deep sense of gratitude to my family members and my friends who have been constant source of inspiration during the preparation of this project work.


Village Horticulture Assistant
M. Aravind Reg. No. 21AK5A0104
Seal
Renigunta Mandal Chittoor Dist.

Certificate from Official of the Community

This is to certify that B.Balu Reg. No 21AK5A0105 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in **RAMAPURAM Village** from 4-8-22 to 8-9-22
The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized signatory with Date and
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that O Bavani Reg. No 21AK5A0106 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in M kothapalli Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



Authorized Signatory with Date and
Seal
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify T. Bhanu Prakash Reg. No 21AK5A0107 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Kamathampalli from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

A. A. S.

DIGITAL ASSISTANT
Authorised Signatory with Date and
Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

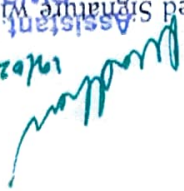
This is to certify that P. Chaitanya Kumar Reddy (Name of the
Community Service Volunteer) Reg. No. 21AK570108 of
Appasaheb Institute of Technology & Science (Name of the College)
underwent community service in Kosamang Kadapa dist. (Name of the
Community) from 4-8-2022 to 8-9-22

The overall performance of the Community Service Volunteer during his/her
community service is found to be Good (Satisfactory/Good)

Seyun
03/11/2022
MANDAL REVENUE INSPECTOR
CHENUR MANDAL
Authorized Signatory with Date and
Seal

Certificate from Official of the Community

This is to certify that P.CHANDANA Reg. No 21AK5A0109 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in TIRUPATI from 04-8-2022 To 08-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


19/02/2023
Assistant Engineer
RMS & S
Authorized Signature with Date and Seal
Tirupathi Rura

This is to certify that C CHANDRA SEKHAR Reg. No 21AK5A0110 of

Annamacharya Institute of Technology & Sciences (Autonomous), underwent community service in DHARMAVARAM Town from 4-8-2022 to 8-9-2022 The

overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

ACKNOWLEDGEMENTS

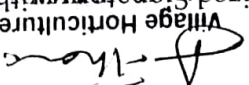
We have dedicated this project within expressible gratitude to our country. The values and virtues they have instilled in us have made us to achieve whatever we have achieved so far. They have been constant source of encouragement, inspiration and love. We hope with our hard work and dedication. We would be able to translate their dreams into reality.

We sincerely thanks **Dr. C. NADHAMUNI REDDY**, Principal of our college or fostering an excellent academic environment during our project work.

We are thankful to **Mr. A. ANIL KUMAR, M. Tech, Ph.D.**, Head of the Department fostering an excellent academic environment during our project work.


With immense pleasure I would like to extend our sincere thanks to our beloved guide, **Mrs. A KALPANA, M. Tech**, Department of Civil Engineering, Annamacharya institute of technology and sciences, Karakambadi, Chittoor, Andhra Pradesh., For her guidance, very great motivation, encouragement, keen interest and support for carrying out our project successfully.

The confidence bestowed in us and entrusting our **Community service project** entitled " A study and service on creation of data collection by Geographical survey in Kothapalli Town .


Village Horticulture Assistant
Karakambadi Village Botanical
Garden, Chittoor Dist.
Renigunta Mandal
Seal

Certificate from Official of the Community

This is to certify that **G. DINESH CHOWDARY** Reg. No **21AK5A0111** of **Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati** underwent community service in **TIRUPATI** from **04-8-2022 To 08-9-2022** The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


19/2/2023
Assistant Engineer
PWS & S
Tirupathi Rura
Authorized Signatory with Date and Seal

Certificate from Official of the Community


This is to certify that R.Divya Reg. No 21AK5A0112 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in MUKKAMALLA Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Authorized Signatory with Date and
Seal
WARD SANITATION & ENVIRONMENT SECRETARY
Secretariat Code : 1012074
Ward No. 37/2
TIRUPATI MUNICIPAL CORPORATION

17/2/23


Certificate from Official of the Community

This is to certify that T.S.GIRISH KUMAR Reg. No 21AK5A0113 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in KOTALA Village from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Auth. and Signatory with Date and
Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL


Certificate from Official of the Community

This is to certify that **J. GNANESH KUMAR** Reg. No **21AK5A0114** of **Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati** underwent community service in **TIRUPATHI** from **4-8-2022 to 8-9-2022** The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


DIGITAL ASSISTANT
Authorized Signatory with Date and
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

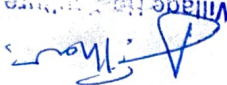
Certificate from Official of the Community

This is to certify that G.GUNA SAI Reg. No 21AK5A0115 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in M kothapalli Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKHABADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that **B. HARI PRASAD** Reg.No: **21AK5A0116** of **Annamachary Institute of Technology & Sciences (Autonomous), Tirupati** underwent community service in **TIRUPATHI** from **4-8-2022 to 8-9-2022**. The over all performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Village Panchayat Assistant
Authorized Signatory With Date and Seal
Remigunda mandal Chittoor Dist.

Certificate from Official of the Community

This is to certify that V, JAMUNA Reg. No 21AK5A0118 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in ORUVAI Village from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

A. J. —

Authorized Signatory with Date and
Seal
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
REMIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that L. JANARDHAN Reg.No. 21AK5A0119 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in TIRUPATI from 04-8-2022 To 08-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Assistant Engineer
RWS & S
Authorized Signatory with Date and Seal
Tirupathi Rural

W. S. S.
19/08/2023

Certificate from Official of the Community

This is to certify K. JYOTHI PRAKASH Reg. No 21AK5A0120 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Subba Reddy Nagar from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

WARD ADMINISTRATIVE SECRETARY
Secretariat Code : 1012003
Ward No. 3
TIRUPATI MUNICIPAL CORPORATION
Authorized Signatory with Date and Seal

Certificate from Official of the Community

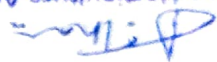
This is to certify that L. KEERTHI Reg. No 21AK5A0122 of Annamacharya
Institute of Technology & Sciences (Autonomous), Tirupati underwent
community service in BALUPALLE Village from 4-8-2022 to 8-9-2022. The
overall performance of the Community Service Volunteer during his/her community
service is found to be (Satisfactory/Good).

C. Upadew
ENGINEERING ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCH.
RENIGUNTA MANDAL
Authorized Signatory with Date and Seal



Certificate from Official of the Community

This is to certify that M Koushik Reg. No 21AK5A0123 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupattin underwent community service in ADONI from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Village Horticulture Assistant
Authorized Signatory with Date and Seal
Karakambadi-1 Village Secretariat
Renigunta Mandal Chittoor Dist.

Certificate from Official of the Community

This is to certify that P.LAHIRI SAI TEJA Reg. No 21AK5A0125 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupathi underwent community service in **TIRUPATI** from 04-8-2022 To 08-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Mudhan
14/09/2022
Assistant Engineer
RWS-8-S
Authorized Signatory
Tirupathi Rura

Certificate from Official of the Community

This is to certify S. Lakshmi Narasimha Reg. No 21AK5A0126 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Subba Reddy Nagar from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Seal

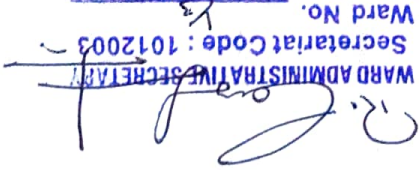
Authorized Signatory with Date and

TIRUPATI MUNICIPAL CORPORATION

Ward No.


Secretariat Code : 1012003

WARD ADMINISTRATIVE SECRETARY



Certificate from Official of the Community

This is to certify that K LALU SAB Reg. No 21AK5A0127 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in **MANGALAM Village** from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

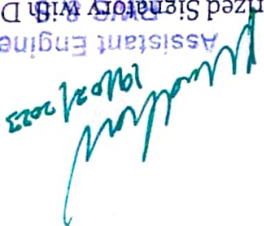
This is to certify that P. BHAKTHI KRISHNA Reg.No: 21AK5A0128 of Annamachary Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in TIRUPATHI from 4-8-2022 to 8-9-2022. The over all performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

P. Srinivas Reddy
WARD REVENUE SECRETARY
Secretariat Code: 1012070
Ward No. 35/2
TIRUPATI URBAN MANDAL

Authorized Signatory with Date and Seal

Certificate from Official of the Community

This is to certify that M. MADHURITHA Reg.No: 21AK5A0129 of Annamachary Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in TIRUPATHI from 4-8-2022 to 8-9-2022. The over all performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


19/02/2023
Assistant Engineer
Tirupati Rura

Authorized Signatory with Date and Seal

Certificate from Official of the Community

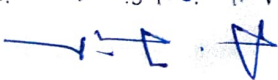
This is to certify that G MAHABOOB Reg. No 21AKSA0130 of Annamacharya Institute of Technology & Sciences (Autonomous), Kurnool underwent community service in MADIRE Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

AGRICULTURE/AGRICULTURE ASSISTANT
GRAMA SACHIVALAYAM-01
SRAMABADI GRAMA PANCHAYAT
PENIGUNTA MANDAL

A. Rao

Certificate from Official of the Community

This is to certify that U.Mahendra Reg. No 21AK5A0131 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in MUKKAMALLA Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
Seal
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community


This is to certify that of the
Community Service (Volunteer) Reg. No. of
..... (Name of the College)
..... (Name of the
underwent community service in to
Community) from to

The overall performance of the Community Service Volunteer during his/her
community service is found to be Good (Satisfactory/Good).

Sayur
03/11/2012
MANDAL REVENUE INSPECTOR
CHENNAI MANDAL
Authorized Signatory with Date and
Seal


Certificate from Official of the Community

This is to certify K.MANI BHARATHI ACHARI Reg. No 21AK5A0133 of Annamacharya
Institute of Technology & Sciences (Autonomous), Tirupathi underwent
community service in Kakannuru village from 4-8-2022 to 8-9-2022 The
overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
Seal
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.


Certificate from Official of the Community

This is to certify N.Meghana
Reg.No 21AK5A0134 of Annamacharya
Institute of Technology & Sciences (Autonomous), Tirupati underwent
community service in **Karakambadi** from 4-8-2022 to 8-9-2022 The
overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
Seal **DIGITAL ASSISTANT**
GRAMMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

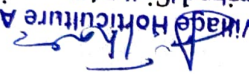
Certificate from Official of the Community

This is to certify that K Mehruz ur rehman Reg. No 21AK5A0135 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in MANGALAM Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Author: **DIGITAL ASSISTANT**
Seal: **GRAMA SACHIVALAYAM-01**
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that K. Mahesh Reg. No 21AK5A0136 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in NALLAPALEM Village from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Village Horticulture Assistant
Annakonda Village, Chittoor Dist.
Renigunta Mandal Chittoor Dist.
Seal

Certificate from Official of the Community

This is to certify T. Murali Krishna Reg. No 21AK5A0137 of Annamacharya

Institute of Technology & Sciences (Autonomous), Tirupati underwent

community service in pileru from 4-8-2022 to 8-9-2022

The overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).

K. R. Prasad
PANCHAYATH SECRETARY
GRAMAPANCHAYAT PILERU
CHITTOOR DT A.P-517 204
Authorized Signatory with Date and Seal

Certificate from Official of the Community

This is to certify that P NAJEEB BASHA Reg. No 21AK5A0139 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupattin underwent community service in ADONI from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Authorized Signatory with Date and Seal
Assistant Village Secretary
Karakambadi-I Village Secretariat
Renigunta Mandal Chittoor Dist.

Certificate from Official of the Community



This is to certify that S. NIKHIL MANIKANTA Reg.No 21AK5A0140 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Subba Reddy Nagar from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

WARD ADMINISTRATIVE SECRETARY
Secretariat Code: 1012003
Ward No. 13
TIRUPATI MUNICIPAL CORPORATION
Authorized Signatory with Date and Seal

Certificate from Official of the Community

This is to certify that A.NIRMALA Reg. No 21AK5A0141 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Nandikotkur Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Authorized Signatory with Date and
Seal




Certificate from Official of the Community

This is to certify that K PAVAN KUMAR REDDY Reg. No 21AK5A0142 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Mangalam Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Authorized Signatory with Date and
Seal
DIGITAL ASSISTANT
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that V PAVAN KUMAR Reg. No 21AK5A0143 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in KOTALA Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


DIGITAL ASSISTANT
Auth. Stamp with Date and
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that G.PAVAN SAI Reg. No 21AK5A0144 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in NANDYAL from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Village Horticulture Officer
Karimnagar District
Renigunta Mandal Chittoor Dist.
Seal
Date and

Certificate from Official of the Community

This is to certify that Y.S.PAVANI Reg. No 21AK5A0145 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in BALUPALLE Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

Seal

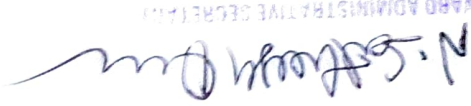
Authorized Signatory with Date and

WARD SAMITHI SECRETARY
Secretariat Code : 1012067
Ward No. 84/1
TIRUPATI MUNICIPAL CORPORATION

20/01/2023

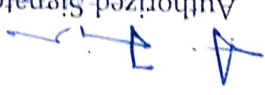
Certificate from Official of the Community

This is to certify that M PRAHALLADHUR Reg. No 21AK5A0146 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in SRIRAGAPURAM Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


WARD ADMINISTRATIVE SECRETARY
Secretariat Code: 1012067
Ward No. _____
TIRUPATI MUNICIPAL CORPORATION
Authorized Signatory with Date and Seal

Certificate from Official of the Community

This is to certify that C. PRASANTH Reg. No 21AK5A0147 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in KALUVOYA town from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that P.PRAVEEN KUMAR Reg. No 21AK5A0148 of Annamacharya
Institute of Technology & Sciences (Autonomous), Tirupati underwent community
service in Gayathri Estate from 4-8-2022 to 8-9-2022 The overall performance of the
Community Service Volunteer during his/her community service is found to be
(Satisfactory/Good).



Seal


Authorized Signatory with Date and

Certificate from Official of the Community

This is to certify V.PRAVEEN Reg. No 21AK5A0149 of Annamacharya

Institute of Technology & Sciences (Autonomous), Tirupatt underwent community service in ANKEMVARIPALLI from 4-8-2022 to 8-9-2022 The

overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and
Seal
GRAMA SACHIVALAYAM-01
MAMBADI GRAMA PANNAYAR
MUNTA MANDAL.

Certificate from Official of the Community

This is to certify S.RAJ KUMAR
Reg. No 21AK5A0150 of Annamacharya
Institute of Technology & Sciences (Autonomous), Tirupati underwent
community service in Sathyanarayanapuram from 4-8-2022 to 8-9-2022 The
overall performance of the Community Service Volunteer during his/her
community service is found to be (Satisfactory/Good).

Authorized Signatory with Date and
Seal



This is to certify that K. RAJU Reg. No 21AK5A0110 of Annamacharya Institute of Technology & Sciences (Autonomous) , underwent community service in DHARMAVARAM Town from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

community service in DHARMAVARAM Town from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

service is found to be (Satisfactory/Good).

21/11/20

Village Horticulture Assistant
Kathiramanthi, 19 kilometers with Pate and
Rengunta Mandal Chittoor Dist.
Seal

ACKNOWLEDGEMENTS

We have dedicated this project within expressible gratitude to our country. The values and virtues they have instilled in us have made us to achieve whatever we have achieved so far. They have been constant source of encouragement, inspiration and love. We hope with our hard work and dedication. We would be able to translate their dreams into reality.

dedication. We would be able to translate their dreams into reality.

We sincerely thanks **Dr. C. NADHAMUNI REDDY**, Principal of our college
fostering an excellent academic environment during our project work.

fostering an excellent academic environment during our project work.

We are thankful to Mr. A. ANIL KUMAR, M. Tech, Ph.D., Head of the Department fostering an excellent academic environment during our project work.

fostering an excellent academic environment during our project work.

With immense pleasure I would like to extend our sincere thanks to our beloved guide, Mrs. A KALPANA, M. Tech., Department of Civil Engineering, Annamacharya institute of technology and sciences, Karakambadi, Chittoor, Andhra Pradesh. For her guidance, very great motivation, encouragement, keen interest and support for carrying out our project successfully.

encouragement, keen interest and support for carrying out our project successfully.

The confidence bestowed in us and entrusting our Community service project entitled "A

study and service on creation of data collection by Geographical survey in Kothapalli Town .

Certificate from Official of the Community

This is to certify that Drobith Reg. No 21AK5A0152 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in MUKKAMALLA Village from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



Village Horticulture Assistant
Karakambadi-I Village Secretariat
Renigunta Mandal Chittoor Dist.
Seal

Certificate from Official of the Community

This is to certify that P Reddy Padmaja Reg. No 21AK5A0153 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in KURAVAPALLI Village from 4-8-2022 to 8-9- 2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory with Date and

PANCHAYAT SECRETARY

Seal
Sambaiahpalam Sachivalayam
Thottambedu Mandal

Certificate from Official of the Community

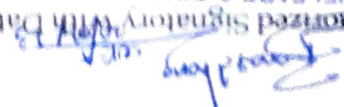
This is to certify that D SAI KUMAR Reg. No 21AK5A0154 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in **PRODDATUR** town from 4-8-2022 to 8-9-2022 The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).



Official Assistant
Authorized Signatory with Date and Seal
GRAMA SACHIVALAYAM-01
KARAKAMBADI GRAMA PANCHAYAT
RENIGUNTA MANDAL.

Certificate from Official of the Community

This is to certify that B Sai Malik Reg. No 21AK5A0155 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupati underwent community service in Narasingapuram Village from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).


Authorized Signatory With Date and
WELFARE & EDUCATION ASSISTANT
NARASINGAPURAM SACHIVALAYAM
CHANDRAGIRI MANDAL

Certificate from Official of the Community

This is to certify that C. Sai Pradeep Reg. No 21AK5A0156 of Annamacharya Institute of Technology & Sciences (Autonomous), Tirupathi undertook community service in MANCJALAM Village from 4-8-2022 to 8-9-2022. The overall performance of the Community Service Volunteer during his/her community service is found to be (Satisfactory/Good).

DIGITAL ASSISTANT
GRAMA SACHIVALAYA-01
KAKKAMRADI GRAMA PANCHAYAT
RENIGUNTA MANDAL

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