

ANDHRA PRADESH STATE IRRIGATION DEVELOPMENT CORPORATION LIMITED
(A STATE GOVERNMENT UNDERTAKING)



*Office of the Project Engineer, APSIDC Project Office, Door. No. 59/166, Mariyapuram,
near catholic church, Kadapa- 516 003 Phone No. 08562-241354, Email. Id:
pekdpapunit@gmail.com*

CERTIFICATE

This is to certify that the following students of KSRM College of Engineering (Autonomous) Kadapa attended this office in connection with the project work on "DESIGN AND ESTIMATION OF VONTIMITTA LIFT IRRIGATION SCHEME ON SOMASILA RESERVOIR" during the months of December, 2016 to May, 2017 under the guidance of Dr. T. Kiran Kumar, Professor, CED. During this period the students were found sincere and hard working in preparation of the Project Work.

- | | |
|-----------------------------|----------------|
| 1. Mr. I. Sandeep Raj Kumar | (119 Y1 A0152) |
| 2. Miss. A Mounika | (129 Y1 A0104) |
| 3. Mr. V.Suresh | (129 Y1 A0109) |
| 4. Mr. V.Balakondaiah | (129 Y1 A0118) |
| 5. Mr. A.Manishankar | (129 Y1 A0106) |



KTH

(K. HANOK)

Executive Engineer
APSIDC Project Office
KADAPA

ANDHRA PRADESH STATE IRRIGATION DEVELOPMENT CORPORATION LIMITED
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near catholic church, Kadapa- 516 003 Phone No. 08562-241354, Email. Id:
pekdpapunit@gmail.com**

CERTIFICATE

This is to certify that the following students of KSRM College of Engineering (Autonomous) Kadapa attended this office in connection with the project work on "CREATING IRRIGATION POTENTIAL IN DROUGHT PRONE AREA THROUGH LIFT IRRIGATION PROJECT" during the months of December, 2018 to May, 2019 under the guidance of Dr. T. Kiran Kumar, Professor, CED. During this period the students were found sincere and hard working in preparation of the Project Work.

- | | |
|-----------------------------|----------------|
| 1. Mr. A. Vishnu | (159 Y1 A0101) |
| 2. Mr. B. Bala Subramanyam | (159 Y1 A0110) |
| 3. Miss. A Mounika | (159 Y1 A0105) |
| 4. Mr. A. Pravinkumar Reddy | (159 Y1 A0103) |
| 5. Mr. D.Harshavardhan Raju | (159 Y1 A01D1) |





(K. HANOK)

Executive Engineer
APSIDC Project Office
KADAPA



Govt. of Andhra Pradesh
WATER RESOURCE DEPARTMENT

CERTIFICATE

This is certificate that, the students of KSRM College of Engineering
(Autonomous) Kadapa Named

K.RAMA NEERAJA	159 Y1 A0170
M.PRATHYUSHA	159 Y1 A0183
P.BHUVANESWARI	159 Y1 A0A6
N. ZAIDH KHAN FAWAZ	159 Y1 A0195
M. DURGA NARAYANA	159 Y1 A0179

Executed Project work on “ WATER SUPPLY TO NANDALUR ON THROUGH SUB-SURFACE
DAM A CASE STUDY IN KADAPA DISTRICT” As a part of NEERU PRAGATHI PROGRAME,
Taken up by Government of Andhra Pradesh allotted by the Water Resources
Department Rajampet kadapa district between 05/02/2019 to 11/05/2019, During this
period the students were found sincere and hardworking pertaining to project work
preparation. The project work is done satisfactory I wish them all success in their
carrier in future.

Project Guide
Dr T.KIRAN KUMAR
Processor CED
Department of Civil Engineer,
KSRM CE Kadapa


U.RAMESH
Executive Engineer,
Annamayya Project Division,
Kadapa



Govt. of Andhra Pradesh
WATER RESOURCE DEPARTMENT

CERTIFICATE

This is certificate that, the students of KSRM College of Engineering
(Autonomous) Kadapa Named

M. SHOYAB SHARIEF	149 Y1 A0197
B. LAKSHMAN NAIK	149 Y1 A0180
K. PRAKASH REDDY	149 Y1 A0165
M. SAI SUNIL	149 Y1 A0194
M. BHARATH KUMAR SAGAR	149 Y1 A0190

Executed Project work on "WATER SUPPLY TO KADAPA TOWN FROM GURRAMGUMPPU RESERVOIR GNSS PHASE - 2" As a part of NEERU PRAGATHI PROGRAME, Taken up by Government of Andhra Pradesh allotted by the Water Resources Department Rajampet Kadapa district between 05/02/2018 to 11/05/2018, During this period the students were found sincere and hardworking pertaining to project work preparation. The project work is done satisfactory I wish them all success in their carrier in future.

Project Guide
Dr T.KIRAN KUMAR
Processor CED
Department of Civil Engineer,
KSRM CE Kadapa


U.RAMESH
Executive Engineer,
Annamayya Project Division,
Kadapa

K.S.R.M. College of Engineering (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U, Ananthapuramu)
(Accredited by NAAC, An ISO 9001:2015 Certified Institution)

KADAPA-516 003(A.P.)

2018- 2019

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project report entitled **“PERFORMANCE AND EVALUATION OF MICROIRRIGATION SYSTEM IN DROUGHTPRONE AREA”** is bonafied work carried out by A.SUDHAKAR(169Y5A0102),Y.SRINATHREDDY(159Y1A01F9), V.RENUKADEVI(159Y1A01F4),Y.RAMALINGA REDDY(159Y1A01F8), V.JAGADHEESWAR REDDY(159Y1A01F6), Department of Civil Engineering, K.S.R.M College of Engineering, Kadapa and is submitted to J.N.T.UNIVERSITY in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Civil Engineering.

Project Guide:

Dr. T. Kiran Kumar, M.Tech., Ph.D.,
Professor
Department of Civil Engineering

Head of the Department:

Dr. G. Sreeniva Reddy, M.Tech., Ph.D.,
Head of Department
Department of Civil Engineering

Date:

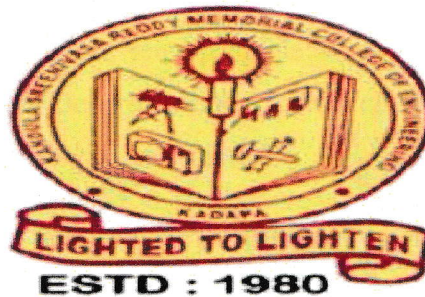
Internal Examiner

External Examiner

K.S.R.M COLLEGE OF ENGINEERING (AUTONOMOUS)

KADAPA, 516003.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this project report entitled **“AN EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE BY QUARRY DUST”** is the bonafied work

Submitted by

G.PRAKASH KUMAR REDDY (159Y1A0148)

B.V.N.VIHARIKHA (159Y1A0113)

G.SUNIL KUMAR (159Y1A0146)

B.GURU SHAREEF (159Y1A0109)

In partial fulfillment of the requirements for the award of the degree for Bachelor of Technology in Civil Engineering, from K.S.R.M. college of engineering (Autonomous), Kadapa. During the year 2018-2019.



Project Guide

Sr. P.RAJENDRA KUAR, M. Tech.,
Assistant Professor,
Dept of Civil Engineering
K.S.R.M. College of Engineering
Kadapa-516003(A.P)


Head of the department

G. SREENIVASULU REDDY, M.E., Ph.D.
Professor & HOD
Dept of Civil Engineering
K.S.R.M. College of Engineering
Kadapa-516003(A.P)


Internal Examiner


External Examiner

AN EXPERIMENTAL STUDY ON USE OF PLASTIC WASTE IN BITUMINOUS PAVEMENT

A

Project report is submitted in partial fulfilment of the requirement
for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
CIVIL ENGINEERING**

Submitted by

R.VENKATA KRISHNA (169Y5A0145)

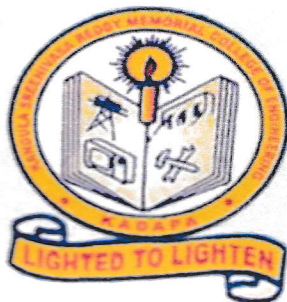
K.VENGAIAH (169Y5A0127)

S.D.YUNUS HUSSAIN (169Y5A0150)

K.PARANDAMUDU (169Y5A0129)

Y.SREE VASTAVA REDDY (169Y5A0165)

S.SADDAM (169Y5A0152)



Under Esteemed guidance of

Sri.P.V.VARA RATHNA KUMAR, M.Tech
Assistant Professor

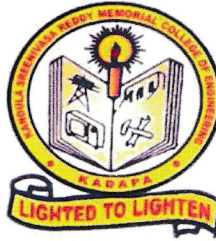
DEPARTMENT OF CIVIL ENGINEERING

K.S.R.M COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to J.N.T.U Ananthapuramu)
(Accredited by National Assessment & Accreditation (NAAC), New Delhi)
(An ISO 9001: 2015 Certified Institution) KADAPA – 516003 (A.P)

2015 – 2019

K.S.R.M COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “Experimental study of concrete with blended cement by accelerated curing method” work done M.GANGADHAR (169Y5A0135), V.VISHNU TEJA (169Y5A0162), C.SREENIVAS KUMAR (169Y5A0109), D.VENKATA SUBBAIAH (169Y5A0113), C.S.MANSOOR (169Y5A0111) is a bonfires work during the academic year 2018 – 2019.

Project Guide:

Miss.S.Sandhya Rani M.Tech

Assistant professor

Department of Civil

Head of the Department:

Prof.G.Sreenivasa Reddy M.E PhD

Department of Civil Engineering

Engineering K.S.R.M College of engineering

Date: 02/5/2019

Internal Examiner

External Examiner

K.S.R.M. COLLEGE OF ENGINEERING (AUTONOMOUS)

Department of Civil Engineering



CERTIFICATE

This is to certify that this Project Report entitled **“EXPERIMENTAL INVESTIGATION ON CONCRETE WITH GLASS PARTICLE AS PARTIAL REPLACEMENT OF FINE AGGREGATE”** is a bonafide record of project work carried out by her/him under my supervision submitted by, **P.RAJA REDDY (159Y1A01A3)** in partial fulfillment of the requirement for the award of degree of **“ BACHELOR OF TECHNOLOGY ”** in **“CIVIL ENGINEERING”** , K.S.R.M. College of Engineering is an authentic work carried out by them under the supervision and guidance.


Project Guide

Prof . V. GIRIDHAR, M. Tech., Ph.D.,
Department of Civil Engineering
K.S.R.M.C.E, Kadapa.


Head of the Department

Dr. G. SREENIVASA REDDY, M.E.Ph.D.
Department of Civil Engineering,
K.S.R.M.C.E, Kadapa.

Place: Kadapa

Date: 02/05/2019


Internal Examiner


External Examiner

K S R M COLLEGE OF ENGINEERING (AUTONOMOUS)

KADAPA – 516003

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that this is a bonafide record of the dissertation work entitled, “**EXPERIMENTAL STUDY ON CONCRETE USING COPPER SLAG AS REPLACEMENT MATERIAL OF FINE AGGREGATE**”, done by **K.SREEKANTH (169Y5A0124), P.SWAPNA (169Y5A0143), P.J. SIDDARTHA (169Y5A0137), Y.AMRUTH KUMAR (169Y5A0164), M.A.AKHIL KUMAR REDDY (169Y5A0133)** submitted to the faculty of Civil Engineering, in partial fulfillment of the requirements for the award of Degree of **BACHELOR OF TECHNOLOGY** with specialization in **DEPARTMENT OF CIVIL ENGINEERING** from K S R M College of Engineering (Autonomous), Kadapa.

B. Sravani

Project Guide:

Miss. B.Sravani, M.Tech
Assistant Professor
Department Of Civil Engineering
K.S.R.M College of Engineering

Prof. G. Sreenivasa Reddy
29/04/19

Head of the Department:

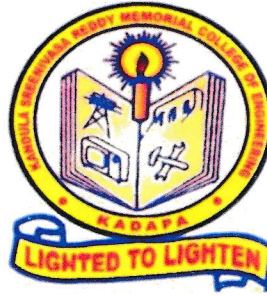
Prof. G. Sreenivasa Reddy M.E., Ph.D
Professor & HOD
Department of Civil Engineering
K.S.R.M College of Engineering

Date: 02-05-2019

[Signature]
Internal Examiner

[Signature]
External Examiner

K.S.R.M COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “ M30 Mix Design by ACI Method using Fixit-101 Admixture “ work done R.V.SIVREDDY(169Y5A0146), M.MAHABOOB BASHA(169Y5A0134), U.TEJA (169Y5A0160), T.GANESH (169Y5A0157),S.ABDULAMANULLA (169Y5A0149) is a bonafide work during the academic year 2018 – 2019.

Project Guide:

Sir. T. Prasanth M. Tech

Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

K.S.R.M College of Engineering

Head of the Department:

Prof. G. Sreenivasa Reddy M.E, PhD

DEPARTMENT OF CIVIL ENGINEERING

K.S.R.M College of Engineering

Date : 2-5-19

Internal Examiner

External Examiner

K.S.R.M COLLEGE OF ENGINEERING (Autonomous)

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT REPORT ENTITLED "A CASE STUDY ON SOLID WASTE MANAGEMENT IN AND AROUND KADAPA CITY" IS A BONAFIDE WORK DONE BY

S. MAHAMMAD ALI (169Y5A0151),

G. PAVAN KUMAR REDDY (169Y5A0114),

DINESH KUMAR (169Y5A0131),

C. JAYA LAKSHMI (169Y5A0110),

S.V.MD. SADIQ ALI (169YA0153)

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING, J.N.T.U.A. ANATAPUR, IS AN AUTHENTIC WORK CARRIED OUT BY THEM UNDER MY SUPERVISION AND GUIDANCE.


Project Guide

**Mr. A. RAHUL SAI, M.Tech,
Assistant Professor, CED,
K.S.R.M. College of Engineering,**

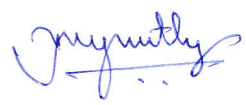

Head of the Department

**Prof. G. SRINAVA REDDY,
Civil Engineering,
K.S.R.M. College of Engineering,**

Date: 02-05-2019

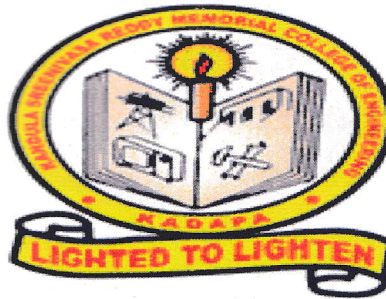
Place: Kadapa


Internal Examiner


External Examiner

K.S.R.M.COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

2015-2019



CERTIFICATE

*This is to certify that Project report entitled “**PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH A CONCRETE MIX BY USING COCONUT SHELLS**” is a bonafide record of project work carried out by her/him under my supervision being submitted **P.Venkata Surendra (159Y1A01A7), M.Chaitanya Kumar (159Y1A0181), K.Bhavya (159Y1A0159), K.Vijaya Kumar (159Y1A0174), O. Sumanth (159Y1A0197)** in partial fulfillment of the requirement for the award of the degree of “**BACHELOR OF TECHNOLOGY**” in “**CIVIL ENGINEERING**”, K.S.R.M College of Engineering is an authentic work carried out by them under my supervision and guidance.*

P.Kishore

Project Guide

P.Kishore Kumar Reddy, M.Tech.
Assis.Professor of Civil Department,
K.S.R.M College of Engineering,
Kadapa-516003 (A.P).

Dr.G.Sreenivasa Reddy
02/05/19

Head of Department

Dr.G.Sreenivasa Reddy, M.E; Ph.D
Professor of Civil Department,
K.S.R.M College of Engineering,
Kadapa-516003 (A.P).

Date: 2/5/19

Place:

Dr.G.Sreenivasa Reddy
02/05/19
Internal Examiner

M. Basheer Uddin
External Examiner

K.S.R.M COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “ DESIGN OF FLEXIBLE PAVEMENT FOR EXISTING COLONY “ work done **G. SAI PRIYANKA (169Y5A0115)** is a bonafide work during the academic year 2018 – 2019.

B. Sravani
Project Guide:

Miss. B. SRAVANI, M.Tech
Assistant Professor
DEPARTMENT OF CIVIL ENGINEERING
KSRM College of Engineering

[Signature] 01/05/19
Head of the Department:

Prof. G. Srinivasa Reddy M.E, PhD
DEPARTMENT OF CIVIL ENGINEERING
K.S.R.M College of Engineering

Date : *02-05-19*

[Signature]
Internal Examiner

[Signature]
External Examiner

K. S. R. M. COLLEGE OF ENGINEERING (AUTONOMOUS)

KADAPA - 516003, A.P.

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that this Project Report entitled "**PLANNING, ANALYSIS, DESIGN, 3D MODELLING & ESTIMATION OF A COLLEGE BUILDING (G+3)**", is a bonafide record of project work carried out by her/him under my supervision being submitted by,

G.K. KEERTHI (159Y1A0136)

G. VENKATESH (159Y1A0133)

D. NAVEEN KUMAR (159Y1A0130)

A. BHARATH KUMAR REDDY (159Y1A0104) S. RAJASEKHAR (149Y1A01D0)

In the partial fulfillment of the requirements for the award of Degree of **BACHELOR OF TECHNOLOGY** with specialization in **CIVIL ENGINEERING** from K. S. R. M. College of Engineering (Autonomous), Kadapa.

Project guide:

Prof. A. MOHAN, M. TECH

Director, Kandula Group of Institutions &
Prof, CED

K. S. R. M. College of Engineering
(Autonomous)

Head of the Department

Dr. G. SREENIVASA REDDY, M.E. Ph.D.

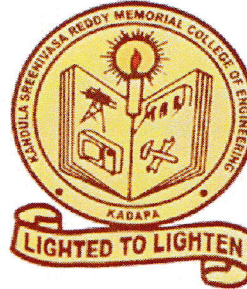
HOD & Prof, CED

K. S. R. M. College of Engineering
(Autonomous)

DATE:

Internal Examiner
External Examiner

DEPARTMENT OF CIVIL ENGINEERING
K.S.R.M.COLLEGE OF ENGINEERING(AUTONOMOUS)
KADAPA-516003, A.P



Estd: 1980

Certificate

THIS IS TO CERTIFY THAT THIS PROJECT REPORT ENTITLED
ADVANCED ANALYSIS OF ROADS & DRAINAGE
IS THE BONAFIED WORK SUBMITTED BY

P. VENKATA SIVA REDDY (159Y1A01B6)

S. AASIF MUSTHAFA(159Y1A01D3)

S. MAHAMAD SUHAIL (159Y1A01D6)

S. GHOUSE BASHA(159Y1A01D5)

S. RIYAZ (159Y1A01D0)

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

**BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING J.N.T.U. ANANTHAPUR,
2015- 2019.**



Project Guide


Sri N. PRATHAP KUMAR, M.Tech
Assistant Professor, CED
K.S.R.M. College of Engineering,
Kadapa.


Head of the Department

Prof. G. SREENIVASA REDDY, M.E, Ph.D.
Department of Civil Engineering,
K.S.R.M. College of Engineering,
Kadapa.

Date: 04-05-19
Place: Kadapa


Internal Examiner


External Examiner

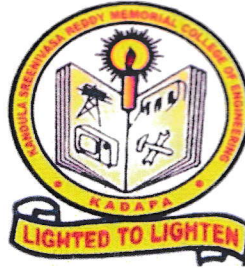
K S R M College of Engineering (Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

(Accredited by National Board of Accreditation (NBA), New Delhi)

(An ISO 9001:2000 Certified Institution) KADAPA- 516003

Department of Civil Engineering



CERTIFICATE

This is to certified that a bonafied record of the project work entitled "**low LOW COST ROOFINF TILES USING AGRICULTURE WASTES**" doneby P.SURESH (169Y5A0140), T.GANESH YADAV, (169Y5A0158), P.MAHESWAR REDDY (169Y5A0139),P.SATISH KUMAR REDDY,(169Y5A0144),S.VAMSIDHAR REDDY (169Y5A0147), In partial fulfilment of the requirements for the award of the degree for **bachelor of Technology** in Civil Engineering (Autonomous), Kadapa, during the year 2018-2019.

Signature of the supervisor

Miss.B.Asmini Kumari, M.Tech.,

Department of Civil Engineering

K S R M College of Engineering

Signature of the Head of the Department

Prof.G.Sreenivasula Reddy, M.E, ph.D.,

Department of Civil Engineering

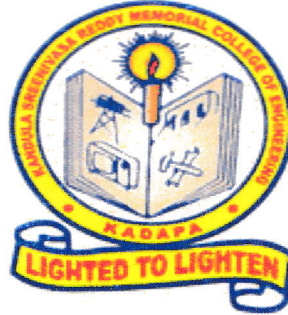
K S R M College of Engineering

Date 02-05-2019

Internal Examiner

External Examiner

**K.S.R.M.COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING**



CERTIFICATE

This is to certify that this project report entitled

**STUDY ON GYPSUM AS A REPLACEMENT OF
CEMENT IN CONCRETE**

Is the bonafied work submitted by

V. SIVA PRASAD REDDY(159Y1A01F5)

V. SAI CHARAN (159Y1A01F3)

S. SUDHA(159Y1A01D1)

T.SATISH(159Y1A01F1)

T. CHAKRAVARTHY(159Y1A01E7)

*In partial fulfilment of the requirements for the award of the degree of
Bachelor of Technology in Civil Engineering, J.N.T.University,
Ananthapur.*

2018-2019

P. Kishore Kumar Reddy
Project Guide

P.Kishore Kumar Reddy, M.Tech.

Assis .Professor of Civil Department,

K.S.R.M College of Engineering,

Kadapa-516003 (A.P).

Dr. G. Sreenivasa Reddy
Head of the Department

Dr.G.SreenivasaReddy M.Tech, Ph.D

Professor of Civil Department,

K.S.R.M College of Engineering,

Kadapa-516003 (A.P).

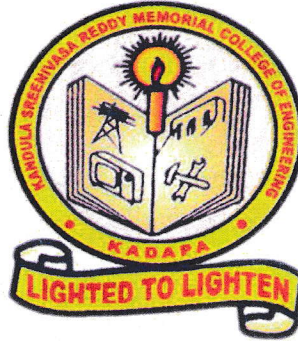
Date:

Place:

Dr. G. Sreenivasa Reddy
Internal Examiner

[Signature]
External Examiner

DEPARTMENT OF CIVIL ENGINEERING
K.S.R.M. COLLEGE OF ENGINEERING (AUTONOMOUS)
KADAPA – 516003(A.P)



CERTIFICATE

This is to certified that a bonafide record of the Project Report work entitled “A **STUDY ON STRENGTH CHARACTERISTICS OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH GROUND GRANULATED BLAST FURNANCE SLAG USING M30 GRADE**” done and submitted by

B.VENKATA SAI THARUN TEJA (159Y1A0117)

A.VINOD KUMAR (159Y1A0102)

B.KRISHNA NAIK (159Y1A0118)

G.SURESH (159Y1A0138)

A.SIVA NARAYANA REDDY (149Y1A0103)

In partial fulfilment of the requirements for the award of Degree **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** from K S R M College of Engineering (Autonomous), Kadapa.


Project Guide

P.KISHORE KUMAR REDDY, M.Tech

Asst. Professor,

Dept of Civil Engineering.


Head of the Department

Prof .G.SREENIVASA REDDY, M.E., Ph.D

Professor & HEAD,

Dept of Civil Engineering.

Date:


Internal Examiner


External Examiner

K S R M COLLEGE OF ENGINEERING
(AUTONOMOUS)
KADAPA- 516003

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certified that a bonafied record of the project work entitled “USE OF PLASTIC IN BITUMINOUS PAVEMENTS” done by **R. HARISH REDDY (159Y1A01C3)**, **T.SREEDEVI (159Y1A01E8)**, **B.SARAN KUMAR (169Y5A0105)**, **S.KOTESWARUDU (159Y1A01C6)** and **S.M.D.RAFEEQ (159Y1A01D7)** in partial fulfilment of the requirements for the award of the degree for BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING (AUTONOMOUS), Kadapa, during the year 2018-2019.

Signature of the Supervisor

Smt. K. Niveditha, M.Tech.,
Department of Civil Engineering
K.S.R.M. College of Engineering

Signature of the Head of the Department

Prof. G.Sreenivasula Reddy, M.E., Ph.D.,
Department of Civil Engineering
K.S.R.M. College of Engineering

DATE:

INTERNAL EXAMINER

EXTERNAL EXAMINER

K S R M College of Engineering (Autonomous)

K A D A P A – 516 003

Department of Civil Engineering



CERTIFICATE

This is to certify that this Project Report entitled **“ASSESSMENT OF GROUND WATER QUALITY USING WATER QUALITY INDEX (WQI)”**, is a bonafied record of project work carried out by her/him under my supervision being submitted by,

SANGIREDDY NEELAVATHI (159Y1A01C7)

SK. MIZBA (159Y1A01D8)

S. VENKATA KARTHIK (159Y1A01D2)

S. RAJESH (159Y1A01C8)

S. AJITH KUMAR (159Y1A01E3)

In the partial fulfilment of the requirements for the award of Degree of **BACHELOR OF TECHNOLOGY** with specialization in **CIVIL ENGINEERING** from K.S.R. M. College of Engineering (Autonomous), Kadapa.

Signature of the Supervisor

Sri. T. Prasanth, M. Tech

Assistant Professor

Department of Civil Engineering

KSRM College of Engineering

Signature of the Head of the Department

Prof. G. Sreenivasa Reddy, M.E, Ph.D.

HOD & Prof

Department of Civil Engineering

KSRM College of Engineering

Signature of Internal Examiner

Signature of External Examiner

Date: 04/05/2019.

K S R M COLLEGE OF ENGINEERING (AUTONOMOUS), KADAPA

KADAPA – 516003

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

Certified that this is a bonafide record of the dissertation work entitled, "**PARTIAL REPLACEMENT OF BITUMEN CONTENT BY USING WASTE PLASTIC**", done by **K.SRINIVAS (169Y5A0122), K.SWETHA (169Y5A0126), K.RAM KUMAR(169Y5A0125), P.SIVARAMAIAH (169Y5A0141), K.UDAY KUMAR (169Y5A0123)** submitted to the faculty of Civil Engineering, in partial fulfillment of the requirements for the award of Degree of **BACHELOR OF TECHNOLOGY** with specialization in **DEPARTMENT OF CIVIL ENGINEERING** from K S R M College of Engineering (Autonomous), Kadapa.

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CERTIFICATE

This is to certify that this Project Report entitled "**DESIGN OF SLOPE STABILITY IN CUTTING AT CHAINAGE 21620-21800 ON LEFT AND RIGHT HAND SIDE AT PENDLIMARRI YARD BY USING GEOSTUDIO – A CASE STUDY**", is a bonafied record of project work carried out by her/him under my supervision being submitted by,

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