# SAMSKRUTI GOLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE & Affiliated to JNPUH)

Kondapur(V), Ghatkesar(M), Medchal, Hyderabad-501301 2018 -2019



#### CERTIFICATE

This is to certify that main project entitled "STRENGTHEN OF EPS CONCRETE BY USING STEEL FIBERS" has been carried out by student mentioned below in partial fulfillment of the degree of B. Tech in Givil Engineering, SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY during the academic year 2018-2019.

By	
M.SANDEEP	16U15Â0113
K.MOHAN RAO	15U11A0117
D.RANADHEER NAYAK	16U15A0105
E.PRAVEEN KUMAR	16U15A0106
M.SAMPATH KUMAR	16U15A0114
P.VENKATESHAM	16U15A0117

PROJECT GUIDE Mr. SISANDEEP KUMAR ASST PROF. MTECH

HEAD OF THE DEPARTMENT
Mr.Dr. C.SORNA CHANDRA DEVDAS
ASSOC PROF, PhD

Ou levelan 2019

PRINGIPAL DR. J. GOVARDHAN M.E (DŮ), PH.D (OU)

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetheser (M), R.R. Dist

### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE & Affiliated to JNTUH)

Kondapur(V), Ghatkesar(M), Medchal, Hyderabad-501301 2018 - 2019



### **CERTIFICATE**

This is to certify that main project entitled "A STUDY OF COMPRESSIVE STRENGTH OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH CERAMIC POWDER AND FINE AGGREGATE WITH BRICK POWDER AT VARIOUS PERCENTAGES" has been carried out by student mentioned below in partial fulfillment of the degree of B.Tech in Civil Engineering, SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY during the academic year 2018-2019.

By

**G.GOUTHUM** 

15U11A0111

M.SRUJAN KUMAR

15U11A0123

N.RAVI

15U11A0129

O.SHEKHAR

15U11A0130

**B.ARAVIND** 

16U15A0103

K.VINAY KUMAR

16U15A0109

PROJECT GUIDE

Mr.P.M.B.RAJ KIRA

Assistant Professor

HEAD OF THE DEPARTMENT

Dr.C.SORNA CHANDRA DEVADAS

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PRINCIPAL Dr. J. GOVARDHAN

M.E (DU), PH.D (OU)

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### SAMSKRUTICOLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AfCTE, New Delhi Affiliated to JNTUH, Hyderabad) Kondapur (V), Ghutkesar (M), R.R. Dist.-501301 2018-2019



### CERTIFICATE

This is to certify that the technical major project work entitled "STRENGTH &CHARACTERSTICSOF GREEN CONCRETE WITH FLY ASH AND PARTIALLY REPLACED NATURAL SAND WITH QUARRY DUST AND MARBLE POWDER" is a bonafide work has been carried by students mentioned below under our supervision during academic year (2018-2019) in partial fulfilment of the requirements for the award of the degree of bachelor of technology in civil engineering to the Jawaharlal Nehru Technological University, Hyderabad.

L.RAVALI	(16U15A0112
K.ARCHANA	(16U15A0110)
G.PRASANNA	(15ULIA0116)
G.SHOBHA RANI	(15U11A0114)
KLAVANYA	(16UL5A0[]])
G.BHAYANI	(15U11A0113)
P.KANAKAVVA	(15เติโป Aกรระง

Head of the Department

MEP.M.B.RAJKIRAN NANDURI Assistant professor

Dr.C SORNA CHANDRA DEVDAS Assistant professor

Aminer

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetheser (M), R.R. Dice

(Approved by A.LC.T.E., New Delhi, Affiliated to JNTU, Hyderabad) Kondapur (Village), Ghatkesar (Mandal), R.R.Dist. Pin – 501301. Phones: 08415-222491/92



# DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE

This is to certify that the dissertation entitled "Mechanical Properties of Ternary Blended Concrete" being submitted by "CH.Vinod kumar-16U11A0105; K.Bhavana-17U15AO14; B.Mounika-17U15A0103; P.Priyanka-17U15A0114; D.Premdas-17U15A0131; M.Ramesh Naik-17U15AO136; in partial fulfillment of the requirements for the award of the BACHELOR OF TECHNOLOGY of in CIVIL ENGINEERING, is a record of bonafide work done under my guidance & supervision.

The results embodied in dissertation have not been submitted to any other University or Institute to the best of my knowledge for the award of any degree.

The dissertation is satisfactory / unsatisfactory

Approved by

Prof. Dr.CSC. Devadas Head of the Department Asst. Prof. MR. P Bikku

EXTERNAL EXAMINER

Principal
Samskruti College of Engg. & Technology

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### DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE

This is to certify that the dissertation entitled "STRENGTH PROPERTIES OF STEEL FIBER CONCRETE WITH SILICA FUNIF" submitted by

M.SAI KUMAR

: 17U15A0109

V.PRASHANTH

: 17U15A0120

K.SAI KRISHNA

: 17U15A0134

P.SHIVA PRASAD

: 47U15A0141

T.SHIVA PRASAD

: 17U15A0143

Bearing the towards partial fulfillment for the award of Bachelors Degree in Givil department from MSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY, is a record of bonafied work done by them under our guidance. The content in this dissertation in full or in parts are not submitted to any other institution or university, for the award of any degree or diploma

HEAD OF THE DEPARTMENT Dr.CSC DEVDAS

ASSISTANT PROFESSOR

Samskruti College of Engg. & Technolog Kondapur (V), Chetkeser (M), R.R. Dist

## SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE & Affiliated to JNTUH)

Kondapur(V), Ghatkesar(M), Medchal, Flyderabad-501301 2015 -2019



#### CERTIFICATE

This is to certify that main project entitled "BAMBOO REINFORCED CONCRETE" has been carried out by student mentioned below in partial fulfillment of the degree of B.Tech in Givil Engineering, SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY during the academic year 2018-2019.

В	y
V.Rajesh Naik	(16U15A0133)
B.Vinod	(16U15A0123)
E.Sunil Kumar	(16UI5A0107)
O.Kalyan	(16U15A0129)
P.Sravan Kumar	(16U15A0118)
S.Kiran Kumar	(15U11A0138)
G.Maheshwari	(15U11A0153)

INTERNAL GUIDE Mr.P. BIKKU Assistant Professor.

PRINCIPAL Dr. J. GOVARDHAN M.E (DU), PH.D (OU) HEAD OF THE DEPARTMENT
Dr. G.SORNA CHANDRA DEVA DASS
Associate Professor

Examiner

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Kondapur (Village), Ghatkesar (Mandal), Medchal Dist. Pin – 501301
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# DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE

This is to certify that the dissertation entitled DESIGN AND GONSTRUCTION OF SHEARWALLS being submitted by K.Saikumar 16U11A0112, Sakishtareddy 16U11A0124, M.Maheshwari 17U15A0112 V.Parshuram L7U15A0121, M.Prem sagar 17U15A0139, in partial fulfillment of the requirements for the award of the BACHELOR OF TECHNOLOGY of in CIVIL ENGINEERING, is a record of bonafide work done under my guidance & supervision.

The results embodied in the dissertation have not been submitted to any other University or Institute to the Best of my knowledge for the award of any degree.

Dr.CSC. Devadas Head of the Department

Mr.S.Sandcepkumar

Internal Guide

ENTERNAL EXAMINER

Principal
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# DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE

This is to certify that the dissertation entitled "STATIC&DYNAMIC LOAD ANALYSIS OF MULTI STORIED BULIDING USING STAAD PRO"being submitted by "Shaik Rahematullah (17U15A0116) Matta Akhila (17U15A0110) Syed Muzameel (16U11A0125) Meer Rahamath Ali(17U15A0113) NandamRamesh babu (17U15A0144) in partial fulfillment of the requirements for the award of the B.TECH in CIVIL ENGINEERING, is a record of bonafide work done under my guidance & supervision.

The results embodied in the dissertation have not been submitted to any other University or Institute to the best of my knowledge for the award of any degree.

The dissertation is satisfactory / unsatisfactory

Approved by

Asst. Prof. Br.CSC DEVADASS

Head of the Department

Asst. Prof. MR. P.MID RAJ KIRAN NANDURI

Internal Guide

EXTERNAL EXAMINER

Principal
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Kondapur (v), Ghatkesar (M), Medchal Dist. Pin - 501301.

Phones: 08415-222491/9



# DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE

This is to certify that the dissertation entitled "TRAFFIC STUDIES AND ACCIDENT ANALYSIS BY USING GIS SOFTWARE" being submitted by D.R.ADFIA KRISHNA - (16U11A0106), H.NAVYA SRI (16U11A0110), M.GIRIDHAR (16U11A0115), MD.AENAN - (16U11A0116), M.GOPI KRISHNA - (16U11A0120) in partial fulfillment of the requirements for the award of the BACHELOR OF TECHNOLOGY of in CIVIL ENGINEERING, is a record of bonafide work done under my guidance-& supervision.

The results embodied in the dissertation have not been submitted to any other University or Institute to the best of my knowledge for the award of any degree.

Dr.CSC. Devadass

Head of the Department

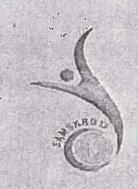
Mr. Hancef

Internal Guide

EXTERNAL EXAMINER

Samskruti College of Engg. & Technology Kondapur (V), Ghatheser (M), R.R. Dist

(Approved by A.I.G.T.E., New Delhi, Affiliated to JNTU, Hyderabad) Kondapur (Village), Ghatkesar (Mandal), Medchal Dist. Pin – 501301 Phones: 08415-222491/92



# DEPARTMENT OF CIVIL ENGINEERING <u>CERTIFICATE</u>

This is to certify that the dissertation entitled EFFECT OF SIZE OF SAND ON IN-SITU DENSITY OF SOIL IN SAND REPLACEMENT METHOD

being submitted by Jamshed 15U11A0152, Yashwanth15U11A0139,N krishna 16U11A0124 Srinivas 16U15A0132B teja 17U15A0102,K,surajkumar 17U15A0108, in partial fulfilment of the requirements for the award of the BACHELOR OF TECHNOLOGY of in CIVIL ENGINEERING, is a record of bonafide work done under my guidance & supervision

The results embodied in the dissertation have not been submitted to any other University or Institute to the best of my knowledge for the award of any degree

INTERNALGUIDE

EXTERNAL EXAMINER

Dn.CSC, Devadas, Head of the Department Crost engineering Internal

BRINCIPAL

Principal
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# DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE

This is to certify that the dissertation entitled "ROAD SAFETY UNDER LOW VISIBILITY CONDITION" being submitted by "A.SHASHIDHAR (17015A0101), M.NIKHILKUMAR (17015A0111), B. RAJA SHEKAR NAYAK-(17015A0123). D.SUNIL (17015A0129), M.HARISHKUMAR (17015A1037), M.MANOJKUMAR (17015A0138)" in partial fulfillment of the requirements for the award of the BACHELOR OF TECHNOLOGY of in CIVIL ENGINEERING, is a record of bonafide work done under my guidance & supervision.

The results embodied in the dissertation have not been submitted to any other University or Institute to the best of my knowledge for the award of any degree.

Dr.CSC. Devadass
Head of the Department

EXTERNAL EXAMINER

Mr. S.Mahesh Asst.prof

Samskruti College of Engg. & Technolog Yandapur (V), Ghetkeser (M), R.R. Dist

KONDAPUR(V), GHATKESAR(M), RANGA REDDY DIST. [Approved by AICTE and Affiliated to JNTU, HYDERABAD]

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### **CERTIFICATE**

Certified that this is a bonafide record of the Project report entitled, "Niero grid Modeling, Planning and Operation", done by

Mr. LSAI KRISHNA

15U15A0208

Mr. K.SRICHARAN

15U15A0209

Mr. T.VIJAY KUMAR

15U15A0218

Miss. P.SHIREESHA

14U11A0211

submitted to the faculty of Electrical &Electronics Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY with specialization in ELECTRICAL & ELECTRONICS ENGINEERING from Jawaharlal Technological University, Hyderabad.

Internal Guide Mr. M. Bhasker M. lech Assistant Professor

Head of the Department Mr. A. Suresh Kumar M. Tech (Ph.D.)

Associate Professor

LUST KIN P. S. D.

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External Examiner

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE & Affiliated to JNT University Hyderabad) Kondapun(V), Ghatkesar(M), Medehal-(Dist) = 501301

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### CERTIFICATE

This is to certify that the project work entitled "HB UNIPOLAR AND HERIC SINGLE PHASE TRANSFORMERLESS PV INVERTER TOPOLOGY" is being submitted by E.RAMESH (14U11A0204), MD.ALTHAF (15U15A0211), K.SAIKUMAR (14U11A0208), B.VENKATESH (14U11A0203).

In partial fulfillment of the requirement for the award of the B.Tech in Electrical & Electronics Engineering (E.E.E) to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, (JNTU) HYDERABAD during the year 2017-18 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.

INTERNAL GUIDE

Dalpolani

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE & Affiliated to JNT University Hyderabad) Kondapur(V), Ghatkesar(M), Medchal-(Dist) = 501301

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project work entitled "420 KV PANTOGRAPH ISOLATOR USING MOTOR OPERATING MECHANISM" is being submitted by G.SURYA NIRMITHA (15U11A0204), D.RAJU (15U15A0203), E.SATHISH (14U11A0205), K.GHNANAMMA (14U11A0206). In partial fulfillment of the requirement for the award of the B.Tech in Electrical & Electronics Engineering (E.E.E) to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, (JNTU) HYDERABAD during the year 2017-18 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.

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EXTERNAL EXAMINER

Principal
Samskruti College of Engg. & Technology
Kondepur (V), Ghathesar (M), R.R. Dist

KONDAPUR(V), GHATKESAR(M), RANGA REDDY DIST. [Approved by AICTE and Affiliated to JNTU, HYDERABAD]

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### **CERTIFICATE**

Certified that this is a bonafide record of the Project report entitled, "PASSWORD BASED CIRCUIT BREAKER", done by

Mr. B.SANDEEP

15U15A0202

Mr. B.ANIL KUMAR

14U11A0201

Mr. N.VENKATESH

15U15A0213

Mr.P.NARESH

submitted to the faculty of Electrical Engineering, in partial fulfillment of the requirements for the Degree of BACHELOR OF TECHNOLOGY with specialization in ELECTRICAL & ELECTRONICS ENGINEERING Technological University, Hyderabad. from Jawaharlal Nehru

B.SRAVANTHI M.Tech

Assistant Professor

Head of the Department

Mr. A. Suresh Kumar M. Tech (Ph.D.)

Associate Professor

Inskrutt Cologo of Engg. & Teen

""!!kesal, R.R. Dist-501 301

External Examiner

Principal

Samskruti College of Engg. & Technolog

### SAMSKRUTHI COLLEGE OF ENGINEERING AND TECHNOLOGY [KONDAPUR(V) GHATKESAR(M), RANGA REDDY DIST. [Approved by AICUE and Affiliated to JNTUH, HYDERABAD]

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

Certified that this is a bonafide record of the seminar report enabled, "D-STATCOM ",done byMr. Y.SHIVA KUMAR (ISUISA0224).Mr. PALLY SAIRAM GOUD (ISUISA0215). Mix.V. SPANDANA(ISUISA0221), Mix.G. MANEESHA(ISUISA0206), Mr.RAVULA BHAGATH REDDY(13U11A0226Lsubmitted to the faculty of Electrical Engineering.in partial fulfillmentoftherequirements for the Degree of BACHELOR OF TECHNOLOGY with specialization in ELECTRICAL & ELECTRONICS ENGINEERING from Jawaharial Nehru Technological University, Hyderahad.

Signature of the Head of the Department

A.Suresh Kumar Meterkeran

Assoc Professor & Head

Department of EEE

क्रम् ६ एवर १० इस्ट्राय्य क्राया किंग्डल बहा छात्र छा।

External Examiner

A.Sureshkumar Asst.Professor

Department of EEE

Samskruti College of Engg. & Technology Kondapur (V), Ghetkesar (M), R.R. Dist

MINSKRI TECOLLEGE OF ENGINEERING AND TECHNOLOGY を行うないとればならはATKESAR(M), MEDCHAL DIST.

「科学のいっぱん おしてた and Ambated to JNTLR, HYDERABAD」

DEF, OR FUENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### OFBURICATE

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laicenal Cartes

Mr. K. Sridhar wites (re.tt.)

American Professor

B

Head of the Department

Man and the state of the

Mr. A. Sucesh Kumar wask (ram)

Associate Professor

External Examiner

Principal

Samskruti College of Engg. & Technolog Kondapur (V), Ghatkeser (M), R.R. Dist

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR (V), GHATKESAR (M), MEDCHAL DIST. [Approved by AICTE and Affiliated to JNTUH, HYDERABAD]

# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

This is to Certified that this is a bonafide record of the project report entitled, SINESOIDAL PWM INVERTER USIN MATLAR" is done by G.AKHIL KUMAR 15U15A0207), V.BALA KRISHNA (15U15A0222), K.VINAY KUMAR (15U15A0225), K.NARENDER (14U11A0207) Submitted to the faculty of Electrical & Electronics Engineering, in particular fulfillment of the requirements for the degree of BACHELOR OF TECHNOLOGY with specialization in ELECTRICAL & ELECTRONICS ENGINEERING from Jawaharlal Nehru Technological University, lyderabad

nternal Guide

Ir. K. Sridhar M. Tech (Ph.D.)

ssistant Professor

Head of the Department

Mr. A. Suresh Kumar M. Tech (Ph.D.)

Associate Professor

Dapt of BEE Justicutt College of Engg. & Tec "Tikesar, R.R. Dist-501 301

External Examiner

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

### EEPARTMENT OF MECHANICAL ENGINEERING SAMSHRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR [V], GHATKESAR [M], MEDCHAL [Mist.] (AFFILIATED TO JNTU, Myderabad)



### CERTIFICATE

This is to certify that the project report entitled "SMART FFLMET" is a main project work done under our supervision and is being submitted by G.SAMPATH (15U1A8315), D.NAGSOMNATH (15U11A0346), T.PRATISH (16U15A0316), V.LOKESH (16U15A0319).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Hyderabad during the academic year 2018-2019.

Signature of the Head of the Dept

Mr. K.VIJAY KUMAR

M.Tech (Ph.,D)

Ass.Professor

Place: Kondapur

Date:

Mr. K. VIJAY KUMAR

M.Tech(Ph.,D)

Esternal Examiler

Principal Samskruti College of Engg. & Technole

Kondapur (V), Ghatkesar (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC) Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)



### CERTIFICATE

This is to certify the project entitled "PATIENT SPECIFIC 3D PRINTED ARM CAST" is being submitted by B.SUDHAKAR (15U11A0303), B.RAJGOPAL (15U11A0306), C.ARUN KUMAR (15U11A0311), M.KARNAKAR RAO (15U11A0327) in partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering at SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Engineering at Samskruti College of Engineering and Kondapur. This record is a bonafide work carried out by him under my guidance and Kondapur. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal Guide (Mr.S. Veerendra Prasad) Head Of the Department (Mr.K.Vijay Kumar)

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist External examiner

13

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC)

Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)

CERTIFICATE

This is certify the project entitled "STATIC TESTING ON SOLID FUEL ROCKET ENGINE" is being submitted by

D.KARTHIK

(15U11A0312)

D.BALA SHIVUDU

(15U11A0313)

K.ARAVIND BABU

(15U11A0318)

K.MUKESII KUMAR REDDY (15U11A0326)

In partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering to the SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, KONDAPUR. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal Guide

(Mr. S.VEERLNDRA PRASAD)

18/

Head Of the Department.
(Mr. R. VIJAYKUMAR)

11

Principal

Samskruti Coilege of Engg. & Technology Kondapur (V), Ghetkesar (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING

SAMSKRUTT COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to Jawaharlal Nehru Technological University, Hyderabatl)

Kondapor (V), Ghathesar (M), Medchal Malkajgiri Dist. Hyderabad 501301

2018-2019



### Certificate

This is to certify that this project report entitled "Pick and place robotic" by submitted in partial fulfillment of the requirements for the degree of bachelor of Technology in mechanical engineering in SAMSKRUTI COLLEGE OF Jawaharlal Nehru AND TECHNOLOGY(Affiliated to Technological University, Hyderabad), is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

V.BHASKAR

K.NISHITH KUMAR

CHRANJITH KUMAR GOUD

Mr. Dharmasoth Naveen

Asst Professor

16U15A0317

16U15A0308

16U15A0303

Head of the Department

Mr. K. Vijay Kumur

Professor & HOD

kemcipal Samskruti College of Engg. & Technolog Kondapur (V), Ghatkesar (M), R.R. Dist

External Examiner

#### DEPARTMENT OF MECHANICAL ENGINEERING

#### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Jawaharlai Nehru Technological University, Hyderabad)
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2018-2019



### Certificate

This is to certify that this project report entitled "AN EXPERIMENTAL ANALYSIS OF BIO DIESEL ON FOUR STROXE C.I ENGINE" by

J.MENU MITTU

[15U11A0317],

MOHAMMED AFROZ [15U11A0329],

D.ANIL KUMAR

[16U15A0301],

D.VENKATESH GOUD [16U15A0304].

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Technology in Mechanical Engineering in SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to Jawaharlal Nehru Technological University, Hyderabad), is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

Guide 7

1

External Examinor

Head of the Department

Mr. K.VIJAY KUMAR MITECH

Mr. K. Vijay Kumar M.Tech,

Asst Professor & HOD

Asst. Professor

Samskruti College of Engg. & Technology Kondapur (V), Ghetkeser (M), R.R. Dist

24

# DEPARTMENT OFMECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC)

Kondapur (V), Ghatkesar (M), R.R. (Dist).

(2018-19)



### **CERTIFICATE**

This is to certify the seminar entitled "ENHANCED VERTICAL WIND MILL" is being submitted by N.SHIVA KRISHNA REDDY, R.ASHOK, J.RAHUL, J.PRAVEEN.

In partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering at SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Kondapur. This record is a Bonafide work carried out by him. The result embodied in this seminar report has not been submitted to any other university or institute for the award of any degree or diploma.

PROJECT GUIDE

MR.SATEESH ITKALE

Assistant Professor

SIGNATURE OF THE

HEAD OF THE DEPARTMENT.

Mr. K. VIJAY KUMAR

Assistant Professor&HOD

Principal

Samskrutt College of Engg. & Technolog Kondapur (V), Ghatkeser (M), R.R. Dist

### DEPARMENT OF MECHANICAL ENGINEERING

### SAMSKRUCT COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to INTU HYDERABAD)

Kondapur (V), Ghatkesar (M), Medchal (Dist.)

(2015-19)

### CERTIFICATE

This is certify the project entitle "DESIGN AND STRESS ANALYSIS OF IC ENGINE CAMSHAFT" is being submitted by

INAMUL HOQUE (15U11A0350), PRADEEP KUMAR CHAURASIA (15U11A0357),

MANOJ KUMAR RAM (15U11A0358), RAJESH MAHATO (15U11A0361)

In partial fulfilment for the award of Technology in Mechanical Engineering to

the JNTU, HYDERABAD. This record is a bonafide work carried out by him under

My guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal plude's signature

Mr S. NARESH

Asst. Professor

Dept.ofMECH.

signature of the Head of Dept.

Mr K. VIJAYKUMAR

Asst. prof. &HOD

Dept. of MECH.

External Examiner

rincipal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkeser (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR [V], GHATKESAR [M], MEDCHAL [Dist.] (AFFILIATED TO JNTU, Hyderabad)



### CERTIFICATE

This is to certify that the project report entitled "SMART HELMET" is a main project work done under our supervision and is being submitted by G.SAMPATH (15U1A0315), D.NAGSOMNATH (15U1A0346), T.PRATISH (16U15A0316), V.LOKESH (16U15A0319).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY. Hyderabad during the academic year 2018-2019.

Guide's signature:

Signature of the Head of the Dept

Mr. K.VIJAY KUMAR

M.Tech (Ph.,D)

Ass.Professor

Place: Kondapur

- 1000. 11111111111111111

Date:

Mr. KIVIJAY KUMAR

M.Tech(Ph.,D)

External Examiner:

Principal
Samskruti College of Engg. & Technology
Kondapur (V), Ghatkeser (M), R.R. Dist

### DEPARTMENT OF MECHANICAL ENGINEERING

KONDAPUR [V], GHATKESAR [M], MEDCHAL [Dist.]
(AFFILIATED TO JNTU, Hyderabad)



### CERTIFICATE

This is to certify that the project report entitled "EXPCLORATION ANALYSIS OF ROCKET NOZZLE" is a main project work done under our supervision and is being submitted by K. RAVI (15U11A0321), N. SHARATH CHANDRA (15U11A0331), U.RAVI TEJA (15U11A0337), G. SHASHIDHAR REDDY (15U11A0349).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Hyderabad during the academic year 2018-2019.

Guide's signature;

Mr. K. VIJAY KUMAR

B. Tech, M. Tech

Asst. Professor,

Dept. Of MECHANICAL

Place: Kondapur

Date:

Signature of the Head of the Dept.:

Mr. K. VIJAY KUMAR

M. TECH, (Ph.D.)

Head of the Dept.

Dept. Of MECHANICAL

Examiner:

ii

Samskruti College of Engg. & Technolog Kondapur (V), Ghetkesar (M), R.R. Digi

### Department of Mechanical Engineering SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to I.N.T.U-HYD, Approved by AICTE)
KONDAPUR (V), GHATKESAR (M), MEDCHAL (Dist), TELANGAMA-501301.

(2015-2019)



### CERTIFICATE

This is to certify that Project report entitled "DESIGN AND DYNAMIC STRESS ANALYSIS ON CRANKSHAFT OF DIESEL ENGINE" is being submitted by B.LINGANNA(15U15A0303), R.SANDEEP KUMAR(15U15A0319), G.SHOBAN BABU (16U15A0321), MD. KADERUZZAMAN(14561A0328) in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in Dept of MECHANICAL. This Project is a bonafide work carried out by her/him under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of under graduation.

FZ= 37 = 117 INTERNAL GUIDE

Mr.Ramesh

Asst.professor

HEAD OF THE DEPARTMENT

Mr. K. VIJAY KUMAR

Professor & HOD

Principal

Samskruti College of Engg. & Technolog Kondapur (V), Ghatkesar (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC)

Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)



#### CERTIFICATE

This is certify the project entitled "EXPERIMENTAL INVESIGATION OF MECHANICHAL PROPERTIES ON \$\$410 IN EDM DRILLING WITH VARIOUS PARAMETERS" Is being submitted by

A.NAGARAJU (15U11A0301)

B.ILESH (15U11A0307)

K:AMOL (15U11A0319)

MANIPAL (15E11A0314)

In partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering to the SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, KONDAPUR. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

P. C. Phethore
Internal Guide's signature
Mr. P.CHANDRA BHUSHANAM
Asst Professor Dept of MECH

Signature of the Head Of the Department.

Mr. K. VHAYKU
Professor & HOD Dept of MECH

Head of Department Mechanical Engineering Samskruthi College of Engg. & Trich Kondapur (V), Ghethesar (M), R.A. (Lista)

Principal

Samskruti College of Engg. & Technological Kondapur (V), Ghatkesar (M), R.R. Dis

ii

## DEPARTMENT OFMECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD)

Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)



#### CERTIFICATE

This is certify the project entitled "DESIGN AND THERMAL ANALYSIS ON DTH DRILL BIT WITH DIVERSE MATERIALS" Is being submitted by

**B.SANTOSH** 

(15U11A0305)

MISAIRAM

(16U15A0310)

S.SAINADH REDDY

(16015A0315)

**K.VEDAVYAS** 

(16U15A0318)

In partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering to the SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, KONDAPUR. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the

award of any degree or diploma.

Internal Guide's signature

Asst Professor

Mr.B. Venkatesh

External examiner

Signature of \
Head of the Department.

Mr.K.VUAYKUMAR Professor&HOD

Samskruti College of Engg. & Technologi Kondapur (V), Ghatkesar (M), R.P. 11

### DEPARTMENT OF MECHANICAL ENGINEERING

### SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to INTU HYDERABAD)

Kondapur (V), Ghatkesar (M), Medchal (Dist.)

### CERTIFICATE

This is certify the project entitle "DESIGN AND STRESS ANALYSIS OF SUSPENSION SYSTEM" Is being submitted by ROHITH KENDRE (15U11A0322), GANDAM VIJAY KUMAR (15U11A0347), MARUPAKA GANESH (15U11A0328), VADICHERLA SAI KUMAR (15U11A0338)

In partial fulfilment for the award of Technology in Mechanical Engineering to the JNTU, HYDERABAD. This record is a bonafide work carried out by him under My guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Intern DuizelvEnature

Mr S. NARESH

Asst. Professor

Dept. of MECH.

signature of the Heathof Dept.

Mr VIJAYKUMAR

Asst. prof. &HOD

Dept. of MECH.

External Examiner

Principal
Samskruti College of Engg. & Technolog
Kondapur (V), Ghetheser (M), R.R. Die

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR [V], GHATKESAR [M], MALKAJGIRI [Dist]. (AFFILIATED TO JNTU, Hyderabad)



### DECLARATION BY THE CANDIDATE

We, MOHAMMED SALMAN (15U11A0351), B.SAI RAM (15U11A0345), K.HARISH GUPTHA (15U11A0324), T.VENU GOPAL (15U11A0354). hereby declare that the project report "ROAD SIDE DUST COLLECTOR" under the guidance of Mr. GOPI CHAND BOOSA, Asst.Professor, Department of Mechanical Engineering, Samskruti College of Engineering and Technology, Kondapur, is submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering.

This is a record of confide work carried out by me and the results embodied in this project have not been reproduced or copied from any source. The results embodied in this have not been submitted to any other University or Institute for the award of any Degree or Diploma.

MOHAMMED SALMAN (15U11A0351)

B.SAI RAM (15U11A0345)

K.HARISH GUPTA (15U11A0324)

T.VENU GOPAL (15U11A0354)

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetkeser (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING

## SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Dalhi, Affiliated to INTU HYDERABAD) Kondapur (V), Ghatkesar (M), Medéhal (Dist.)



#### **DECLARATION BY THE CANDIDATE**

We, ROHITH KENDRE (15U11A0322), GANDAM VIJAY KUMAR (15U11A0347), MARUPAKA GANESH (15U11A0328), VADICHERLA SAI KUMAR (15U11A0338) Hereby declare that project report title "DESIGN AND STRESS ANALYSIS OF SUSPENSION SYSTEM" is submitted in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in Mechanical Engineering,

This is a record of bonafide work carried out by us and the results embodied in this project have not been reproduced or copied from any sources. The result embodied in this thesis have not been submitted to any other University or institute for the of any Degree or Diploma.

G. vijoy kumar -

K. Ronith -M. Ganesh -

V. Sai kumar -

Principal Samskruti College of Engg. & Technolog Kondapur (V), Ghatkesar (M), R.R. Dist

### DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Jawaharlal Nehru Technological University, Hyderabad) Kondapur (V), Ghatkesar (M), RR Dist, Hyderabad 501301

2018-2019



### Cortificate

This is to certify that this project report entitled "AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER CAPABILITY AND THERMAL PERFORMANCE OF CLOSED LOOP PULSATING HEAT PIPE" by

(15U11A0304) B. PRASHANTH REDDY

K. DINESH

(15U11A0320)

N. VENKAT REDDY

(15U11A0333)

T. SAI KUMAR

(15U11A0336)

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Technology in Mechanical Engineering in SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to Jawaharlal Nehru Technological University, Hyderabad), is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

External Examinor

Head of the Department

Mr. A.V. Praveen M. Tech

Mr. K. Vijay Kumar M Tech.

Professor & HOD

Asst. Professor

Principal

Samskruti College of Engg. & Technolog-Kondapur (V), Ghatkesar (M), R.R. Dist

### DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR [V], GHATKESAR [M], MALKAJGIRI [Dist.] (AFFILIATED TO JNTU, Hyderabad)



### **CERTIFICATE**

This is to certify that the project report entitled "ATMOSPHERIC WATER GENERATOR" is a main project work done under our supervision and is being submitted by CH.PARAMESHWAR (15U11A0309), CH.PPRAVEEN (15U11A0310), Y. KURMA RAO (15U11A0342), Y.NAVEEN KUMAR

(15U11A0343).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Hyderabad change the academic year 2018-2019.

GOPI Od Guide's signature:

Signature of the Head of the Dept:

Mr. GOPI CHAND BOOSA

KUMAR

M.Tech

Date:

Dept Of MECH.

Place: Kondapur

External Examiner

Mr. K. VIJAY

M. TECH (PhD) Head of the Dept. Dept Of MECH.

Principal

Samskruti College of Engg. & Technolo, Kondapur (V), Ghatkesar (M), R.R. Dist

### DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC) Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)



### CERTIFICATE

This is certify the project entitled "EXPERIMENTAL INVESIGATION OF MECHANICHAL PROPERTIES ON SS410 IN EDM DRILLING WITH VARIOUS PARAMETERS" Is being submitted by

A.NAGARAJU (15U11A0301)

B.ILESH (15U11A0307)

KAMOL (15U11A0319)

MANIPAL (15U11A0314)

In partial fulfillment for the award of Bachelor of Technology in Mechanical **ENGINEERING** COLLEGE OF SAMSKRUTI TECHNOLOGY, KONDAPUR. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal Guide's signature Mr. P.CHANDRA BHUSHANAM

Asst Professor Dept of MECH

Signature of the Head Of the Department.

VIJAYKU Mr.

Professor & HOP PERHAPAMECH

Mechanical Engineering Samskruthi College of Engg. & Tech Kandapur (V), Ghatkesar (M), R.R. (Blot.)

Principal

Samskruti College of Engg. & Technolog Kondapur (V), Ghatkeser (M), R.R. Dist

#### DEPARTMENT OFMECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD) Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)



This is certify the project entitled "DESIGN AND THERMAL ANALYSIS ON DTH DRILL BIT WITH DIVERSE MATERIALS" Is being submitted by

(15U11A0305) **B.SANTOSH** 

(16U15A0310) **M.SAIRAM** 

(16U15A0315) S.SAINADH REDDY

(16U15A0318) **K.VEDAVYAS** 

In partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering to the SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, KONDAPUR. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal Guide's signature

Mr.B. Venkatesh Asst.Professor

External examiner

Head of the Department.

Mr.K.VUAYKUMAR Professor&HOD

Principal Samskruti College of Engg. & Technole, Kondapur (V), Chatkesar (M), R.R. Dist

#### DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR [V], GHATKESAR [M], MALKAJGIRI [Dist.] (AFFILIATED TO JNTU, Hyderabad)



#### CERTIFICATE

This is to certify that the project report entitled "ROAD SIDE DUST COLLECTOR" is a main project work done under our supervision and is being submitted by MOHAMMED SALMAN (15U11A0351), B.SAI RAM (15U11A0345), K.HARISH GUPTHA (15U11A0324), T. VENU GOPAL (15U11A0354).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING OF SAMSKRUTI COLLEGE ENGINEERING. of TECHNOLOGY, Hyderabad during the academic year 2018-2019.

Gopi de

Guide's signature:

Signature of the Head of the Dept:

Mr. GOPI CHAND BOOSA

M.Tech Asst.Professor, Dept.Of MECH.

Place: Kondapur

Date:

Mr. K. VIJAY KUMAR

M.TECH, (PhD) Head of the Dept. Dept.Of MECH.

External Examiner:

Frincipal Samskruti College of Engg. & Technolog Kondapur (V), Ghatheser (M), R.R. Dist

DEPARTMENT OF MECHANICAL ENGINEERING
KONDAPUR [V], GHATKESAR [M], MEDCHAL [Dist.]
(AFFILIATED TO JNTU, Hyderabad)



#### CERTIFICATE

This is to certify that the project report entitled "EXP LORATION ANALYSIS OF ROCKET NOZZLE" is a main project work done under our supervision and is being submitted by K. RAVI (15U11A0321), N. SIIARATH CHANDRA (15U11A0331), U.RAVI TEJA (15U11A0337), G. SHASHIDHAR REDDY (15U11A0349).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Hyderabad during the academic year 2018-2019.

H

Guide's signature:

Mr. K. VIJAY KUMAR

B. Tech, M. Tech

Asst. Professor,

Dept. Of MECHANICAL

Place: Kondapur

Date:

Signature of the Head of the Dept.:

Mr. K. VIJAY KUMAR

M. TECH, (Ph.D.)

Head of the Dept.

Dept. Of MECHANICAL

Examiner:

Samskruti College of Engg. & Technolog.
Kondepur (V), Ghatkesar (M), R.R. Dist

# Department of Mechanical Engineering SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to I.N.T.U-HYD, Approved by AICTE)
KONDAPUR (V), GHATKESAR (M), MEDCHAL (Dist), TELANGANA-501301.

(2015-2019)



### CERTIFICATE

This is to certify that Project report entitled "DESIGN AND DYNAMIC STRESS ANALYSIS ON CRANKSHAFT OF DIESEL ENGINE" is being submitted by B.LINGANNA(15U15A0303), R.SANDEEP KUMAR(15U15A0319), G.SHOBAN BABU (16U15A0321), MD. KADERUZZAMAN(14561A0328) in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in Dept requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in Dept of MECHANICAL. This Project is a bonafide work carried out by her/him under my guidance of MECHANICAL. The results embodied in this report have not been submitted to any other university for the award of under graduation.

120 315/17

INTERNAL GUIDE

Mr.Ramesh

Asst.professor

HEAD OF THE DEPARTMENT

Mr. K. VIJAY KUMAR

Professor & HOD

Principal

Samskruti College of Engg. & Technoic Kondapur (V), Ghethesar (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC)

Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)

#### **CERTIFICATE**

This is certify the project entitled "STATIC TESTING ON SOLID FUEL ROCKET ENGINE" Is being submitted by

D.KARTHIK

(15U11A0312)

D.BALA SHIVUDU

(15U11A0313)

K.ARAVIND BABU

(15U11A0318)

K.MUKESH KUMAR REDDY

(15U11A0326)

In partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering to the SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, KONDAPUR. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal Guide

(Mr. S.VEERENDRA PRASAD)

Head Of the Department, (Mr. K. VIJAYKUMAR)

Samskruti College of Engg. & Techno.
Kondapur (V), Ghathesar (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to J.N.T.U, HYDERABAD, Accredited by NAAC)
Kondapur (V), Ghatkesar (M), Medchal (Dist).

(2018-19)



#### **CERTIFICATE**

This is to certify the project entitled "PATIENT SPECIFIC 3D PRINTED ARM CAST" is being submitted by B.SUDHAKAR (15U11A0303), B.RAJGOPAL (15U11A0306), C.ARUN KUMAR (15U11A0311), M.KARNAKAR RAO (15U11A0327) in partial fulfillment for the award of Bachelor of Technology in Mechanical Engineering at SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Kondapur. This record is a bonafide work carried out by him under my guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Internal Guide (Mr.S.Vecrendra Prasad) Head Of therDepartment (Mr.K.Vijay Kumar)

M

External examiner

Principal

Samskruti College of Engg. & Technology Kondanur (V), Ghatkesar (M), R.R. Dist

#### DEPARTMENT OF MECHANICAL ENGINEERING

#### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Jawaharlal Nehru Technological University, Hyderabad) Kondapur (V), Ghatkesar (M), Medchal Malkajgiri Dist, Hyderabad 501301

2018-2019



#### Certificate

This is to certify that this project report entitled "Pick and place robotic" by submitted in partial fulfillment of the requirements for the degree of bachelor of Technology in mechanical engineering in SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY(Affiliated to Jawaharlal Nehru Technological University, Hyderabad), is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

External Examiner

V.BHASKAR

K.NISHITH KUMAR

CH.RANJITH KUMAR GOUD

Mr. Dharmasoth Naveen

Asst. Professor

Internal Guide

16U15A0317

16U15A0308

16U15A0303

Head of the Department

Mr. K. Vijay Kumar

Professor & HOD

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetkeser (M), R.R. Dist

#### DEPARTMENT OF MECHANICAL ENGINEERING

#### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Jawaharial Nehru Technological University, Hyderabad) Kondapur (V), Ghatkesar (M), RR Dist, Hyderabad 501301

2018-2019



#### Certificate

This is to certify that this project report entitled "AN EXPERIMENTAL ANALYSIS OF BIO DIESEL ON FOUR STROKE C.I ENGINE" by

J.MENU MITTU

[15U11A0317],

MOHAMMED AFROZ [15U11A0329],

D.ANIL KUMAR

[16U15A0301],

D.VENKATESH GOUD [16U15A0304].

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Technology in Mechanical Engineering in SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to Jawaharlal Nehru Technological University, Hyderabad), is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma.

<del>-.</del>Guidė

External Examinor

Head of the Department

Mr. K.VIJAY KUMAR M.Tech

Mr. K. Vijay Kumar M.Tech,

Asst. Professor

Asst Professor & HOD

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

#### DEPARMENT OF MECHANICAL ENGINEERING

#### SAMSKRUTI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTU HYDERABAD)

Kondapur (V), Ghatkesar (M), Medchal (Dist.)

(2015-19)

#### CERTIFICATE

This is certify the project entitle "DESIGN AND STRESS ANALYSIS OF IC ENGINE CAMSHAFT" Is being submitted by

INAMUL HOQUE (15U11A0350), PRADEEP KUMAR CHAURASIA (15U11A0357),

MANOJ KUMAR RAM (15U11A0358), RAJESH MAHATO (15U11A0361)

In partial fulfilment for the award of Technology in Mechanical Engineering to

the JNTU, HYDERABAD. This record is a bonafide work carried out by him under

My guidance and supervision. The result embodied in this project report has not been submitted to any other university or institute for the award of any degree or diploma.

Mr S. NARESH

Asst. Professor

Dept.ofMECH.

signature of their

Mr K. VIJAYKUMAR

Asst. prof. &HOD

Dept. of MECH.

External Examiner

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetheser (M), R.R. Dist

# DEPARTMENT OF MECHANICAL ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR [V], GHATKESAR [M], MEDCHAL [Dist.] (AFFILIATED TO JNTU, Hyderabad)



#### **CERTIFICATE**

This is to certify that the project report entitled "SMART HELMET" is a main project work done under our supervision and is being submitted by G.SAMPATH (15U1A0315), D.NAGSOMNATH (15U11A0346), T.PRATISH (16U15A0316), V.LOKESH (16U15A0319).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Hyderabad during the academic year 2018-2019.

Guide's signature:

Mr. K.VIJAY KUMAR

M.Tech (Ph.,D)

Ass.Professor

Place: Kondapur

Date:

Signature of the Head of the Dept

Mr. K. VIJAY KUMAR

M.Tech(Ph.,D)

External Examiner:

Principal
Samskrati College of Engg. & Technology
Kondapur (V), Ghatheser (M), R.R. Dist

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DEPARTMENT OF MECHANICAL ENGINEERING
KONDAPUR [V], GHATKESAR [M], MEDCHAL [Dist.]
(AFFILIATED TO JNTU, Hydernbad)



#### CERTIFICATE

This is to certify that the project report entitled "EXP\*LORATION ANALYSIS OF ROCKET NOZZLE" is a main project work done under our supervision and is being submitted by K. RAVI (15U11A0321), N. SHARATH CHANDRA (15U11A0331), U.RAVI TEJA (15U11A0337), G. SHASHIDHAR REDDY (15U11A0349).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of MECHANICAL ENGINEERING, of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY, Hyderabad during the academic year 2018-2019.

Guide's signature:

Mr. K. VIJAY KUMAR

B. Tech, M. Tech

Asst. Professor,

Dept. Of MECHANICAL

Place: Kondapur

Date:

Signature of the Head of the Dept.:

Mr. K, VIJAY KUMAR

M. TECH, (Ph.D.)

Head of the Dept.

Dept. Of MECHANICAL

Examiner:

Principal

Samskruti College of Engg. & Technolog\
Kondapur (V), Ghatkesar (M), R.R. Disk

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#### DEPARTMENT OF MECHANICAL ENGINEERING

#### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Jawaharial Nehru Technological University, Hyderabad) Kondapur (V), Ghatkesar (M), RR Dist, Hyderabad 501301

2018-2019



#### Certificate

This is to certify that this project report entitled "AN EXPERIMENTAL ANALYSIS OF BIO DIESEL ON FOUR STROKE C.I ENGINE " by

J.MENU MITTU

[15U11A0317],

MOHAMMED AFROZ [15U11A0329],

D.ANIL KUMAR

[16U15A0301],

D.VENKATESH GOUD [16U15A0304].

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Technology in Mechanical Engineering in SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to Jawaharlal Nehru Technological University, Hyderabad), is a bonafide record of work carried out under our guidance and supervision. The results embodied in this report have not been submitted to any other University or Institution for the award of any degree or diploma. Head of the Department

External Examinor

Mr. K.VIJAY KUMAR M.Tech

Mr. K. Vijay Kumar M.Tech,

Asst Professor & HOD

Asst. Professor

Principal Samskruti College of Engg. & Technology Kondapur (V), Ghetkeser (M), R.R. Dist

Scanned with CamScanner

SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved By AICTE, New Delhi Affiliated to J N T II Hyderabad) Kondapur (V), Ghatkesai (M), Medchal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



### CERTIFICATE

This is to certify that the mini project report entitled "WAR FIELD SPYING ROBOT WITH LIVE MONITORING ON WEB AND MOBILE " is being submitted by M.SANDEEP REDDY(15U11A0439), K.KIRAN KUMAR (15U11A0469), J.MOULI SAI (16U15A0406) SHAIK. BABA(15U15A0431), in partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report Die not been submitted to any other university for the award of any degree.

UNDER GUIDANCE

HEAD OF DEPARTMENT

Mr. MOHAMMED MUSTHAQ ALI MUBEEN Dr.D.R.V. A SHARATH KUMAR

Assistant Professor

Professor

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved By AICTE, New Delhi Affiliated to J.N.T.U Hyderabad) Kondapur (V), Ghatkesar (M), Medchal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



CERTIFICATE

This is to certify that the major project report entitled "ADVANCED SECURITY SYSTEM WITH INTRUDER IMAGE CAPTURE AND FORWORD THROUGH E-MAIL" is being submitted by K.GANGAJUMUNA (15U11A0424), K.SIRISHA (15U11A0426), (15U11A0449), S.BHARGAVI (15U11A0455), in partial fulfilment of the R.SRAVANI REDDY requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

UNDER GUIDANCE

M.Tech.

Assistant Professor

HEAD OF DEPARTMENT

Dr. D.R.V.A.SHARATH KUMAR

B.È,M.E,Ph.D.

Professor

Samskrutt College of Engg. & Technology Kondapur (V), Ghatleser (M), R.R. Dist

(Approved By AICTF, New Delhi Affiliated to J.N.T 1/ Hyderabad) Kondapur (V). Ghatkesar (M). Medehal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



### CERTIFICATE

This is to certify that the major project report entitled "FINERPRINT DOOR LOCK SYSTEM" is being submitted by CH. NIKHIL(15U11A0409). M.AKHIL (15U11A0440), A. NARESH (15U11A0401), M. MAHESH (15U11A0440) in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report nave not been submitted to any other university for the award of any degree.

ER GUIDANCE

r. P. ASHOK KUMAR

.Tech., (Ph.D.)

sistant Professor

HEAD OF DEPARTMENT

Dr. D.R./v.A SHARATH KUMAR

B.E, M.E, Ph.D.

HOD & Professor

EXAMINER

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetheser (M), R.R. Dist

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved By AICTE, New Delhi Affiliated to J.N.T.U Hyderabad)

Kondapur (V), Ghatkesar (M), Medchal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



# CERTIFICATE

This is to certify that the major project report entitled "VOICE CONTROLLED ROBOT USING CELL PHONE WITH ANDROID APP" is being submitted by G.LALITHA RANI (15U11A0416), T. LAXMI TEJASWI (15U11A0460), Y. SUCHARITHA (15U11A0465), in partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any

1r.B. KISHORE BABU

[.Tech,(Ph.D.)

isociate Professor

Dr.D.R.V.A. SHARATH KUMAR

B.E,M.E,Ph.D.

Professor

Samskruti College of Engg. & Technology Kondapur (V), Ghetkeser (M), R.R. Dist



### Samskruti college of Engg. & Technology

Approved by AICTE, New Delhi & Affiliated to Jawaharlal Nehru Technological University, Hyderabad.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

#### **CERTIFICATE**

This is to certify that Major Project Work entitled "ACCIDENT IDENTIFICATION USING GPS AND GSM" is a benefited work of S.SANDHYARANI (15U11A0456), G.HARIKA (16U15A0403), and M.ANUSHA (15U11A0433) submitted in partial fulfillment for the award of Bachelor of Technology in Electronics and Communication Engineering in Samskruti College of Engineering And Technology affiliated to JNTU University, Hyderabad.

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

Guide

Mrs.S.B.DIVYA

Asst. professor, ECE Dept.

M.Tech.

Head of the Department

Dr.D.R.V.A.SHARATH KUMAR

Professor and HOD, ECE Dept.

B.E, M.E, Ph.D.

EXTERNAL EXAMINER

Principal
Samskrati College of Engg. & Technology
Kondapur (V), Chatheser (M), R.R. Dist

(Affiliated to JNTU-HYD, Approved by AICTE) KONDAPUR, GHATKESAR, MEDCHAL Dist, AP-501301 (2018-2019)



#### CERTIFICATE

This is to certify that the project report entitled "DESIGNING OF ADVANCED STUDENT ATTEDANCE MOINTORING SYSYEM USING FINGERPRINT AND GSM is being submitted by J.VATHSALYA REDDY(15U11A0421), K.SRUTHI REDDY (15U11A0425), G.MAMATHA (15U11A0418), in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

INTERNAL EXAMINER

Mr. V.SANDEEEP KUMAR, M.Tech., (Ph.D.). Assistant Professor

HEAD OF DEPARTMENT

DEDRA A. SHARATH KUMAR B.E., M.E., Ph.D.

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

#### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved By AICTE, New Delhi Affiliated to J.N.T.U Hyderabad) Kondapur (V), Ghatkesar (M), Medchal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### CERTIFICATE

This is to certify that the project report entitled "VECHICLE OVER POLUTION IDENTIFICATION TO TRAFFIC CONTROLE ROOM THROUGH GSM" is being submitted J.ANUSHA (15U11A0420), S.SRAVANI (15U11A0458), C. KAMESHARI (16U15A0402), In partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

HEAD OF DEPARTMENT

Ms .K. LAKSHMI SUMANJALI

M.Tech

Assistant Professor

Dr.D.R/V.A

B.E,M.E, Ph.D

**Professor** 

VAIVEXAMINER

Principal Samskruti College of Engg. & Technology

Kondapur (V), Ghatkesar (M), R.R. Dist

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Department of Electronics & Communication Engineering



#### CERTIFICATE

This is to certify that the major project report entitled "BLUETOOTH BASED METAL DETECTION ROBOT" is being submitted by K. JAYASURYA (15U11A0429), B. VINAY (15U11A0405), K. ARAVIND (15U11A0428), K. SAI KUMAR (16U15A0405) in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

Summah UNDER GUIDANCE

HEAD OF DEPARTMENT

Mrs. G.VIJAYALAKSHMI M.Tech., Assistant Professor Dr. D.R.V.A SHARATH KUMAR
B.E, M.E, Ph.D.
HOD & Professor

EXTERNAL EXAMINER

Principal
Samskruti College of Engg. & Technology
Kondapur (V), Ghatheser (M), R.R. Dist

(Approved By AICTE, New Delhi Affiliated to EN.T.U Hyderabad) Kondapur (V), Ghatkesar (M), Medchal (District), Hyderabad - 501201

Department of Electronics & Communication Engineering



#### **CERTIFICATE**

This is to certify that the major project report entitled "SATELLITE IMAGE ENHANCEMENT" is being submitted by S. RAM PRASAD (15U11A0471), K. KARUNAKAR (15U11A0427), R.VENKAT REDDY (15U11A0451). M.SAI SUDHEER (16U15A0407), in partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

UNDER GUIDANCE

Mrs. Y. JALAJAKSHI M. Tech., (Ph.D.)

Assistant Professor

HEAD OF DEPARTMENT

Dr. D.R.V.A. SHARATH KUMAR

B.E, M.E, Ph.D.

Professor

EXTERNAL EXAMINER

Principal

Samskruti College of Engg. & Technology Kondapur (V), Ghetheser (M), R.R. Dist

(Approved By AICTE, New Delhi Affiliated to J.N.T.U Hyderabad) Kondapur (V), Ghatkesar (M), Medehal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### CERTIFICATE

This is to certify that the major project report entitled "AUTOMOBILE THEFT IDENTIFICATION USING GPS AND GSM" is being submitted by M.SAI SHIVA(15U11A0470), J.GANGA RAJU (15U11A0422),N.RAKESH (15U11A0442), D.MILIND(15U11A0415), in partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a Obonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

UNDER-GUIDANCE

Mrs.T.MRINALINI CHARAN

Assistant Professor

HEAD OF DEPARTMENT

Dr. D.R.V.A. SHARATH KUMAR

B.E., M.E., Ph.D.

Professor

Samskruti College of Engg. & Technology

Kondapur (V), Ghetheser (M), R.R. Dist

(Approved By AlCTI New Delhi Affiliated to 154 14 Hyusashaid) Kondapui (V), Ghutkesar (M), Medehal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### **CERTIFICATE**

This is to certify that the Major Project entitled "SMART HOME AUTOMATION" Submitted by S.Sri Vidya(15U11A0453), V.Manidhar Simha(15U11A0461). Ch.Prashanthi(15U11A0467) towards partial fulfillment for the award of Bachelors Degree in Electronics & Communication Engineering from Samskruti college of Engineering & Technology, Ghatkesar, Hyderabad, is a record of bonafide work done by him/ her. The results embodied in the work are not submitted to any other University or Institute for award of any degree or diploma.

**Project Coordinator** 

Mr.Musthaq Ali Mubeen

Asst. Professor ,ECE.

Dr.D.R.V.A.Sharath Kumar,

HOD & Professor.

B.E. M.E &Ph.D.

External/Examiner

ij

Principal
Samskruti College of Engg. & Technolog:
Kondapur (V), Ghetkeser (M), R.R. Dist

(Approved By AICTE, New Delhi Affiliated to J.N.T. (Hyderabad) Kondapur (V), Ghatkesar (M), Medelial (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### CERTIFICATE

This is to certify that the major project report entitled "PICK AND PLACE ROBOTIC ARMCONTROLLER USING ANDROID" is being submitted by P.SHRUTHI (15U11A0445), A.RACHANA (15U11A0402), R.RACHANA (15U11A0450), M.PRANUSHA (15U11A0434), in partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

UNDER GUIDANCE

Dr. D.R.V.A. SHARATH KUMAR

B.E, M.E. Ph.D.

PROFESSOR

HEAD OF DEPARTMENT

Dr. D.R.V.A. SHARATH KUMAR

B.E, M.E, Ph.O.

PROFESSOR

EXTERNAL EXAMINER

Samskruti College of Engg. & Technolog. Kondapur (V), Ghathesar (M), R.R. Dist

#### SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Approved By AICTE, New Delhi Affiliated to J.N.T.U Hyderabad) Kondapur (V), Ghatkesar (M), Medehal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### CERTIFICATE

This is to certify that the major project report entitled "AN ADVANCE ATM CRIME PREVENTION USING NODEMCU" is being submitted by S.UDAY KUMAR(15U11A0472),CH.SAIKUMAR(15U11A0446),Y.RAMYA (15U11A0464), M.UMA(15U11A0441), in partial fulfilment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The esults embodied in this report have not been submitted to any other university for the award of any degree.

UNDER GUIDANCE

Mr. P. ASHOK KUMAR M. Tech. (Ph.D.)

**Assistant Professor** 

HEAD OF DEPARTMENT

B.E., M.E., Ph.D.

HOD & Professor

MAMINER

Samskruti College of Engg. & Technology Kondapur (V), Ghathesar (M), R.R. Dist

(Approved By AICTE, New Delhi Affiliated to J.N.3.1) Hyderabad) Kondapur (V), Chatkesat (M), Medchal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### **CERTIFICATE**

This is to certify that the major project report entitled "GESTURE CONTROLLED ROBOT" is being submitted by CH. PAVAN KUMAR (15U11A0407), M. DIVYA (15U11A0431), M. SHRAVYA (15U11A0432). V. SINDHU REDDY (15U11A0453) in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

**UNDER GUIDANCE** 

Mr. P. ASHOK KUMAR M. Tech., (Ph.D.)

Assistant Professor

HEAD OF DEPARTMENT

Dr. D.R.V.A SHARATH KUMAR

B.E, M.E, Ph.D.

**HOD & Professor** 

ERNAL EXAMINER

ij

Samskruti College of Engg. & Technology Kondapur (V), Ghethesar (M), R.R. Dist

(Approved By AICTE, New Delhi Affiliated to J.N.T.U Hyderabad) Kondapur (V), Ghatkesar (M), Medehal (District), Hyderabad - 501301

Department of Electronics & Communication Engineering



#### CERTIFICATE

This is to certify that the Major project report entitled "BORDER SURVEILLANCE SECURITY SYSTEM" is being submitted by B.BHAVANI PRIYA (15U11A0406) D.SHIVA SAI (15U11A0411) J.SOWMYA (15U11A0423) B.GANERSH (16U15A0401) in partial fulfilment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by her under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

INTERNAL GUIDE

Mrs.K.DEEPA

M.Tech

Assistant Professor

HEAD OF DEPARTMENT

Dr.D.R.V.A SHARATH KUMAR

B.E,M.E,Ph.D.

Professor

EXTERNALLEXAMINER

Principal
Samskruti College of Engg. & Technology
Kondapur (V), Ghathesar (M), R.R. Dist

(Approved By AICTE & Affiliated to J.N.T.U Hyderabad)
Kondapur (V), Ghatkesar (M), Medchal (Dist), Hyderabad – 501301.

Department of Electronics and Communication Engineering

2015-18

18-19



#### **CERTIFICATE**

This is to certify that the major project report entitled "TV REMOTE CONTROLLED DOSMATIC APPLIANCES CONTROL" is being submitted by CH.CHINMAI (15U15A0406), S.MOUNIKA (15U15A0434), D.KAMINI (15U15A0408) in partial fulfillment of the requirements for the award of Bachelor Of Technology to JNTU Hyderabad in Electronics And Communication Engineering. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

2222B

INTERNAL GOIDE

Mrs. Y.JALAJAKSHI

Asst.Professor

HEAD OF DEPARTMENT

DR.MANJULA.S professor

Principal

Samskrati College of Engg. & Technology Kondapur (V), Ghathesar (M), R.R. Dist

(Approved By AICTE & Affiliated to J.N.T.U Hyderabad)
Kondapur (V), Ghatkesar (M), Medchal (Dist), Hyderabad – 501301.

# Department of Electronics and Communication Engineering

2015-2018



#### Certificate

This is to certify that the major project report entitled "HIGH VOLTAGE DC UP TO 3KV FROM AC USING DIODES AND CAPACITORS IN LADDER" is being submitted by B.MAHESH (15U15A0404), M.VENU (15U15A0418), P.SRINIVAS (15U15A0425) and P.SUKUMAR (15U15A0427) in partial fulfillment of the requirements for the award of Bachelor Of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

UNDER GUIDANCE

Mrs.N.USHA RANI M.Jech

HEAD OF DEPARTMENT

Dr.Manjula.S

Professor

EXTERNAL EXAMINER

0.0000

Principal

Samskruti Coilege of Engg. & Technology Kondapur (V), Ghatkesar (M), R.R. Dist

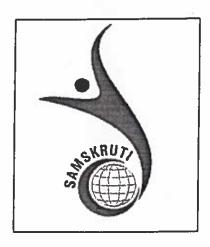
# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved By AICTE, New Delhi and Affiliated to J.N.T.U - HYDERABAD)

Kondapur (V), Ghatkesar (M), Medchal (Dist.), Telangana – 501 301.

(2015-2018)



#### **CERTIFICATE**

This is to certify that the project report entitled "CELL PHONE CONTROLLED ROBOTIC VEHICLE" is being submitted by K.SWAPNA (15U15A0415), P.SHIRISHA (15U15A0426), N.PADMA (15U15A0422) and J.DIVYA (15U15A0413) in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

INTERNAL GUIDE

12-0160:11

HEAD OF DEPARTMENT

rpr. P.ASHOK KUMAR(Ph.D)

P. Ashophery.

**Professor** 

Dr. S.Manjula Professor

**PRINCIPAL** 

**EXTERNAL EXAMINER** 

Principal
Samskrati College of Engg. & Technolog
Kondapur (V), Ghatkesar (M), R.R. Dist

(Approved by AICTE, New Delhi, Affiliated to JNTU, Hyderabad)
Kondapur (V), Ghatkesar (M), Medchal (Dist), 501301.

Department of Electronics and Communication Engineering



#### **CERTIFICATE**

This is to certify that the project report entitled AUTOMATIC IRRIGATION SYSTEM ON SENSING SOIL MOISTURE CONTENT is being submitted by SHAIK SIRAJ (15U15A0432), G. ESWARARAO (15U15A0439), V. SIVA KUMAR (15U15A0440) and E. MANOHAR (15U15A0410) in partial fulfillment of the requirements for the award of Bachelor of Technology in Electronics and Communication Engineering to Jawaharlal Nehru Technological University, Hyderabad in Electronics and Communication Engineering. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

INTERNAL GUIDE

Mrs. M.PAVANI M.Tech

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Dr. S. Manjula M.Tech, Ph.D

EXTERNAL EXAMINER

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Samskrati College of Engg. & Technolog
Kondapur (V), Ghatkesar (M), R.R. Dist

(Approved By AICTE & Affiliated to J.N.J.A Hyderabad) Kondapur (V), Ghatkesar (M), Medchal (Dist), Hyderabad - 501301.

Department of Electronics and Communication Engineering



#### Certificate

This is to certify that the technical major project report entitled "REMOTELY CONTROLLED ANDROID BASED ELECTRONIC NOTICE BOARD" is being submitted by CH.MALATHI (15U15A0407), T.NIKITHA (15U15A0424), K.APARNA (15U15A0414), G.RAJESHWARI (15U15A0412) in partial fulfillment of the requirements for the award of Bachelor of Technology to JNTU Hyderabad in ELECTRONICS AND COMMUNICATION ENGINEERING. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

Sumanjali' under guidance

HEAD OF THE DEPARTMENT

K.LAKSHMI SUMANJALI

Dr. MANJULA.S

Assistant professor

Professor

EXFERNAL EXAMINER

Principal
Samskrati College of Engg. & Technoic
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Department of Electronics and Communication Engineering 2015-18



#### CERTIFICATE

This is to certify that the major project report entitled "PRECISE KHOMETER CALCULATION BY UNDER GROUND CABLE FALLT DETECTOR" is being submitted by B.RAVINDER (15U15A0403), in partial fulfillment of the requirements for the award of Bachelor Of Technology to JNTU Hyderabad in Electronics And Communication Engineering. This record is a bonafide work carried out by me under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

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Mr.MD, MUSTHAQ ALI MUBEEN, M. Tech. (Ph.D)

Dr. S.MANJULA

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Department of Electronics and Communication Engineering
2015-18



#### **CERTIFICATE**

This is to certify that the major project report entitled "PRECISE KILOMETER CALCULATION BY UNDER GROUND CABLE FAULT DETECTOR" is being submitted by B.RAVINDER (15U15A0403), M.MATSYAGIRI (15U15A0417), M.RAHUL (15U15A0420), D.MURALI KRISHNA (15U15A0437), in partial fulfillment of the requirements for the award of Bachelor Of Technology to JNTU Hyderabad in Electronics And Communication Engineering. This record is a bonafide work carried out by them under my guidance and supervision. The results embodied in this report have not been submitted to any other university for the award of any degree.

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CERNAL EXAMINER

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

KONDAPUR (V), GHATKESAR (M), MEDCHAL Dist.

(Affiliated To JNTUH, Telangana)



### **CERTIFICATE**

This is to certify that the dissertation entitled "ELIMINATING DUPLICATION OF DATA IN SECURE DISTRIBUTED SYSTEM'S WITH RELIABILITY" Being submitted by G. V.ANDANA(15U11A0510), E.NIHARIKA (15U11A0508), R.KAUSHIK (15U11A0550), A.KALYAN (15U11A0501), P.MOUNIKA (13U11A0519) in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering to The Jawaharlal Nehru Technology University Hyderabad is a record of confined work carried out by them under my guidance and supervision.

Internal Examiner

Mr.SYED AZAHAD

M. Tech

Asst. Professor

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Examiner:

Place: Kondapur

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KONDAPUR, GHATKESAR MEDCHAL Dist. (AFFILIATED TO JNTU, Hyderabad) 2015-2019



#### **CERTIFICATE**

This is to certify that the dissertation entitled "EFFICIENT SEARCH SCHEME OVER ENCRYPTD DATA ON MOBILE CLOUD" being submitted by Y.PRANAY (15U11A0531), K.SANDHYA (15U11A0518), G.SAIKUMAR(15U11A0511), K.ADITHYA(15U11A0530) in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technology University is a record of confined work carried out by them under my guidance and supervision.

Guide signature

Mrs P DUYA

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Ms. G. RADHA DEVI

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Samskrati College of Engg. & Technolo
Kondapur (V), Ghatkesar (M), R.R. Disz

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

#### KONDAPUR, GHATKESAR, MEDCHAL Dist. (AFFILIATED TO INTU, Hyderabad) 2015-2019



## **CERTIFICATE**

This is to certify that the dissertation entitled "Automatic and Real-Time Detection and Mitigation System" being submitted by THUPAKULLA BHAVANI SHANKER (15U11A0529), THAKUR VISHAL SINGH(15U11A0527), KALASTRI SUPRIYA (15U11A0542), ROJA SETHY (15U11A0546)in partial fulfillment for the award of Bachelor of Technology inComputer Science and Engineering to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD is a record of confined work carried out by them under my guidance and supervision.

Mr. RAMASUBRAMANIAN

M. Tech

Asst Professor

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(Affiliated To JNTUH, Telangana)



## **CERTIFICATE**

This is to certify that the dissertation entitled "FOCUS: FORUM CRAWLER UNDER SUPERVISION" Being submitted by ANSHU JHA (15U11A0535), K.PRAVEEN KISHORE (16U15A0502), K.SRIKANTH (15U11A0541), BATTU MAHESH (15U11A0503) in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering to The Jawaharlal Nehru Technology University Hyderabad is a record of confined work carried out by them under my guidance and supervision.

Internal Examiner

Mr.P.SATYANARAYANA

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#### CERTIFICATE

This is to certify that the project report entitled "DETECTING MALICIOUS FACEBOOK APPLICATIONS" is a major project work done under our supervision and is being submitted by T.RUSHMA(15U11A0528),S.SRAVANI(15U11A0547),R.KIRANKUMAR (15U11A0545).

P.SAI ROHAN(15U11A0522).in partial fulfillment for the award of the Degree of BACHELOR OF TECHNOLOGY in Department of COMPUTER SCIENCE AND TECHNOLOGY of SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY. Hyderabad during the academic year 2015-2019.

Guide's signature:

Mr. M. RAGHAVENDRA RAO.

B.Tech, M.Tech Asst.Professor, Dept.Of CSE

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M Tech Head Of the Dept., Dept Of CSE

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KONDAPUR, GHATKESAR, Medchal Dist. (AFFILIATED TO JNTU, Hyderabad)



#### **CERTIFICATE**

This is to certify that the project work entitled "E-VOTING SYSTEM" being submitted K.LALITHA PRASANNA (16U15A0503), MD. RASHEED (16U15A0504), M.DEEPIKA (16U15A0505), in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technology University is a record of confined work carried out by him under my guidance and supervision.

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KONDAPUR, GHATKESAR MEDCHAL Dist. (AFFILIATED TO JNTU, Hyderabad) 2015-2019



### **CERTIFICATE**

This is to certify that the dissertation entitled "VEHICLE NUMBER PLATE RECOGNITION AT TOLL GATE" (VNR) being submitted by MURUGANI. SAMYUKTHA (15U11A0544), INAVILLI. SRI NAGA SAI ANUSHA (15U11A0514), DUDIPALA. HARIKA (15U11A0537), in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD is a record of confined work carried out by them under my guidance and supervision.

Guide's signature

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# SAMSKRUTT COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING KONDAPUR, GHATKESAR, MEDCHAŁ Dist.

(AFFILIATED TO JNTU, Hyderabad)



#### CERTIFICATE

This is the certify that the project report entitled "DISTRIBUTED CONCURRENT AND

INDEPENDENT ACCESS TO ENCRYPTED CLOUD DATABASES" being submitted by CIRRA SANTHOSEI (15U11A0507), M.PRABHAVATHI (15U11A0520), BAJA SHYAM (15U11A0502),

P.SOWMYA SREE(15(111A0521) the following student in partial fulfillment of the requirements for the Award of degree of Bachelor of Technology in Computer Science and Engineering from

Jawaharlal Nehru Technological University Hyderabad is a record of bonafide work carried out during the

academic year 2015-2019

Guide's signature

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(Affiliated To JNTUH, Telangana)



## **CERTIFICATE**

This is to certify that the dissertation entitled "NUMBER PLATE DETECTION USING PYTHON AND OPENCY" Beingsubmitted by E.KARTHIK (15U11A0509), G.SHASHIDHAR (15U11A0513), Y.SHIVAPRASAD (15U11A0530), in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering to The Jawaharlal Nehru Technology University Hyderabad is a record of confined work carried out by them under my guidance and supervision.

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Head of the Bept

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

KONDAPUR, GHATKESAR MEDCHAL Dist. (AFFILIATED TO JNTU, Hyderabad)
2015-2019



### **CERTIFICATE**

This is to certify that the dissertation entitled "Medical Advance Management System" being submitted by SAMREEN BEGUM (15U11A0525), JOGU BHAVANI (15U11A0516) in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technology University is a record of confined work carried out by them under my guidance and supervision.

Guide Signature

Ms. G. RADHA DEVI

M. Tech

Assistant Professor

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Signature of the Head of the Dept.

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR, GHATKESAR MEDCHAL Dist. (AFFILIATED TO JNTU, Hyderabad)



## <u>CERTIFICATE</u>

This is the certify that the dissertation entitled EFFICIENT TWO SERVER being submitted by M.MANIDEEP YADAV (15U11A0519), BISHAL SHAIKH (15U11A0536), JAYA CHANDRA (15U11A0512), AJITH REDDY (15U11A0526) in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technology University is a record of confined work carried out by him under my guidance and supervision.

Guide's signature

Mr. K. VAMSHEE KRISHNA

M. Tech

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Ms. G. RADHA DEVI

M. Tech, Assistant Professor

HOD

Dept. of CSE

Place: Kondapur

Date: 02 05 19

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Samskrutt College of Engg. & Technolic Kondapur (V), Ghathesar (M), R.R. Disc

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY KONDAPUR, GHATKESAR, MEDCHAL Dist

(AFFILIATED TO JNTU, HYDEABAD)

2018-2019



#### CERTIFICATE

This is the certify that the dissertation entitled "Improved Privacy-Preserving P2P Multimedia Distribution Based On Recombined Fingerprints" being submitted by J.VANDANA (15U11A0515), R.VANDANA(15U11A0523), CH.MANASA(15U11A0506) in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering to the JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY is a record of confined work carried out by him under my guidance and supervision.

Guide's Signature

MS J.PRIYA

Professor

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SMSK ,Hyderabad

Place: Kondapur

Date: 25/2019

Signature of the Head of the Dept

MS.G.RADHADEVI

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Examiner Date:

Principal

Samskruti College of Engg. & Technoic, Kondapur (V), Ghattesar (M), R.R. Dist SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

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KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District)TS.

(2017-2019)



#### DEPARTMENT OF BUSINESS ADMINISTRATION

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This is to certify that KARIPE SANTHOSHINI, H.T NO: 17U11E0020hassatisfactorily completed the project entitled "A STUDY ON MUTUAL FUNDS AT MOTILAL OSWAL" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

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Semskruti College of Engineering and Technology

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# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated To JNTU, Hyderabad) KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District)TS. (2017-2019)



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This is to certify YASADI SHRUTHI, H.T NO: 17U11E0058 has satisfactorily completed the project entitled "A PROJECT REPORT ON IMPACT OF WORKING ENVIRONMENT ON EMPLOYEE SATISFACTION WITH REFERENCE TO NETWORTH" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Type Gold of Centre 10 17-2019.

Master of Business Administration

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Head of the Department

Sandfront place of Foringering and Tach .

Principal

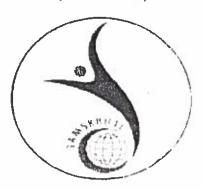
EXTERNAL EXAMINER

Samskrati College of Engg. & Technolog Kondapur (V), Ghetheser (M), R.R. Disi

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated To JNTU, Hyderabad)

KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District) TS.

(2017-2019)



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#### Certificate

This is to certify DOPPA NANDINI, H.T NO: 17U11F-0009 has satisfactorily completed the project entitled "A STUDY ON RISK RETURN ANALYSIS OF METAL INDUSTRIES WITH REFERENCE TO MONARCH NETWORTH CAPITAL LIMITED" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Internal Guide

EXTERNAL EXAMINER

Head of the Department

Principal

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Samskruti College of Engg. & Technoi Kondapur (V), Ghetkesar (M), R.R. Dis-

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#### DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify BHARGAVI BALLEM. UT NO: 17UHE0017 has satisfactorily completed the project entitled "A STUDY ON WORKERS FATIGUE AT RELIANCE COMMUNICATIONS" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

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EXTERNAL EXAMINER

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Samskruti College of Engg. & Technolog Kondapur (V), Ghatkesar (M), R.R. Dist SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

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KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District) TS.

(2017-2019)



## DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify JANIGALA INDU, H.T NO: 17U11E0016 has satisfactorily completed the project entitled "A STUDY ON PORTFOLIO MANAGEMENT & INVESTMENT DECISION AT RAMKY INFRASTRUCTURE LIMITED" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Interna Guide

EXTERNAL EXAMINER

Head of the Department

Principal

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Principal
Samskruti College of Engg. & Technological
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(2017-2019)



#### DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify BURUGULA KARUNAKAR, H.T NO: 17U11E0003 has satisfactorily completed the project entitled "A STUDY ON MERGERS AND ACQUITIONS AT INVEST LEAF MANAGEMENT SOLUTIONS" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Interval Guide

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Samskruthi College of Engg. & Technology
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Principal
Samskruti College of Engg. & Technolog,
Kondapur (V), Ghetheser (M), R.R. Dist

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated To JNTU, Hyderabad)

KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District)TS.

(2017-2019)



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#### Certificate

This is to certify that KASALA SRAVANI,H.T NO: 17U11E0021hassatisfactorily completed the project entitled "A STUDY ON GST IMPLEMENTAIONTATION ON SMALL FIRMS WITH REFERENCE TO INDIA INFO LINE" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017 of Business the Property of Business of Business

Internal Guide

Principal

Samskruti College of Engineering and Technology Head of the Department

Principal

Samskruthi College of Engg. & Technology

Kondapur(V), Ghatkesar(耐), Modelal (D),

Samskrut College of Engg. & Technolog Kondaput (V), Chatteser (M), R.R. BIS-

Kondapur(V), Ghatkesar(M), R.R. Dist.



#### CERTIFICATE

This is to certify that the project entitled "RISK AND RETURN" is a bonafide Work done by 3.PRASHANTHI (Regd.No:17U11E0012) submitted in partial fulfillment of the requirements if the award for the degree of "MASTER OF BUSINESS ADMINISTRATION" during the scademic year 2017-19.

NTERNAL GUIDE

Mrs. NIROSHA

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HEAD OF THE DEPARTMENT

Dr.VIJAY KUMAR

HOD, Professor,

Dept.ofistal of the Department

SMSK Rondapur Samskruti Longe of Engineering and Technology

EXTERNAL EXAMINER

Principal
Samskratt College of Engg. & Technoir
Kondapur (V), Ghathesar (M), R.R. Dist

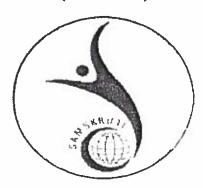
Principal

Samskruthi Collage of Engg. & Technology Kondapur(V), Ghetkeser(N), Medchal (D)

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated To JNTU, Hyderabad)

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#### DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify that T. PRASHANTHI, H.T NO: 17U11E0051 hassatisfactorily completed the project entitled "A STUDY ON TECHNICAL ANALYSIS USING RELATIVE STRENTH INDEXMETHOD – INDIA INFOLINE LTD" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Master of Business Administration

Internal Guide

Head of the Department

Principal

Samskruti Collegy of Engineering and Lechnology

EXTERNAL EXAMINED

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Samskruthi College of Engg. & Technology Kondapur(V), Ghatkosar(M), Medahal (D)

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#### DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify that VINAY KUMAR RAPOLU, H.T NO: 17U11E0048hassatisfactorily completed the project entitled "A PROJECT REPORT ON EFFECT OF DIVIDEND POLICY ON CORPORATE PROFITABILITY WITH REFERENCE TO ICICI BANK" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Internal Guide

Principal

EXTERNAL EXAMINER

Master of Busineys Administration Sumstruti College of Engineering and imposing

Head of the Department

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Samekruthi College of Engg. & Technology Kondoperto, Challe scriftly, Malichal (199)

Principal

Samskruti College of Engg. & Technolog Kondapur (V), Ghatkesar (M), R.R. Dist SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated To JNTU, Hyderabad)

KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District) TS.

(2017-2019)



## DEPARTMENT OF BUSINESS ADMINISTRATION

#### **Certificate**

This is to certify RACHA SHIVA NARAYANA, H.T NO: 17U11E0047 has satisfactorily completed the project entitled "A STUDY ON MARKETING MIX PRACTICES AT HERO MOTORCORP LIMITED" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Internal Guide

EXTERNAL EXAMINER

Head of the Department

Principal Principal

Samskruthi College of Engg. 8. Technology

Kendapar(V), Glatter (1), (1), (2), (2)

Principal

Samskruti College of Engg. & Technol Kondapur (V), Ghatkesar (M), R.R. Dis.

Kondapur(V), Ghatkesar(M), R.R. Dist.



#### **CERTIFICATE**

This is to certify that the project entitled "ANALYSIS OF FUTURE OPTIONS" is a bonafide Work done by N.ANITHA (Regd.No:17U11E0035) submitted in partial fulfillment of the requirements of the award for the degree of "MASTER OF BUSINESS ADMINISTRATION" luring the academic year 2017-19.

**Irs. NIROSHA** 

ssistant Professor.

ept of MBA,

MSK, Kondapur.

HEAD OF THE DEPARTMENT

Dr.VIJAY KUMAR

HOD, Professor,

Dept.of MBA,

SMSK, Kondapur Master of Business Administration Samewriti College of Engineering and Technology

EXAMINER

Samskruthi College of Engg. & Technology

Samskruti College of Engg. & Technol(endapurity) Ghallesar(M), Medchal (D) Kondapur (V), Ghatkesar (M), R.R. Dist

(Affiliated To JNTU, Hyderabad)

KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District) TS.

(2017-2019)



#### DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify K.ARUNA, H.T NO: 17U11E0017 has satisfactorily completed the project entitled "A STUDY ON DERIVATIVES (FUTURES AND OPTIONS WITH REFERENCE TO VENTURA SECURITIES LIMITED" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Internal Guide

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EXTERNAL EXAMINER

Head of the Department

Principal.,

Samskruthi Gollege of Engg. & Technology Kondepur(V), Chethosor(M), Monchet (E)

Principal

Samskruti College of Engg. & Technolo Kondapur (V), Ghatkesar (M), R.R. Disi

# SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated To JNTU, Hyderabad) KONDAPUR (V), GHATKESKAR (M), MEDCHEL (District)TS. (2017-2019)



## DEPARTMENT OF BUSINESS ADMINISTRATION

#### Certificate

This is to certify that AKULA SRIHITHA, H.T NO: 17U11E0001hassatis factorily completed the project entitled "A STUDY ON NEW INSURANCE POLICIES INTRODUCED IN HDFC LIFE" in partial fulfillment of the requirements for the award of degree of master of Business Administration prescribed by Jawaharlal Nehru Technological University Hyderabad for the year 2017-2019.

Internal Guide

EXTERNAL EXAMINER

Head of the Papartment

Master of Busines . Viviration
Sanstruti College of Engineering and Technology

Head of the Department

Principalat

Samskruthi College of Engg. & Technology Kondapur(V), Ghatkesar(N), Medchal (D)

Principal
Samskrutt College of Engg. & Technology
Kondapur (V), Ghatkesar (M), R.R. Dist

Kondapur(V), Ghatkesar(M), R.R.Dist.



#### CERTIFICATION

This is to certify that the Project Report title "PARAMETRIC ANALYSIS OF MUTUAL FUNDSAT SHAREKHAN LTD" submitted in partial fulfilment for the award of MBA Programme of Department of Business Management, SAMSKRUTHI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to JNTU) Hyderabad, was carried out by K.NAGARAJU under our guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

Mrs.MADHURI

(Internal Guide)

(ASST.PROFESSOR)

(External Guide)

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Kondapur(V), Ghatkesar(M), Medchal (D)

Principal

Samskruti College of Engg. & Technology

Kondapur(V), Ghatkesar(M), R. R. Dist.



#### CERTIFICATION

This is to certify that the Project Report title "COMPARATIVE INVESTMENT ANALYSIS OF MUTUAL FUNDSWITH REFERENCE AT HDFC MUTUAL FUNDS" submitted in partial fulfilment for the award of MBA Programme of Department of Business Management, SAMSKRUTHI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to JNTU) Hyderabad, was carried out by NR.SNEHA under our guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

Ms./Mr. Mashuri

(Internal Guide)

Ms./Mr. Gulakel

(External Guide)

Mrs.MADHURI

(ASST.PROFESSOR)

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Principal

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Kondapur(V), Ghatkesar(M), R. R. Dist.



#### CERTIFICATION

This is to certify that the Project Report title "RISK MANAGEMENT WITH REFERENCE AT ICICI PRUDENTIAL LIFE INSURANCE" submitted in partial fulfilment for the award of MBA Programme of Department of Business Management, SAMSKRUTHI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to JNTU) Hyderabad, was carried out by M.SWETHA PRIYANKA under our guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

Ms./Mr.\_

Mrs.MADHURI

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(ASST.PROFESSOR)

(External Guide)

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Samskruti College of Engg. & Technolos Kondapur (V), Ghatkesar (M), R.R. Dist

Kondapur(V), Ghatkesar(M), R.R. Dist.



#### **CERTIFICATION**

This is to certify that the Project Report title "WORKING CAPITAL MANAGEMENT AT SUJANA METAL PRODUCTS LTD" submitted in partial fulfilment for the award of MBA Programme of Department of Business Management, SAMSKRUTHI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to JNTU) Hyderabad, was carried out by M.SWAPNA under our guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

Ms./Mr. Malley,

Mrs.MADHURI

(Internal Guide)

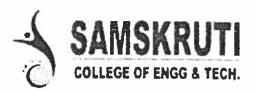
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Samskruti College of Engg. & Technol.
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Kondapur(V), Ghatkesar(M), R.R. Dist.



This is to certify that the Project Report title "CAPITAL MARKET REFERENCE TO KOTAK MAHINDRA" submitted in partial fulfilment for the award of MBA Programme of Department of Business Management, SAMSKRUTHI COLLEGE OF ENGINEERING AND TECHNOLOGY (Affiliated to JNTU) Hyderabad, was carried out by N.BALAKRISHNA under our guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

Ms/Mr. Masks

Mrs.MADHURI

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Ms./Mr. G. Salettal

(External Guide)

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rincipal Samskruti College of Engg. & Technole Kondapur (V), Ghatkeser (M), R.R. Dist

Kondapur(V), Ghatkesar(M), R.R.Dist.



#### CERTIFICATION

This is to certify that the Project Report title "FINANCIAL PLANNIG AND TRATEGY WITH REFERENCE AT THE SINGARENI COLLIERIES COMPANY TD " submitted in partial fulfilment for the award of MBA Programme of Department of Business Management, SAMSKRUTHI COLLEGE ENGINEERING AND TECHNOLOGY (Affiliated to JNTU) Hyderabad, was carried out by N.LAKSHMAN under our guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

(External Guide)

Mrs.MADHURI

(ASST.PROFESSOR)

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