

# S.R.K INSTITUTE OF TECHNOLOGY

(Affiliated to JNTU KAKINADA, Approved by AICTE)

(An ISO 9001: 2008 Certified Institute)

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

This is to certify that the major project report entitled "(ANALYSIS AND DESIGN OF G+15 RCC STRUCTURE UNDER VARIOUS SEISMIC ZONES BY STAAD PRO)" submitted by A.MALIK (17X41A0101), B.LOKESH (17X41A0105), M.VISHNU PRIYA (17X41A0129), T.TRINADH (17X41A0140), and V.BHANU LATHA (17X41A0142) as a record of the work carried out by them is accepted as a Bonafede work report submission in partial fulfilment of the requirements for the award of the degree in Bachelor of Technology during the academic year 2020-2021 .

*A. Malik*  
Signature of the Guide

*J. Lakshmi* 17/7/21  
Signature of the H.O.D

Signature of the External

*Praveen Kumar*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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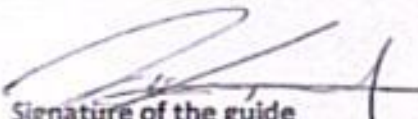
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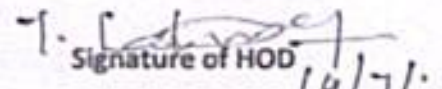
**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that the major project report entitled "TWO LAKH CAPACITY OF WATERTANK DESIGN BY STAAD Pro" submitted by A. MAHITHA (17X41A0102), CH. VANI (17X41A0110), M. KOTTI SAI (17X41A0127), P. ALEKYA (17X41A0132) and T. DINESH (17X41A0141) as a record of the work carried out by them is accepted as a bonafide work report submission in partial fulfilment of the requirements for the award of degree of Bachelor of Technology in Civil Engineering during the academic year 2020-2021.

  
Signature of the guide

  
Signature of HOD 14/7/21

Signature of the External

  
PRINCIPAL

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ENIKEPADU, VIJAYAWADA

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## DEPARTMENT OF CIVIL ENGINEERING



### CERTIFICATE

This is to certify that the major project entitled "ASSESSMENT OF WATER QUALITY INDEX OF KRISHNA RIVER AFTER AMALGAMATION OF GODAVARI RIVER WATER AT IBRAHIMPATNAM VIJAYAWADA ANDHRA PRADESH, INDIA" submitted by B.LAKSHMI MADHURI (17X41A0106), D.PAVAN KUMAR (17X41A0113), G.SRIKANTH (17X41A0119), M.NARENDHRA (17X41A0128), P.VEERABABU (17X41A0131) as a record of the work carried out by them, is accepted as a bonafide work report submission in partial fulfillment of the requirements for the award of the degree of **Bachelor Of Technology** during the academic year 2020-21.

*N. Kranthi Rekha*  
Ms.N. KranthiRekha.M.Tech 26/7/21

SIGNATURE OF THE GUIDE

*T. Sathyanarayana*  
Dr. T. Sathyanarayana 26/7/21

SIGNATURE OF THE HOD

SIGNATURE OF THE EXTERNAL

*[Signature]*  
PRINCIPAL  
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ENIKEPADU, VIJAYAWADA

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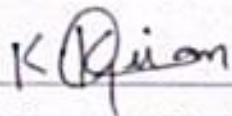
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DEPARTMENT OF CIVIL ENGINEERING

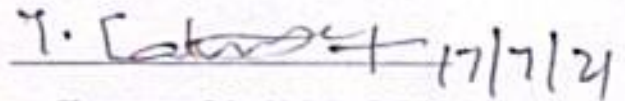


**CERTIFICATE**

This is to certify that the major project report entitled“(ANALYSIS AND DESIGN OF G+6 RCC STRUCTURE UNDER LATERAL LOADS BY STAAD PRO)” submitted by B.JEEVANVARMA (17X41A0103), CH.VASAVI (17X41A0108), D.BHANUTEJA(17X41A0112), K.AMULYA(17X41A0126), P.MADHAVI (17X41A0134), P.VIJAYA LAKSHMI(17X41A0135) and as a record of the work carried out by them is accepted as a bonafide work report submission in partial fulfilment of the requirements for the award of the degree in Bachelor of Technology during the academic year 2020-2021 .



Signature of the Guide



Signature of the H.O.D. C.E

\_\_\_\_\_  
Signature of the External

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOG  
ENIKEPADU, VIJAYAWADA

SRK INSTITUTE OF TECHNOLOGY  
(Affiliated to JNTU, Kakinada, Approved by AICTE)  
DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that the project "**DESIGN & ESTIMATION OF G+1 SCHOOL BUILDING**" being submitted by **D.NETAJI(17X41A0111), D.HARISHA(17X41A0114), K.NARENDRA 17X41A0123), P.SRINIVAS (17X41A0133), T.RISHITA(17X41A0139), V.SAI MANASA(17X41A0144)** is the bonafide work carried under the guidance of **A.KRISHNA PRIYA, M.Tech. (Ph.D)** in the partial fulfillment of the requirements for the award of the degree in Bachelor of Technology in 'Civil Engineering' during the academic year 2020-2021.

(Signature of the Guide)

T. Lakshmi 15/7/21  
(Signature of the HOD)

(Signature of the External)

  
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ENIKEPADU, VIJAYAWADA

**SRK INSTITUTE OF TECHNOLOGY**

(Approved by AICTE New Delhi, Recognized by Govt. of A.P., Affiliated to JNTU,

Kakinada) An ISO 9001:2008 Certified Institution,

**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that the thesis entitled "COMPARATIVE ANALYSIS OF WINDFORCES OF G+5 AND G+8 RCC STRUCTURE USING STAAD PRO" is being submitted by CH.GOPI KRISHNA YADAV (17X41A0109), D.CHALINI (17X41A0115), G.ASHOK (17X41A0118), K.NAGA VENKATA SAI (17X41A0125), V.RAJ KUMAR (17X41A0143) and V.N.B.K.HARIPRIYA (17X41A0146) in partial fulfillment of the requirements for the award of bachelor of technology in CIVIL ENGINEERING by Jawaharlal Nehru Technological University Kakinada is a record of bonifide work carried out under my guidance and supervision during the academic year 2017-2021.

G. Sahithi  
17/7/2021  
PROJECT GUIDE

T. Lakshmi  
17/7/21  
HEAD OF THE DEPARTMENT (CE)

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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## CERTIFICATE

This is to certify that the major project report entitled **EXPERIMENTAL STUDY ON EFFECT OF COMPACTION BEHAVIOUR OF SOIL WITH WASTE PLASTER OF PARIS, CEMENT AND QUARRY DUST** submitted by **B SAKETH RAJ (17X41A0104), G BHARGAV SAI (17X41A0117), H SAJID (17X41A0121), K NAGAVARDHANI (17X41A0124), P VIJAYA LAKSHMI (17X41A0136), and P SURENDRA (17X41A0148)** as a record of the work carried out by them, is accepted as a bonafied work report submission in partial fulfillment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** during the academic year 2020-2021.


  
Mr. J PURNA CHANDRA RAO, M.Tech

Project Supervisor

 16/7/2  
Dr. T. SATYANARAYANA

Head of the Department

\_\_\_\_\_  
External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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CERTIFICATE

This is to certify that the project "DESIGN AND ANALYSIS OF IMMERSERD TUNNELS WITH BUBBLE DECK SLAB" being submitted by B. HEMANTH KRISHNA (17X41A0107), G. SHEENA ECCLESIA (17X41A0116), N. GEETHIKA PRIYA (17X41A0130), S. SRINIVAS RAO (17X41A0137), SK. AMEER (17X41A0138), M.S.S. KRISHNA SHANMUKHA (17X41A0147) is the bonafide work carried under the guidance of M. KARTHIK KUMAR, M.Tech in the partial fulfillment of the requirements for the award of the degree in Bachelor of Technology in 'Civil Engineering' during the academic year 2020-2021.

*[Handwritten Signature]*  
Signature of the Guide

*[Handwritten Signature]*  
Signature of the HOD

Signature of the External

*[Handwritten Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA




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**DEPARTMENT OF CIVIL ENGINEERING****CERTIFICATE**


This is to certify that the major project report entitled **EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH MARBLE CHIPS** submitted by **A.DIVYASREE(18X45A0102), A.RAVINDRA(18X45A0103),D.V.V.SIVAKRISHNA(18X45A0111), K.NAGARJUNA(18X45A0123),N.SAI (18X45A0142),SK.AMEER KHAN (18X45A0155)** as a record of the work carried out by them, is accepted as a bonafied work report submission in partial fulfilment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** during the academic year 2020-2021.

  
A.KRISHNA PRIYA, M.Tech,(Ph.D)

(Signature of the project guide)

  
Dr.T.SATYA NARAYANA, Ph.D14/7/21  
(Signature of the H.O.D)

(Signature of the External)

  
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**DEPARTMENT OF CIVIL ENGINEERING**



CERTIFICATE

This is to certify that the project **"PLANNING, ANALYSIS AND DESIGN OF (G+9) MULTIPURPOSE BUILDING"** being submitted by

**Mr. G. RAJASEKHAR RAEDDY (18X45A0114), Mr. K. NAGA BHUSHANAM (18X45A0130), Ms. MD. RAZIYA SULTANA (18X45A0139), Mr. P. TAMMI BABU (18X45A0145),**

**Mr. V. VINAY KUMAR (18X45A0165).**

is the bonified work carried under the guidance of **Mrs. G. SAHITHI, M. Tech** in the partial fulfilling of the requirements for the award of the degree in Bachelor of Technology during the academic year 2020-2021.

*G. Sahithi*  
13/7/2021  
Signature of the Guide

*J. Lakshmi*  
Signature of the HOD  
13/7/21

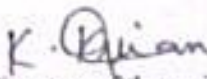
Signature of the External


*[Signature]*  
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DEPARTMENT OF CIVIL ENGINEERING



This is to certify that the project work entitled "PLANNING, ANALYSIS AND DESIGN OF (G+12) RESIDENTIAL APARTMENT USING ETABS" submitted by Mr.G.PAVANRITIVIK(18X45A0115), Ms.K.MOUNIKA(18X45A0125), Mr.P.VIJAY KUMAR (18X45A0147), Mr.S.AJAY KUMAR (18X45A0151), MR.Y.SAI AJAY KUMAR(18X45A0168) as a record of the work carried out by them, is accepted as a bonheaded work report submission in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in during the A.Y 2020-2021.

  
(Signature of the project guide)  
(MR.K.KIRAN)

  
(Signature of the HOD) 15/7/21  
(Dr. T. SATAYANARAYANA)

Signature of the External

  
PRINCIPAL  
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## DEPARTMENT OF CIVIL ENGINEERING



### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON OPTIMUM REPLACEMENT OF NATURAL SAND WITH IRON SLAG & GLASS POWDER IN M30 GRADE CONCRETE" being submitted by Mr.B. ARUN KUMAR NAIK (18X45A0105), Mr.G. MOHITH SAI (18X45A0118), Mr.K.RADHA KRISHNA (18X45A0124), Mr.M.HARISH (18X45A0136), Mr.P. SIVAJI (18X45A0146) and Mr.Y. VAMSI (18X45A0167) as a record of the work carried out by them, is accepted as a bonheaded work report submission in partial fulfilment of the requirements for the award of degree of Bachelor of Technology in Civil Engineering during the Academic Year: 2020-2021.

M.KARTHIK KUMAR, M.Tech

*M. Karthik*  
14/7/21  
(Signature of the project guide)

*T. Satyanarayana* 14/7/21  
Dr.T.SATYANARAYANA, Ph.D

(Signature of the H.O.D)

(Signature of the External)

ii

*T. Satyanarayana*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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## DEPARTMENT OF CIVIL ENGINEERING



### CERTIFICATE

This is to certify that the major project report entitled **EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH GRANITE CHIPS AND FINE AGGREGATE WITH IRON SLAG** submitted by **D.NAGAVENKATARAMANA (18X45A0110), G.CHINNARAO (18X45A0119), K.JYOTHSNA (18X45A0126), K.VENKATESH (18X45A0134), P.RAMESH(18X45A0144), S.SHEKAR (18X45A0161)** as a record of the work carried out by them, is accepted as a bonafied work report submission in partial fulfilment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in **Civil Engineering** during the academic year 2020-2021.

*14/07/21*  
Mrs. E.USHA SREE, M.Tech

Project guide

*19/7/21*  
Dr. T .SATYA NARAYANA, Ph.D.

Head of the department

External Examiner

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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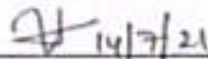
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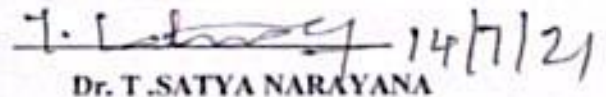
### CERTIFICATE

This is to certify that the major project report entitled **EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH GRANITE CHIPS AND FINE AGGREGATE WITH ROBO SAND** submitted by **B.BHARGAV(18X45A0107), K.RAMU(18X45A0127), SK.IRFAN(18X45A0156),SK.MAHAMOOD(18X45A0158),T.SAI (18X45A0163)** as a record of the work carried out by them, is accepted as a bonafied work report submission in partial fulfilment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** during the academic year 2020-2021.

 14/7/21

Mrs. E.USHA SREE M.Tech

Project guide

 14/7/21

Dr. T .SATYA NARAYANA

Head of the department

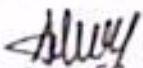
\_\_\_\_\_  
External Examiner

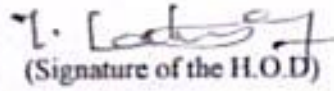
  
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**(Affiliated to JNTU KAKINADA, Approved by AICTE)**  
**(As ISO 9001:2008 Certified Institute)**  
**DEPARTMENT OF CIVIL ENGINEERING**




This is to certify that the project work entitled "DESIGN & DETAILING OF HYPERLOOP TRANSPORTATION SYSTEM" submitted by Mr. B. PRAVEEN KUMAR (18X45A0104), Mr. G. RAVI KIRAN (18X45A0117), Mr. K. HARINDRA (18X45A0129), Mr. K. PRASANTH KUMAR (18X45A0132), Mr. K. NAVEEN KUMAR (18X45A0133) as a record of the work carried out by them, is accepted as a bone headed work report submission in partial fulfilment of the requirements for the award of degree of **Bachelor of Technology** in during the A.Y 2020-2021.

  
(Signature of the project guide)  
(M.R.A. ANOOP KUMAR)

  
(Signature of the H.O.D) 14/7/21  
(Dr. T. SATAYANARAYANA)

Signature of the External

  
PRINCIPAL  
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ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
(Affiliated to JNTU KAKINADA, Approved by AICTE)  
ENIKEPADU, KRISHNA DISTRICT, ANDRA PRADESH  
**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled “EFFECT OF POND ASH ON GROUND WATER QUALITY AROUND VIJAYAWADA THERMAL POWER STATION (VTPS) AT IBRAHIMPATNAM, ANDHRA PRADESH, INDIA” being submitted by B. SAI GOPI CHAND(18X45A0106), K.RAMESH BABU(18X5A0122), M.VENKATA KALYAN(18X45A0137), MD.RAKEEB(18X45A0138), S.ANIL KUMAR(18X45A0153) in partial fulfillment for the award of the Degree in Bachelor of Technology in **CIVILENGINEERING** under the guidance of Ms. N. KRANTHI REKHA M.Tech, Assistant professor. The results embodied in the project report have not been submitted to any other university or institute for the award of degree during the academic year 2020-2021.

*N. Kranti Rekha*  
Project Guide 13/7/21

*T. Satish* 14/7/21  
Head of the Department

External Examiner

ii

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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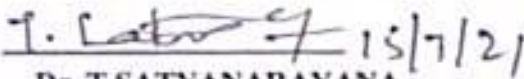
DEPARTMENT OF CIVIL ENGINEERING




## CERTIFICATE

This is to certify that the major project report entitled **DESIGN AND ESTIMATION OF WATER TREATMENT PLANT FOR A COLONY, GANGURU** submitted by **CH VAMSI GANESH (18X45AO108), CH SAI KUMAR (18X45AO109), M SUNIL KUMAR (18X45AO141), N RUPA VAISHNAVI (18X45A0143), S SADHIKA (18X45AO152), and SK MASOOD (18X45AO159)** as a record of the work carried out by them, is accepted as a bonafied work report submission in partial fulfillment of the requirements for the award of degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** during the academic year 2020-2021.

  
\_\_\_\_\_  
Mr. J PURNA CHANDRARAO, M.Tech  
Project Supervisor

  
\_\_\_\_\_  
Dr. T.SATYANARAYANA  
Head of the Department

\_\_\_\_\_  
External Examiner


  
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PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

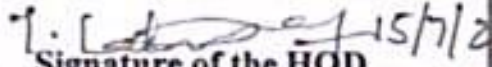
**SRK INSTITUTE OF TECHNOLOGY**  
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**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that the Major Project Report entitled "DESIGN, ANALYSIS AND ESTIMATION OF G+2 COMMERCIAL BUILDING(USING STAAD PRO V8I)" being submitted by E.SAI KUMAR (18X45A0113), M.VENAKTA SAI (18X45A0140), R.SIVA KUMAR (18X45A0149), S. SATISH (18X45A0160), T.VAMSI KRISHNA (18X45A0162) and T.NUTANA (18X45A0164) is the bonafide work carried under the guidance of K.CHANDRA PADMAKAR, M. Tech in the partial fulfillment of the requirements for the award of the degree in Bachelor of Technology in Civil Engineering during the academic year 2020-2021.

  
Signature of the Guide

 15/7/2  
Signature of the HOD

Signature of the External

  
PRINCIPAL

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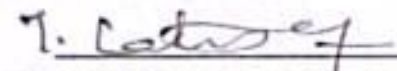
DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

This is to certify that the major project report entitled "ANALYSIS AND DESIGN OF A COMMERCIAL BUILDING" submitted by J.SRAVAN SAIKUMAR (18X45A0120), J.NARENDRA BABU (18X45A0121), L.BALASAI (18X45A0135), P.KAMAL (18X45A0148), Y.ROJA (18X45A0166) as a record of the work carried out by them, is accepted as a bonafied work report submission in partial fulfillment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING during the academic year 2020-2021.

  
Mr. K. CHANDRA PADMAKAR, M.Tech.  
Project guide

 14/7/21  
Dr. T. SATYA NARAYANA, Ph.D.  
Head of the department

\_\_\_\_\_  
External Examiner

  
PRINCIPAL  
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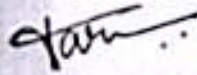
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ENIKEPADU, VIJAYAWADA, Krishna Dist- 521108, Andhra Pradesh.

DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that this socially relevant project work entitled "SWACHH BHARAT ABHIYAN" is the benefited record of work done BY K. UMA SHANKAR (19X41A0305), K. VIVEK (20X45A0307), K. SRINIVAS (20X45A0308), M. ANNAMAIAH (20X45A0309), T. NAVEEN (20X45A0317) who carried out the socially relevant project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.



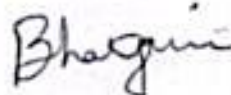
PROJECT GUIDE

P. Tarun Naga Venkatesh, M.Tech



HEAD OF THE DEPARTMENT

A. Stanly Kumar, M.Tech., (Ph.D)



EXTERNAL EXAMINER



SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

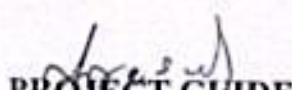
# S.R.K INSTITUTE OF TECHNOLOGY

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ENIKEPADU, VIJAYAWADA; Krishna Dist- 521108, Andhra Pradesh.


## DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that this socially relevant project work entitled "RAIN WATER HARVESTING" is the benefited record of work done BY A.GOPI RAJU (19X41A0301), CH.J.N.V SAI PAVAN (19X41A0302), D.AJAY KUMAR (20X45A0301), AJEEVAN KUMAR (20X45A0302), B.SHANMUKHA SAI (20X45A0303)" who carried out the socially relevant project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of "BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,KAKINADA.


  
PROJECT GUIDE

D. S.RAM PRASAD MA-TECH,(P&D)

  
HEAD OF THE DEPARTMENT

A. Stanly Kumar, M.Tech., (Ph.D)

  
EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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## DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that this socially relevant project work entitled "SWACHH BHARAT MISSION" is the benefited record of work done BY N.GANESH (19X41A0307), N.SAIKESAVAREDDY(19X41A0308), S.DEVIPRASAD(19X41A0309), E.CHANDU (20X45A0306), M.KARUNAKAR(20X45A0310) who carried out the socially relevant project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.

*Kristy*

PROJECT GUIDE

M.HARI KRISHNA, M.Tech

*[Signature]*

HEAD OF THE DEPARTMENT

A. Stanly Kumar, M.Tech., (Ph.D)

*[Signature]*

EXTERNAL EXAMINER

*[Signature]*

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA, Krishna Dist- 521108, Andhra Pradesh.

## DEPARTMENT OF MECHANICAL ENGINEERING




This is to certify that this socially relevant project work entitled "WATER POLLUTION AND CONTROL METHODS" is the benefited record of work done BY P.ANILKUMAR(20X45A0313), N.VAMSIKRISHNA(20X45A0312), N.NAVEENKUMAR(20X45A0311), P.DURGA KOUSIK(20X45A0314), R. VISHNU SAI(20X45A0315) who carried out the socially relevant project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.



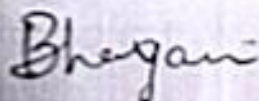
PROJECT GUIDE

G. DURGA PRASAD M.Tech

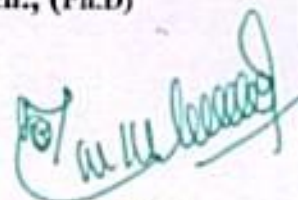


HEAD OF THE DEPARTMENT,

A. Stanly Kumar, M.Tech., (Ph.D)



EXTERNAL EXAMINER



PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA, Krishna Dist- 521108, Andhra Pradesh.


## DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that this socially relevant project work entitled "Solid waste pollution" is the benefited record of work done BY D.Jonty (19X41A0303), G.Sarath chandra(19X41A0304), D.Srikanth(20X45A0304),D.Akash(20X45A0305), R.Ibrahim(20X45A0316) who carried out the socially relevant project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING** by **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.**


  
PROJECT GUIDE

R.Kiran kumar, M.Tech

  
HEAD OF THE DEPARTMENT

A. Stanly Kumar, M.Tech., (Ph.D)

  
EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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DEPARTMENT OF MECHANICAL ENGINEERING




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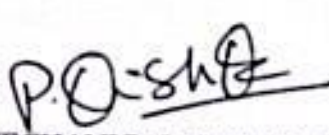
This is to certify that the project entitled "GESTURE CONTROL ROBOT" being submitted by

V. NAGA SAI REDDY (16X41A0349)

K. BHARGAV SATHISH (16X41A0322)

In partial fulfilment for the award of the degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of confide work carried out by them under my guidance during the academic year 2020-21 and it has been found worthy of acceptance according to the requirements of the university.

  
PROJECT GUIDE  
Ms D. HARITHA

  
HEAD OF MECHANICAL DEPARTMENT  
Dr P. KISHOREKUMAR

  
(EXTERNAL EXAMINER)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

DEPARTMENT OF MECHANICAL



CERTIFICATE

This is to certify that the project report entitled "UV-BOX" submitted by SASIDHAR PALURI, ABDUL RAWOOF, VINOD KUMAR BONDADA, TOTTA PAUL NISSY BABU, SURENDRA BABU to the JNTU KAKINADA in partial fulfilment for the award of Degree of Bachelor of Technology in MECHANICAL is a bonafide work carried out by them under my supervision during the year 2020-2021.

(P. TARUN NAGA VENKATESH)

Guide

(Dr. P. KISHOREKUMAR)

Head of the Department

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

Signature of External Invigilator



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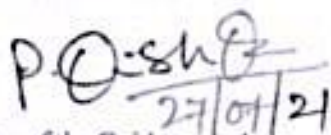
APPROVED BY AICTE & AFFILIATED TO JNTUK - ISO 9001:2015 CERTIFIED INSTITUTION

Enikepadu, Vijayawada - 521 108. (A.P.) Phone : 2843839

e-mail : srktech@gmail.com web : www.srkit.in

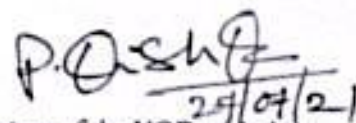
## BONAFIDE CERTIFICATE

certified that this report titled "FABRICATION AND TESTING OF MAGNESIUM METAL MATRIX COMPOSITES FOR STRUCTURAL APPLICATIONS" is the bonafide work of NAGARAJU SRINU [17X41A0319]; P.V.N. BHARGAVA RAM [17X41A0332]; NALLAGATLA MAHADEV [17X41A0322]; MEKALA RAJABABU [17X41A0318]; DHALI PRUDHVI [17X41A0308] who carried out the work under my supervision. Certified further the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other that to candidate.

  
27/07/21

Signature of the Guide with date  
Dr. P KISHOREKUMAR, M.E, Ph.D.,

Associate Professor and Head,  
Department of Mechanical Engineering  
SRK Institute of Technology  
Enikepadu-521108.

  
27/07/21

Signature of the HOD with date  
Dr. P KISHOREKUMAR, M.E, Ph.D.,

Associate Professor and Head,  
Department of Mechanical Engineering,  
SRK Institute of Technology  
Enikepadu-521108.



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KAKINADA, ENIKEPADU, VIJAYAWADA, Krishna Dist.-521108,

Andhra Pradesh,

DEPARTMENT OF MECHANICAL ENGINEERING




## CERTIFICATE

This is to certify that this project work entitled "DESIGN AND ANALYSIS OF 360° DUMP TRUCK" is the benefited record of work done by

P. ANVESH	(17X41A0302)
P. SHIVA PRASAD	(17X41A0329)
V. CHAITANYA VAMSI	(17X41A0344)
P. JEEVA	(17X41A0331)

who carried out the project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING** by **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.**

  
A. STANLEY KUMAR  
PROJECT GUIDE

  
Dr. P. Kishore Kumar  
HEAD OF THE DEPARTMENT

  
EXTERNAL SIGNATURE

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**SRK INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

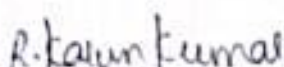


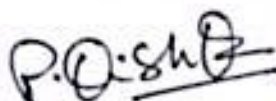
**CERTIFICATE**

This is to certify that the project entitled "PALLET RACKING OPERATION USING IGUS 4-AXIS ROBOT" being submitted by

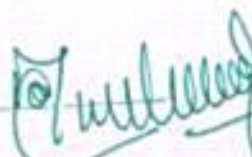
V. SHASHI KANTH	17X41A0346
P. SURYAPRAKASH	17X41A0328
V. NAVEEN KUMAR	17X41A0348
V. SAI TEJA	17X41A0343

In partial fulfillment for the award of the degree of Bachelor of Technology (B. Tech) in MECHANICAL ENGINEERING is a record of confide work carried out by them under my guidance during the academic year 2020-2021 and it has been found worthy of acceptance according to the requirements of the university.

  
Mr. R. KARUN KUMAR M. TECH  
Assistant Professor  
PROJECT GUIDE

  
Dr. P. KISHORE KUMAR  
HEAD OF THE DEPARTMENT  
MECHANICAL

  
(EXTERNAL EXAMINER)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKERAPU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA, Krishna Dist. - 521108, Andhra Pradesh.

## DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that this project work entitled "DESIGN AND WEIGHT OPTIMIZATION OF IC ENGINE" is the benefited record of work done by

M. JOJI BABU	(17X41A0317)
N. KHADEER	(17X41A0323)
P. VENKATESWARLU	(17X41A0327)
SD. JABEER	(17X41A0335)


who carried out the project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.

  
PROJECT GUIDE

Mr. V. BALA CHINALINGAM ME.

  
HEAD OF THE DEPARTMENT

Dr. P. KISHOREKUMAR Ph.D.

  
EXTERNAL SIGNATURE

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
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### DEPARTMENT OF MECHANICAL ENGINEERING



VIJAYAWADA

This is to certify that this project work entitled "DESIGN AND FABRICATION OF WIRELESS ROBOTIC GRIPPER" is the benefited record of work done by

SAI KUMAR	(17X41A0321)
P SRIKANTH	(17X41A0333)
SHIVAJI BHAKTE	(17X41A0336)
T JAYAVARDHAN	(17X41A0337)

who carried out the project work under our guidance and supervision submitted in partial fulfillment of requirements for the award of the degree of **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING** by **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.**

**PROJECT GUIDE**  
D.ROGANATHA RAO, M.Tech, (Ph.D.),  
Assistant Professor

**HEAD OF THE DEPARTMENT**  
Dr. P KISHOREKUMAR, M.Tech, Ph.D.,  
Associate Professor & HOD

**EXTERNAL SIGNATURE**

**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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**SRK INSTITUTE OF TECHNOLOGY DEPARTMENT OF  
MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that the project entitled "MODELLING AND ANALYSIS OF HEAVY VEHICLE CHASSIS WITH DIFFERENT SECTIONS BY USING FEM METHOD" being

submitted by

G. CHAITANYA KUMAR	17X41A0310
G. V.V. NAGA BABU	17X41A0312
D. ANKA RAJU	17X41A0309
M. ARAVIND	17X41A0315

In partial fulfillment for the award of the degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of confide work carried out by them under my guidance during the academic year **2020-21** and it has been found worthy of Acceptance according to the requirements of the university.

**Mr. G. Durga Prasad M.Tech**

PROJECT GUIDE

(EXTERNAL EXAMINER)

**Dr. P. KISHOREKUMAR  
HEAD OF THE DEPARTMENT**

MECHANICAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that this project work entitled "DESIGN AND ANALYSIS OF SUBMARINE AUTONOMOUS UNDER WATER VEHICLE" is the benefited record of work done by

T.TILAKSAI	- 17X41A0340
T.PAVANKALYAN	-17X41A0339
P.PRASANTH	-17X41A0330

who carried out the project work under our guidance and supervision submitted in partial fulfillment of requirements for the award of the degree of **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING** by **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.**

  
PROJECT GUIDE  
Sri D. SREERAMPRASAD M.E, Ph.D.

  
HEAD OF THE DEPARTMENT  
Dr. P KISHOREKUMAR, M.E, Ph.D.,

  
EXTERNAL

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKPADU, VIJAYAWADA**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that the project entitled "SENSOR GUIDED ROBOTS" being submitted by

A. YOGANAND	18X45A0302
A. LAKSHMANA RAO	18X45A0303
A. VIGNESWARA RAO	18X45A0304
A. RAKESH KUMAR	18X45A0305
B. MANOHAR	18X45A0309

In partial fulfillment for the award of the degree of **BACHELOR OF TECHNOLOGY (B. Tech)** in **MECHANICAL ENGINEERING** is a record of confide work carried out by them under my guidance during the academic year **2020-2021** and it has been found worthy of acceptance according to the requirements of the university.

*B. Nagendra*

Mr. B. NAGENDRA, M.Tech

PROJECT GUIDE

*P. Oswa*

HEAD OF THE DEPARTMENT  
MECHANICAL

*[Signature]*  
(EXTERNAL EXAMINER)

*[Signature]*

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKPADU, VIJAYAWADA

SRK INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING




CERTIFICATE

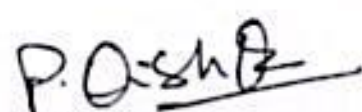
This is to certify that the project entitled "DESIGN AND FABRICATION OF 3 WAY OPERATION BY USING SCOTCH YOKE MECHANISM" being submitted by

CHAKKA, RAGHAVENDRA SIVA KUMAR	18X45A0310
PEDAPUDI, BHOJARAJA BHOOPAL	18X45A0350
BANKURU, NAGA SAI KALYAN	18X45A0308
SHAIK, ISMAIL	18X45A0357
NERSU, YADAGIRI	18X45A0344

In partial fulfillment for the award of the degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of bonafide work carried out by them under my guidance during the academic year **2020-2021** and it has been found worthy of acceptance according to the requirements of the university.


  
Mr. V. PAVAN KUMAR M. Tech


PROJECT GUIDE

  
Dr. P KISHORE KUMAR M.E., Ph. D

HEAD OF THE DEPARTMENT

MECHANICAL

  
(EXTERNAL EXAMINER)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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## DEPARTMENT OF MECHANICAL ENGINEERING




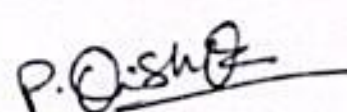
### CERTIFICATE


This is to certify that this project work entitled "FABRICATION AND IMPLEMENTATION OF ANIMATRONIC WIRELESS ARM MOTION" is the benefited record of work done by


K.SAI PAVAN	-	18X45A0331
J.THARUN	-	18X45A0318
K.SHALIM RAJU	-	18X45A0321
A.IRFAN	-	18X45A0301
K.NIRANJAN	-	18X45A0319

who carried out the project work under our guidance and supervision submitted in partial fulfilment of requirements for the award of the degree of BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.

  
PROJECT GUIDE  
D.ROGANATHA RAO, M.Tech, (Ph.D.),  
Assistant Professor

  
HEAD OF THE DEPARTMENT  
Dr. P KISHOREKUMAR, M.Tech, Ph.D.,  
Associate Professor & HOD

  
(EXTERNAL SIGNATURE)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA.

**DEPARTMENT OF MECHANICAL ENGINEERING**



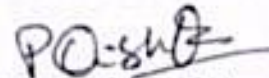
**CERTIFICATE**

This is to certify that this project report entitled "SWARMING INTELLIGENCE IN ROBOTICS" is the bonafide work of Mr. K.V.S. SURYA TEJA (18X45A0320), Mr. AX K.SRINIVAS (18X45A0328), Mr. B.KIRAN NAIK (18X45A0307), Mr. P. SHANMUKH SAI (18X45A0347), in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has been carried out under our supervision and guidance.



*Signature of the Guide*

**M.HARI KRISHNA**



*Signature of the HOD*

**Dr.P.KISHOREKUMAR**



*Signature of the External Examiner*



**PRINCIPAL**

**SRK INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA

S.R. K INSTITUTE OF TECHNOLOGY

DEPARTMENT OF

MECHANICAL ENGINEERING



This is to certify that the project entitled 'DESIGN AND FABRICATION OF MULTIPRPOSE MACHINE' is bonafide record of work done by

M.NAGA SRI SUDHEER	18X45A0335
M.KUMAR CHARAN	18X45A0337
M.ABDUL AHAD	18X45A0338
MD.IRFAN	18X45A0339
M.LOKESH VARMA	18X45A0340

Under my guidance and supervision, submitted in fulfillment of the requirements for the award of the degree of Bachelor of Technology in MECHANICAL ENGINEERING under the jurisdiction of JNTU KAKINADA during the academic year 2020-2021.

  
PROJECT GUIDE

Mr. U. TANOJ (ASST. PROF.)

  
EXTERNAL

  
HEAD OF DEPARTMENT

Dr. P. KISHORE KUMAR

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**SRK INSTITUTE OF TECHNOLOGY DEPARTMENT OF  
MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that the project entitled "DESIGN AND ANALYSIS OF SPUR GEAR" being submitted by

P.B.R.K. VARMA	18X45A0351
P. ABHISHEK	18X45A0352
P.S.N.S. MANIKANTA	18X45A0349
N. SURENDRA	18X45A0343
P. SANDEEP KUMAR	18X45A0346

In partial fulfillment for the award of the degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of confiding work carried out by them under my guidance during the academic year 2020-21 and it has been found worthy of acceptance according to the requirements of the university.

**Mr. R. KIRAN KUMAR** M. Tech

Assistant Professor  
PROJECT GUIDE

**Dr. P. KISHOREKUMAR**

HEAD OF THE DEPARTMENT  
MECHANICAL

(EXTERNAL EXAMINER)

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

Department of Mechanical Engineering  
SRK institute of technology  
Affiliated to JNTUK - Approved by AICTE)  
Vijayawada-521 108

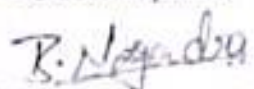


### CERTIFICATE

This is to certify that the project report entitled **DESIGN AND FABRICATION OF FLEXIBLE DRILLING MACHINE** being submitted by

D. JAGADEESH	(18X45A0315)
M. PRADEEP	(18X45A0336)
P. VINAY KUMAR	(18X45A0345)
R. PREM KUMAR	(18X45A0355)
S. SHIVA KUMAR	(18X45A0359)

In partial fulfillment for the award of the **Degree of in Bachelor of Technology** in mechanical engineering to the Jawaharlal Nehru Technology University Kakinada is record of bonafied work carried out under my guidance supervision. The results embodied in this project report have not been submitted to any other University or Institution for the award of any Degree or Diploma

  
Mr. B. NAGENDRA, MTECH  
(Project Guide)

  
Dr. P. KISHORE KUMAR  
Head of the Department

  
EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA





## DEPARTMENT OF MECHANICAL ENGINEERING

### CERTIFICATE

This is to certify that the project entitled "**Design and fabrication of plastic recycling machine**" is a bonafide work of K. Vinay Bharat (18X45A0326), Ch. Rajesh Varma (18X45A0312), K. Siva Sai Sowmya (18X45A0324), D Yamini (18X45A0314), T Arun Gopi (18X45A0362) in the partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in **MECHANICAL ENGINEERING** and for the academic year 2020-21.

*Keishu*

Signature of the Guide

*P. Q. S. N. J.*

Signature of the HOD

*J. S. R.*

Signature of the External Examiner

*S. S. S. S. S.*  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**SRK INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

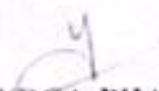


**CERTIFICATE**

This is to certify that the project entitled " **DESIGN AND ANALYSIS OF CENTRIFUGAL PUMP IMPELLER BY FINITE ELEMENT ANALYSIS** " being submitted  
BY

<b>K. SAI KIRAN</b>	<b>18X45A0330</b>
<b>J. TARUN KUMAR</b>	<b>18X45A0317</b>
<b>Ch. MAHESH</b>	<b>18X45A0311</b>
<b>D. ANAND</b>	<b>18X45A0316</b>
<b>Ch. SRINIVAS</b>	<b>18X45A0313</b>

In partial fulfillment for the award of degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of confide work carried out by them under my guidance during the academic year **2020-2021** and it has been found worthy of acceptance according to the requirements of the university.


  
**Ms. Y. DURGA BHAVANI M. Tech**

PROJECT GUIDE

  
**Dr. P. KISHORE KUMAR PhD**

HEAD OF THE DEPARTMENT

  
**(EXTERNAL EXAMINER)**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**

**SRK INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



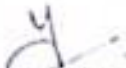
**CERTIFICATE**

This is to certify that the project entitled "DESIGN AND ANALYSIS OF PRESSURE VESSEL USING FINITE ELEMENT METHOD" being submitted by

**V.ROHITH SAI TEJA**  
**SK.JOHN SAIDA**  
**P.VAHAB KHAN**  
**S.NAVEEN**  
**N.PAVAN KUMAR**

**18X45A0368**  
**18X45A0358**  
**18X45A0348**  
**18X45A0360**  
**18X45A0342**


In partial fulfillment for the award of the degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of confiding work carried out by them under my guidance during the academic year **2020-2021** and it has been found worthy of acceptance according to the requirements of the university.

  
**Y.DURGA BHAVANI** M. Tech

PROJECT GUIDE

  
**HEAD OF THE DEPARTMENT**

MECHANICAL

  
(EXTERNAL EXAMINER)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**SRK INSTITUTE OF TECHNOLOGY DEPARTMENT OF  
MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that the project entitled "HEAT TRANSFER ANALYSIS ON A TRAPEZOIDAL PROFILE FIN" being submitted by

U.RAMA KARTEEK	18X45A0363
S.SAI KRISHNA	18X45A0361
V.D.M.U.J. PHANI KUMAR	18X45A0366
V.SAI KUMAR	18X45A0365
V.PAVAN KUMAR	18X45A0367

In partial fulfillment for the award of the degree of **Bachelor of Technology (B. Tech)** in **MECHANICAL ENGINEERING** is a record of Bonfide work carried out by them under my guidance during the academic year **2020-2021** and it has been found worthy of acceptance according to the requirements of the university.

**MR.TARUN NAGA VENKATESH**

(Project guide)

**MR.P.KISHORE KUMAR**

(Head of Department )

(EXTERNAL EXAMINER)

**SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA**

**SRK INSTITUTE OF TECHNOLOGY DEPARTMENT  
OF MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that the project entitled "FABRICATION OF SWING POWER GENERATOR" being submitted by

<b>NADIKUPPALA SAIKUMAR</b>	-	<b>18X45A0341</b>
<b>KARNATI SURESHBABU</b>	-	<b>18X45A0322</b>
<b>KOLUSU RAGHU RAM</b>	-	<b>18X45A0327</b>
<b>KUPPAN AYYAPPAN</b>	-	<b>18X45A0333</b>
<b>REDDY JAGADEESH</b>	-	<b>18X45A0356</b>

In partial fulfillment for the award of the degree of Bachelor of Technology (B. Tech) in MECHANICAL ENGINEERING is a record of confide work carried out by them under my guidance during the academic year 2020-2021 and it has been found worthy of acceptance according to the requirements of the university.

Mrs. P.BHAIYA LAKSHMI M.Tech

(PROJECT GUIDE)

Dr.P. KISHOREKUMAR M.E.,Ph.D

(HEAD OF THE DEPARTMENT)

(EXTERNAL EXAMINER)

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

# S.R.K INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi Affiliated to JNTU, KAKINADA

ENIKEPADU, VIJAYAWADA, KRISHNA DIST - 521108., ANDHRA PRADESH

DEPARTMENT OF MECHANICAL ENGINEERING

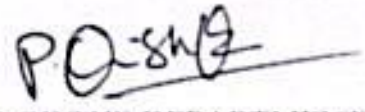


## CERTIFICATE

This is to certify that this project report entitled "AN EXPERIMENTAL STUDY ON SURVEILLANCE ROBOT CONTROLLED USING AN ARDUINO SOFTWARE" is the benefited record of work done by K. PAVANKUMAR [18X45A0325], K. SAI [18X45A0329], K. S. K SAI PRAVEEN [18X45A0323], K. AVINASH [18X45A0332], K. SANGAMESWARA RAO [18X45A0334] who carried out the project work under our guidance and supervision submitted in partial fulfillment of requirements for the award of the graduate degree in **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING** by **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINDA.**

  
PROJECT GUIDE

(GURGA PRASAD)

  
HEAD OF THE DEPARTMENT  
(DR P. KISHORE KUMAR)

  
Signature of The External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "RF SPEED CONTROL ROBO AT SENSITIVE ZONES" is a bonafide record of work carried out by N. Bindu Madhavi (17X41A0429), D. Lokeswari (17X41A0413), A. Tejaswin (17X41A0404), and G. Purna Raju (17X41A0414) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering* of *Jawaharlal Nehru Technological University, Kakinada*.

S. Sri Gowri  
Dr. S. Sri Gowri

(PROJECT GUIDE)

S. Sri Gowri  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)



PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "Women Safety and Security Device" is a bonafide record of work carried out by N. Pallavi (17X41A0430), R. Jyotirmai (17X41A0440), A. Priya Teja (18X45A0421), and S. Nagarjuna (17X41A0443) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.



**Dr. B. Vanajakshi**

**(Project Guide)**



**Dr. S. Sri Gowri**

**(Head of the Department)**



**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



## CERTIFICATE

This is to certify that the project report entitled "DETECTION OF COVID-19 FROM THE CHEST X-RAY IMAGES USING CNN" is a bonafide record of work carried out G. Moksha Lakshmi [17X41A0416], B. Chaitanya [17X41A0406], A. Sravani [18X45A0430] by under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

*T. Vishnu Priya*

Mrs. T. Vishnu Priya  
(PROJECT GUIDE)

*S. Sri Gowri*

Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

*[Signature]*  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "IOT Based Poultry House Monitoring System" is a bonafide record of work carried out by V. Rakesh (17X41A0455), D. Harika (17X41A0411), Sk. Shabina (18X45A0428), and V. Manohar (17X41A0452) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Mr. B. Ravi

(Project Guide)

  
Dr. S. Sri Gowri

(Head of the Department)



PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "PATIENT MONITORING SYSTEM USING GSM" is a bonafide record of work carried out by Y.T.N.MOUNIKA (17X41A0459), P.BHANUPRASAD (17X41A0438), MSATHISH (17X41A0426) and K.PAVANKUMAR (17X41A0419) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*

*Rhat*

Mr. P. RatnaBhaskar  
(PROJECT GUIDE)

*S. Sri Gowri*  
Dr. S. Sri Gowri

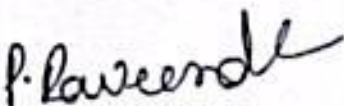
(HEAD OF THE DEPARTMENT)

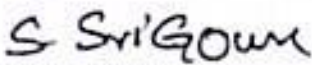
*S. Sri Gowri*

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "DESIGN& DEVELOPMENT OF SOIL MOISTURE SENSOR AND RESPONSE MONITERING SYSTEM" is being submitted by V.Gopichand(17X41A0457), P.Komal (17X41A0436), K.Indu Priya (18X41A0423) and G.Salman (17X41A0415) in partial fulfillment of the requirements for the award of Bachelorof technology in Electronics and Communication Engineering during 2020-2021. This work has been carried out by her/him under our guidance and supervision.

  
Mr. P.Raveendra  
(Project guide)

  
Dr. S Sri Gowri  
(Head of the Department)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is certify that the project entitled "IOT BASED REAL TIME DROWSY DRIVING DETECTION SYSTEM FOR PREVENTION OF ROAD ACCIDENTS" is a bonafide record of work Carried Out by SK.SHABANA(18X45A0424),A.SUBHASRI(17X41A0401),K.SRAVANI(18X45A0425),T.P.S.RAVEENDRA(17X41A0449) under the guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of technology in ELECTRONIC AND COMMUNICATION ENGINEERING Of Jawaharlal Nehru Technological University,Kakinada is a bonafide record of the work carried out under my guidance and supervision at S.R.K INSTITUTE OF TECHNOLOGY

*VCS*  
*29/7/21*  
Mr.P.KOTESWARA RAO  
(PROJECTGUIDE)

*S.Sri Gowri*  
Dr. S.SRI GOWRI  
(HEAD OF THEDEPARTMENT)

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOG  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "MILLIMETER WAVE MICROSTRIP PATCH ANTENNA FOR FUTURE 5G APPLICATIONS" is a bonafide record of work carried out by (K. Anusha (17X41A0421) K. Sai Pavan Krishna (18X45A0422) V. Chandu (17X41A0456) V.V.Siva Naga Raju (17X41A0454)) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering* of *Jawaharlal Nehru Technological University, Kakinada*.



M. D. RAVI TEJ  
(PROJECT GUIDE)


S. Sri Gowri  
Dr. S. SRI GOWRI  
(HEAD OF THE DEPARTMENT)




PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project entitled "A High-Flexible Low-Latency Memory-Based FFT Processor for 4G,WLAN and Future 5G" is a bonafide record of work carried out by K.SUDHA RANI (18X45A0426), Y.SAI KALYAN (17X41A0458), V.NIKHITHA (17X41A0453), SK.AZIZ (17X41A0444) under the guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING OF Jawaharlal Nehru Technological University, Kakinada is a bonafide record of the work carried out under my guidance and supervision at S.R.K INSTITUTE OF TECHNOLOGY.

  
Mr. K.VENKATESWARA RAO  
(PROJECT GUIDE)

  
Dr. S.SRI GOWRI  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "NIGHT VISION PATROLLING ROBOT" is a Bonafede record of work carried out by K. NEELIMA (17X41A0424), P. TEJASWINI (17X41A0433), K. PAVAN KOT (17X41A0422), A. LOKESH (18X41A0427) under my guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

*Ch. J. Gayathri*  
Mrs Ch J Gayathri  
(PROJECT GUIDE)


*S. Sri Gowri*  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

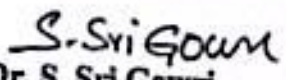
*[Signature]*  
PRINCIPAL  
BRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



## CERTIFICATE

This is to certify that the Seminar entitled "BAYESIAN BISTATIC ISAR IMAGING FOR TARGETS WITH COMPLEX MOTION UNDER LOW SNR CONDITION" is a bonafide record of work carried out O. Durga(18X45A0429), G. Reshma(17X41A0418), G.Dhanalakshmi(17X41A0417), Y. Harikrishna(17X41A0460) under my guidance and supervision in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*

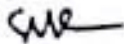
  
Mrs. A.V.P. Sarvari  
(PROJECT GUIDE)

  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "AUROMATIC SMART CAR PARKING SYSTEM" is a bonafide record of work carried out by D. Surekha (17X41A0412), K. Bhargavi (17X41A0420), P. Kalyani (17X41A0431) and CH. Jaya Naga Phani Sai (17X41A0410) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.




MR. CH. SHIVA RAJESH

(PROJECT GUIDE)



DR. S. SRI GOWRI

(HEAD OF THE DEPARTMENT)

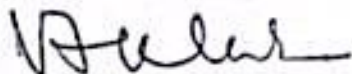


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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

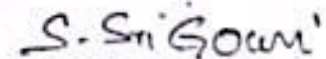
## CERTIFICATE

This is to certify that the project report entitled "BRAIN TUMOR CLASSIFICATION USING DEEP-CNN" is a bonafide record of work carried out by Sk.Md.Bilal(17X41A0445),P. Bhavana (17X41A0432) M. Pavanachari ( 17X41A0427) And K.Mrudhula (16X41A0479) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.




Mr. V. Sekhar Babu

PROJECT GUIDE

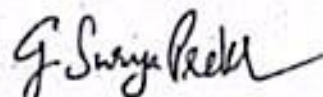
  
Dr. S. Sri Gowri

HEAD OF THE DEPARTMENT

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the Seminar entitled "Optimized Data Allocation & combining scheme For Self cancellation for OFDM systems" is bonafide record of work carried out by Sk.Tayyaba (17X41A0447) B.SivaMeghana (17X41A0409) , P.Pravallika (17X41A0435) , K.Prudhula (16X41A0480) under our guidance and supervision in partial fulfillment of the requirements for the award of Bachelor of Technology in Electronics and Communication Engineering Of Jawaharlal Nehru Technology Unviersity Kakinada during 2020-21.



SIGNATURE OF THE  
GUIDE



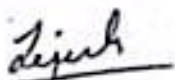
SIGNATURE OF THE  
Head of The Department



PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project entitled "Coal Mine Monitoring System" is a bonafide record of work carried out by B.SOWJANYA (17X41A0408), A.SRAVANTH (17X41A0403), P.DATTA VAMSI (17X41A0434), J.MRUDULA (16X41A0474) under the guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics And Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Mr. B.S.S. TEJESH  
(PROJECT GUIDE)

  
Dr. S. SRI GOWRI  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

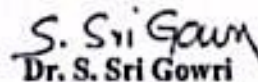
## CERTIFICATE

This is to certify that the project report entitled "WIRELESS NOTICE BOARD USING ARDUINO AND GSM" is a bonafide record of work carried out by P.BALA SAI SUDHEER (17X41A0437), N.BHARGAVI (17X41A0428) and K.PRASAD (17X41A0423) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*



Mrs. T. Manogna

(PROJECT GUIDE)



Dr. S. Sri Gowri

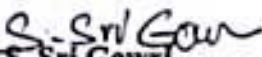
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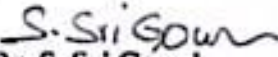


PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project entitled "PERFORMANCE ANALYSIS OF NOMA FOR 5G NETWORKS IN COMMUNICATIONS" is a bonafide record of work carried out by A. VARSHITHA (17X41A0402), S. DHANA LAKSHMI (17X41A0448), B. RAMA SUBBA REDDY (17X41A0405) under the guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Dr. S. Sri Gowri  
Professor  
(PROJECT GUIDE)

  
Dr. S. Sri Gowri  
Professor  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "GPS AND GSM BASED VEHICLE TRACKING SYSTEM" is a bonafide record of work carried out by H. MAHITHA (17X41A0479), O. LAKSHMI KALYANI (17X41A0497), M. ANUSHA (174X41A0491), A. MADAN (17X41A0465) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*

**Dr. B. Vanajakshi**  
PROFESSOR

(PROJECT GUIDE)

**S. Sri Gowri**  
Dr. S. Sri Gowri  
PROFESSOR

(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



## CERTIFICATE

This is to certify that the project report entitled "LSTM NETWORKS FOR MOBILE HUMAN ACTIVITY RECOGNITION" is a bonafide record of work carried out by U. Mohana Sri (17X41A04A7), M. Swathi (17X41A0488), G. Kavya (17X41A0478), K. Jagadeesh Sai (17X41A0487) under my guidance and supervision in partial fulfilment of the requirements for award of the degree Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

*T. Vishnu Priya*

Mrs T. Vishnu Priya  
(PROJECT GUIDE)


*S. Sri Gowri*  
Dr S. Sri Gowri

(HEAD OF THE DEPARTMENT)

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "Designing of Temperature Detection and Automatic Sanitization with Door Access for Covid Safety" is a bonafied record of work carried out by T. Deepika (18X45A0402), M. Jagadeesh (18X45A0404), D. Naga Bhargavi (17X41A0475) and K. Gnanesh (17X41A0484) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Mr. B. Ravi

(Project Guide)

  
Dr. S. Sri Gowri

(Head of the Department)




PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "IOT BASED AGRICULTURE MONITORING SYSTEM USING ESP MODULE" is a bonafide record of work carried out by R.BALA VISHNU (18X45A0401), T.PHANI (18X45A0405), K.TULASI (174X41A0482), P.SHANMUKA KUMAR (17X41A0499) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*



**B.S.S. Tejesh**  
(PROJECT GUIDE)

  
**Dr. S. Sri Gowri**  
(HEAD OF THE DEPARTMENT)



**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**

## CERTIFICATE

This is to certify that the project report entitled "LTE-ADVANCED SYSTEM BASED ON MIMO-OFDM USING DIFFERENT CHANNEL ESTIMATORS" is a bonafide record of work carried out by L.N.S.L.KIRANMAYE (18X45A0403), G.GANGADHAR (18X45A0417), V.L.ALEKHYA (17X41A04A8) and MD.AYESHA (17X41A0493) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering* of *Jawaharlal Nehru Technological University, Kakinada*.

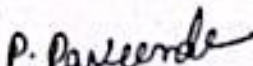
*P. Ratna*  
28/9/2021  
Mr. P. Ratna Bhaskar  
(PROJECT GUIDE)

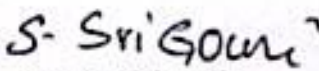
*S. Sri Gowri*  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "IDENTIFICATION OF LEAF DISEASE USING MULTICLASS SVM CLASSIFIER" is a bonafide record of work carried out by R. KEERTHI (18X45A0415), M. ESWAR SAI KISHAN(17X41A0492), P. NAGA GAYATHRI(17X41A04A0), Y.HRUTHIK(17X41A04B3) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*

  
P. PRAVEENDRA  
(PROJECT GUIDE)

  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "IOT BASED AIR POLLUTION MONITORING SYSTEM" is a bonafide record of work carried out by T. Renuka (17X41A04A5), Y. Neeharika (17X41A04B1), M. Ganesh (17X41A04A90), P. Santosh Kumar (17X41A04A1) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

VCC 29/7/21

Mr. P. Koteswara Rao  
(PROJECT GUIDE)


S. Sri Gowri  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "LOW POWER HIGH SPEED DOMINO LOGIC WITH DYNAMIC BODY BIASED KEEPER " is a bonafide record of work carried out by (CHLNAGARANI, KYAMINI MOUNIKA, CILVIJAYA & G. SRUJANA NAIDU) (18X45A0409, 17X41A0485, 18X45A0414 & 17X41A0477) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.



(D. Ravi Tej)

(PROJECT GUIDE)



Dr. S. Sri Gowri

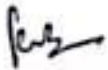
(HEAD OF THE DEPARTMENT)



PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project entitled "Double Current Limiter High Performance Voltage Level Shifter For IOT Applications" is a bonafide record of work carried out by D.BHARGAVI (18X45A0416), CH.MANI SRAVANTHI (17X41A0472), U.YASWANTHI (17X41A04A6), V.JASWANTH SAI KUMAR (17X41A04A9) under the guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING of Jawaharlal Nehru Technological University, Kakinada is a bonafide record of the work carried out under my guidance and supervision at S.R.K INSTITUTE OF TECHNOLOGY.



Mr. K.VENKATESWARA RAO

(PROJECT GUIDE)



Dr. S.SRI GOWRI

(HEAD OF THE DEPARTMENT)

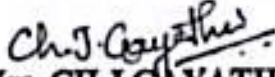


PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKERADI, VIJAYAWADA



## CERTIFICATE

This is to certify that the project report entitled "ADAPTIVE HEAD LIGHTENING SYSTEM" is a bonafide record of work carried out by P.LAVANYA(18X45A0407), N.YAMUNA(17X41A0496), K.SIRISHA(17X41A0483), P.SURYA NARAYANA RAJU (17X41A04A2) under my guidance and supervision in partial fulfilment of the requirements for the award of the degree of Jawaharlal Nehru University, Kakinada during the academic year 2017-2021.

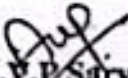
  
Mrs. CH.J.GAYATHRI  
(PROJECT GUIDE)

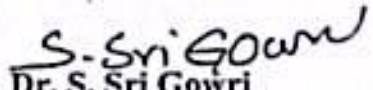
  
Dr. S. SRI GOWRI  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the Seminar entitled "A NOVEL TWO STEP STRATEGY BASED ON WHITE BALANCING AND FUSION FOR UNDERWATER IMAGE ENHANCEMENT" is a bonafide record of work carried out R. Padmasini (18X45A0406), Ch. Srivallisu (17X41A0473), Y. Brinda (17X41A04B2), M. Mahesh (17X41A0489) under my guidance and supervision in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Anaparthi.*

  
Mrs. A.V.P. Sarvari  
(PROJECT GUIDE)

  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the Project report entitled "HOME AUTOMATION USING NODE MCU(ESP8266) WITH GOOGLE HOME" is a bonafide record of work carried out by T. NAGASREE (17X41A04A4); A. SINDHURA (17X41A0467); M. SANJAY (17X41A0495); A. PHANI KUMAR (17X41A0466) under my guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in ELECTRONICS AND COMMUNICATION ENGINEERING of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.

*Ch*

Mr. CH. SIVA RAJESH M.Tech

(GUIDE)

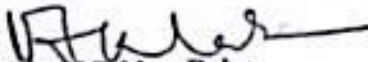
*S. Sri Gowri*  
Dr. S. SRI GOWRI


(HEAD OF THE DEPARTMENT)

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "EXUDATES DETECTION USING MORPHOLOGY MEAN SHIFT ALGORITHM IN RETINAL IMAGES" is a bonafide record of work carried out by B.MOUNIKA (17X41A0469), MD.ALIYA (17X41A0494), D.SNEHA (18X45A0413) and V.RAM SAI (17X41A04B0) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering* of *Jawaharlal Nehru Technological University, Kakinada*.

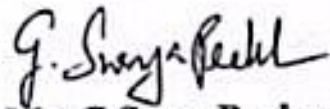
  
Mr. V. Sekhar Babu  
(PROJECT GUIDE)

  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOG  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "PAPR MITIGATION USING DIIT-  
PRECODED OFDM SYSYEM" is a bonafide record of work carried out by CH. SIVA  
NAGA LAKSHMI REVATHI (18X45A0412), K. DURGA BHAVANI (18X45A0419),  
CH. VENKATA SAI RAJESH (17X41A0471), P. MOHAN NAGA VENKAT SAI  
(17X41A04B4) under my guidance and supervision in partial fulfilment of the  
requirements for award of the degree of Bachelor of Technology in *Electronics and  
Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*



Mr. G. Surya Prakash  
(PROJECT GUIDE)



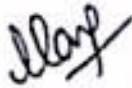
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)



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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "SOLAR TRACKING SYSTEM" is a bonafide record of work carried out by N. ANUSHA (18X45A0409), T. ANUSHA (18X45A0418), A. DIVYA (17X41A0462), P. ASHOK (17X41A04A3) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*



Mrs. T. Manogna

(PROJECT GUIDE)



Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)



PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "AIR POLLUTION MONITORING AND CONTROLLING FOR VEHICLES" is a bonafide record of work carried out by Ms. MAKARSHA (18X45A0410), Mr.G.ADITHYA SAMUEL (18X45A0411), Ms.B.HARI PRIYA (17X41A0470) and Mr.D.GOPI SATHVIK (17HP1A0440) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.

*S. Sri Gowri*  
Dr.S.Sri Gowri

(PROJECT GUIDE)

*S. Sri Gowri*  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the thesis entitled "PATIENT HEALTH MONITORING SYSTEM" submitted by A. Jnapika (17X41A0464), G. Vamsi Krishna (17X41A0476), D. Sanjay (17X41A0474) in partial fulfillment of the requirement of the award of the degree Bachelor of Technology in Electronics and Communications Engineering to S.R.K Institute of Technology, Vijayawada is a record of the candidate's own work carried out by them under my supervision. The matter embodied in this thesis is original and has not been submitted for the award of any degree in any other Institute or College.

Dr. B. Vanajakshi  
(PROJECT GUIDE)

*S. Sri Gowri*  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



SEC - A

---

**WOMEN EMPOWERMENT**

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**S.R.K INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA.**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "WOMEN EMPOWERMENT" is the bonafide work of B.AMULYA(19X41A0502),G. RAMYA(19X41A0526) , G. TEJASWINI (19X41A0527),G. HEMA SRI (19X41A0530), in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

  
(M.VENKATA LAKSHMI)


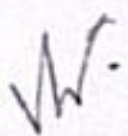
Signature of the Guide

  
(D.MADAVI)

Signature of the External Examiner

  
(Dr. D. HARITHA)

Signature of the HOD

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

# Stem Cell Research

S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## CERTIFICATE

This is to certify that this Socially Relevant project report entitled "Stem Cell Research" is the bonafide work of M.Jyothi pavan (19X41A0546), B.Tarun sai (19X41A0514), M.Bajesh (19X41A0541), Y.Mohan balaji (19X41A0564) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant project in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Radhika*  
(DR.A.RADIKA)

Signature of the Coordinator

*Madhavi*  
(D.MADHAVI)

Signature of the Coordinator

*Dr. D. Haritha*  
(Dr. D. HARTHHA)

Signature of the HOD

*V.H.*

*M. Lakshmi*  
PRINCIPAL

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ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA.

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

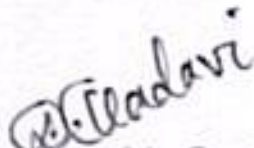


**CERTIFICATE**

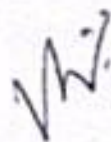
This is to certify that this Socially Relevant Project report entitled "LGBT (Lesbian, Gay, Bisexual and Transgender)" is the bonafide work of G.LIKHITHA (19X41A0528), K.BHAVYA SRI (19X41A0536), and M.GOWTHAMI (19X41A0544) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project in BACHELOR OF TECHNOLOGY during the academic year of 2020-2021. This work has carried out under our supervision and guidance.



*Signature of the Guide*



*Signature of the Coordinator*



*Signature of the HOD*



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ENIKEPADU, VIJAYAWADA

APRIL 2021

**S.R.K INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA.

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "CRIMES AGAINST WOMEN IN INDIA" is the bonafide work of B.PRAVALIKA (19X41A0510), D.DEEPIKA (19X41A0521), M.DURGA TEJASWI (19X41A0548), P.SOWMYA (19X41A0551), P.TANUJA (19X41A0554) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

*B. Srikanth*  
(Dr. B.Srikanth)

*Signature of the Guide*

*D. Madhavi*  
(D.Madhavi)

*Signature of the Coordinator*

*B. D. Haritha*  
(Dr.D.Haritha)

*Signature of the HOD*

*W.*

*[Signature]*  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

TELECOMMUNICATIONS IN RURAL AREAS

S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that this Socially Relevant project report entitled "TELECOMMUNICATONS IN RURAL AREAS" is the bonafide work of CHANDRIKA RANLG (19X41A0529), RAMA CHANDRIKA.K (19X41A0535), DIVYA.M (19X41A0545) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in Bachelor of Technology during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

(G.H. Ambedkar)  
Signature of the Guide

(D. Madhavi)  
Signature of the Coordinator

(Dr. D. Haritha)  
Signature of the HOD

  
Signature of the External Examiner

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**

**ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

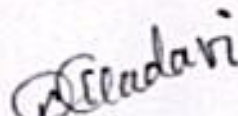


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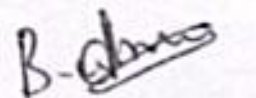
This is to certify that this Socially Relevant Project report entitled "CRIMINOLOGY" is the bonafide work of **B.DHANALAKSHMI (19X41A0509)**, **CH.V.S.KIRANMAI (19X41A0517)**, **M.V.PADMAVATHI (19X41A0540)**, **MLAKSHMIAMANI (19X41A0549)** in partial Fulfillment of the requirement for the completion of II B-TECH on Socially in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(M.V.Sumanth)

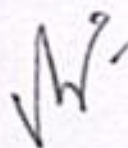
*Signature of the guide*


  
(D.Madhavi)

*Signature of the coordinator*

  
(Dr.D.Haritha)

*Signature of the HOD*



  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "Wireless Networks and Communication's " is the bonafide work of M.Sujatha (19X41A0539), K.Prathyusha Rani (19X41A0537), M.P.L Nandu (19X41A0543), P. Akhila (19X41A0552) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

*M. Naresh Babu*

(M.Naresh Babu)

*Signature of the Guide*

*D. Madhavi*

(D.Madhavi)

*Signature of the Coordinator*

*Dr. D. Haritha*

(Dr. D. Haritha)

*Signature of the HOD*

*W*

*Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

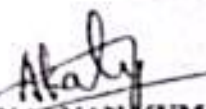
S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.

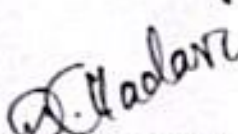
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



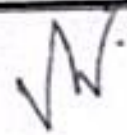
CERTIFICATE

This is to certify that this Socially Relevant project report entitled "facial recognition and gps tracker" is the bonafide work of B.NAGASOWMYA (19X41A0508), CHLNAGARJUNA (19X41A0515), CHLDUHITHA (19X41A0516), P.VANIDURGA (19X41A0553), V.UMADEVI (19X41A0561) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(A.KALYAN KUMAR)  
Signature of the Guide

  
(D.MADHAVI)  
Signature of the Coordinator

  
(Dr. D.HARITHA)  
Signature of the HOD





# POVERTY

**S.R.K INSTITUTE OF TECHNOLOGY**

ENIKEPADU,VIJAYAWADA.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

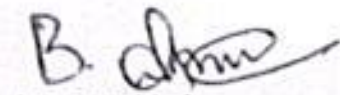


## CERTIFICATE

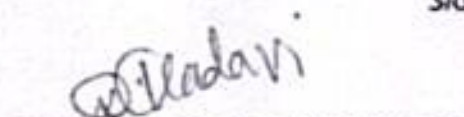
This is to certify that this Socially Relevant project report entitled "POVERTY" is the bonafide work of GARIKIPATI TIRUMALA VASU (19X41A0525), GUDURI NAVEEN CHOWDARI (19X41A0531), JADDA SRIKANTH (19X41A0533), YADALA PAVAN TEJA (19X410562) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

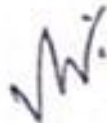
  
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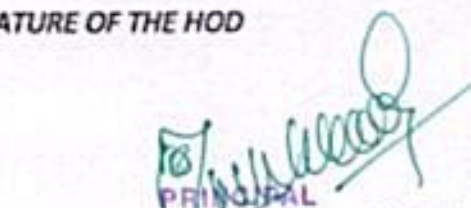
SIGNATURE OF THE GUIDE

  
(Dr.D.Haritha)

SIGNATURE OF THE HOD

  
SIGNATURE OF THE COORDINATOR



  
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RECYCLING OF PLASTIC

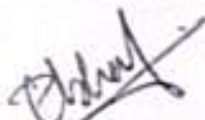
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ENIKEPADU, VIJAYAWADA.

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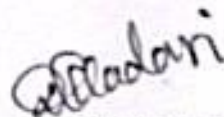


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This is to certify that this Socially Relevant project report entitled "RECYCLING OF PLASTIC" is the bonafide work of **B. PRASANTH** (19X41A0513), **G. BHANUPRAKASH** (19X41A0523), **J. YUGANDHAR** (19X41A0534), **B. RAMYARAJU** (19X41A0511), **CH. VAMSI BABU** (19X41A0518) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This work has carried out under our supervision and guidance.

  
(P. USHA SRI)

*Signature of the Guide*

  
(D.MADHAVI)

*Signature of the Coordinator*

  
(Dr. D.HARITHA)

*Signature of the HOD*

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SUICIDE PREVENTION

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This is to certify that this Socially Relevant project report entitled "SUICIDE PREVENTION" is the bonafide work of G.Radha Krishna (19X41A0524), Y.Lokesh Arjun (19X41A0563), Ch.Hemanth Sai (19X41A0519), L.Akhil (19X41A0532) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

*P. Bhagyalakshmi*  
(P. BHAGYA LAKSHMI)

*Signature of the Guide*

*B. D. Haritha*  
(Dr. D. HARITHA)

*Signature of the HOD*

*D. Madhavi*  
(D. MADHAVI)

*Signature of the Coordinator*

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*VW*

*[Signature]*

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## CYBER CRIME

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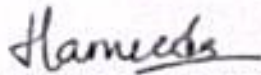
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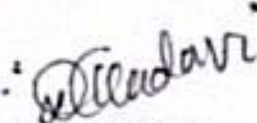


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This is to certify that this Socially Relevant project report entitled "CYBER CRIME " is the bonafide work of A.VINOOTHNA (19X41A0503), A.HEMA SRI (19X41A0504), B.HEMA DURGA (19X41A0506), D.TULASI PRIYA (19X41A0522) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

  
(HAMEEDA KHATOON)

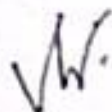
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(D.MADHAVI)

*Signature of the Coordinator*

  
(Dr. D.HARITHA)

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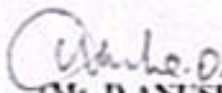
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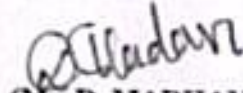


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This is to certify that this Socially Relevant project report entitled "COVID-19 HEALTH MONITORING SYSTEM" is the bonafide work of **A. SIRISHA (19X41A0501)**, **CH. DEVADATTA (19X41A0520)**, **M.GEETHIKA (19X41A0542)**, **REHANA ABDUL (19X41A0550)** in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(Ms. D. ANUSHA)

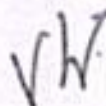
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(Ms. D. MADHAVI)

*Signature of the Guide Coordinator*

  
(Dr. D. HARITHA)

*Signature of the HOD*

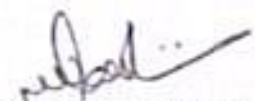


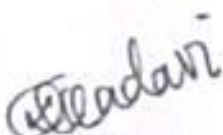
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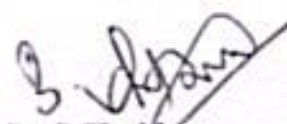


**CERTIFICATE**

This is to certify that the Socially Relevant project report entitled "WILD LIFE CONSERVATION" is a bonafide record of work carried out jointly by B.Sreya (19X41A0512), M.Pavani (19X41A0538), MD.Salma (19X41A0547), SK. Rihana (19X41A0558), under the guidance and supervision and is submitted in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY in Computer Science and Engineering for the academic year 2019-2020.

  
**M. Venkata Lakshmi**  
*Signature of the Guide*

  
**D. Madhavi**  
*Signature of the Coordinator*

  
**Dr. D. Haritha**  
*Signature of the HOD*



  
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BICYCLE SHARING SYSTEM

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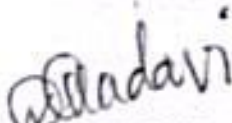
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This is to certify that this Socially Relevant project report entitled "BICYCLE SHARING SYSTEM" is the bonafide work of TOTA VENKATA SUDARSHAN RAO (19X41A0560), SHAIK FIROZ (19X41A0557), REPALLE BHARATH CHAITANYA (19X41A0556), NALLA VAMSI KRISHNA (19X41A0550), BANDARUAPLI SURYATEJA (19X41A0505) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(D.MADHAVI)


*Signature of the Guide & Coordinator*

  
(Dr. D.HARITHA)

*Signature of the HOD*

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This is to certify that this Socially Relevant project report entitled "WATER POLLUTION PREVENTION METHODS" is the bonafide work of DEEPU SAI VINAY.Y (19X41A0571), SRUJAN SAI .R (19X41A05A0), DHANA KUMAR.T (19X41A05B3), TARUN.V (19X41A05B8) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

**(Dr.B. ASHA LATHA)**

*Signature of the Guide*

**(D.MADAVI)**

*Signature of the Coordinator*

**(Dr. D.HARITHA)**

*Signature of the HOD*

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## SWACHH BHARAT ABHIYAN

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*Radha*  
(Dr.A.RADHIKA)  
*Signature of the guide*

*D. Madavi*  
(D.MADAVI)  
*Signature of the coordinator*

*Dr. D. Haritha*  
(Dr.D.HARITHA)  
*Signature of the HOD*

*V.N.*

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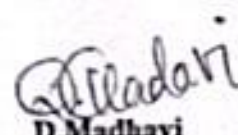
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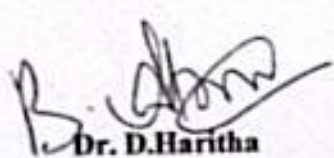



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This is to certify that this Socially Relevant project report entitled "TRAFFIC MONITORING" is the Bonafide work of B.ABHINASH (19X41A0572), A. BHARGAV TEJA (19X41A0566), K.SAI SAMPATH (19X41A0580), P.SANDEEP (19X41A0596) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in Bachelor of Technology during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
Dr.N.Neelima Priyanka  
Signature of the Guide

  
D.Madhavi  
Signature of the Coordinator

  
Dr. D.Haritha  
Signature of the HOD

  
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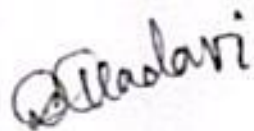
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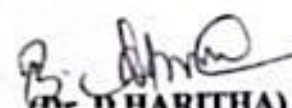


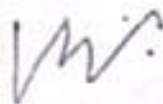
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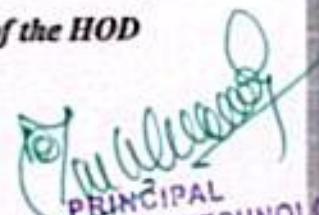
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(Dr. B. SRIKANTH)  
*Signature of the Guide*

  
(D.MADAVI)  
*Signature of the Coordinator*

  
(Dr. D.HARITHA)  
*Signature of the HOD*



  
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ELECTRICITY CONSERVATION

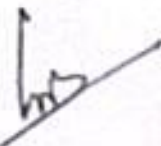
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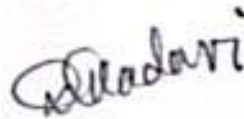
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This is to certify that this Socially Relevant project report entitled "ELECTRICITY CONSERVATION" is the Bonafide work of K.DIVYA (19X41A0581), K.BHARGVI (19X41A0584), S.DHARANI (19X41A05B1), B.SIRISHA (20X45A0509) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in Bachelor of Technology during the academic year 2020-2021. This Work has carried out under our supervision and guidance.



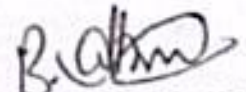
CH.LAMBEDKAR

*Signature of the guide*



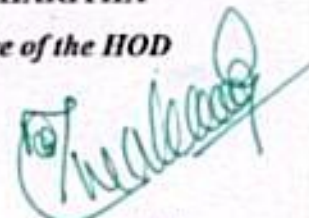
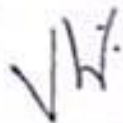
D.MADAVI

*Signature of the coordinator*



Dr.D.HARITHA

*Signature of the HOD*



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AIR POLLUTION

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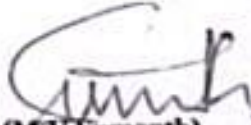
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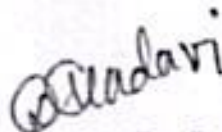


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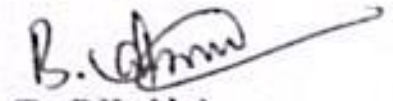
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(M.V.Sumanth)

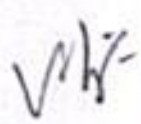
Signature of the Guide

  
(D.Madhavi)

Signature of the Coordinator

  
(Dr. D.Haritha)

Signature of the HOD



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This is to certify that this Socially Relevant project report entitled "E-policing and Cyber Solutions" is the bonafide work of J VENKAT (19X41A0577), Y SAI SATYANATH (19X41A05C0), P KARTHIK (20X45A0501), A KETHAN (20X45A0508) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

*M. Nareesh Babu*  
(M. NARESH BABU)

*Signature of the Guide*

*B. D. Haritha*  
(Dr. D. Haritha)

*Signature of the HOD*

*D. Madhavi*  
(D. MADHAVI)

*Signature of the coordinator*

*V.R.*

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*[Signature]*  
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## WATER CONSERVATION

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This is to certify that this Socially Relevant project report entitled "WATER CONSERVATION" is the bonafide work of V.Chaitanya Sai (19X41A05B7) Suhana Khan(19X41A05B0), Sana Kauser(19X41A05A2), Reshma Shaik(19X41A05A8), Shaik Aamir Faiz(19X41A05A5), in partial fulfillment of the requirements for the completion of Socially Relevant Project work of II CSE B during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*A. Kalyan Kumar*  
(Mr. A.KALYAN KUMAR)

*Signature of the guide*

*D. Madavi*  
(D.MADAVI)

*Signature of the coordinator*

*B. D. Haritha*  
(Dr.D.HARITHA)

*Signature of the HOD*

*V.Ch*

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*[Signature]*  
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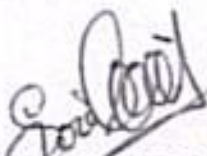
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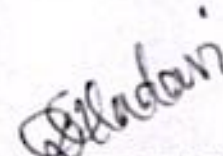
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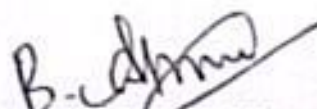


**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "SOIL POLLUTION" is the bona fide work of B.JYOTHI (19X41A0568), M.SATYAVANI (19X41A0587), P.YOSHITHA (19X41A0597), K.MANJUSRI (19X41A0579) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(K.SRI LAKSHMI)  
*Signature of the Guide*

  
(D.MADHAVI)  
*Signature of the Coordinator*

  
(Dr. D.HARITHA)  
*Signature of the HOD*



THERMAL POLLUTION

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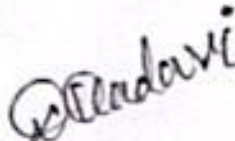
**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "Thermal Pollution" is the bonafide work of S. YOGENDRA (19X41A05A4), M. PRIYA (19X41A0589), R.HEMANTH (19X41A0598), G.ABHILASH (19X41A0574) in partial fulfillment of the requirements for the completion of II B.Tech on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This work has carried out under our supervision and guidance.



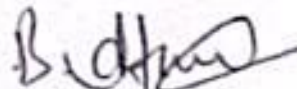
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*Signature of Guide*



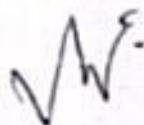
(D.MADHAVI)

*Signature of the Coordinator*



(Dr. D.HARITHA)

*Signature of the HOD*



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**Sound Pollution**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "**Sound Pollution**" Is the bonafide work of **SK. NAGOOR NAYUM (19X41A05A7), G. RAJESH (19X41A0575), P. SAI TARUN (19X41A0594), T. NARESH (19X41A05B4)** in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in **BACHELOR OF TECHNOLOGY** during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*P. Bhagyalakshmi*  
**(P. BHAGYA LAKSHMI)**

*Signature of the Guide*

*B. D. Haritha*  
**(Dr. D. HARITHA)**

*Signature of the HOD*

*D. Madhavi*  
**(D.MADHAVI)**

*Signature of the coordinator*

*V. V. V.*

*[Signature]*  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**

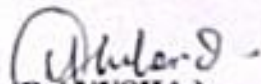
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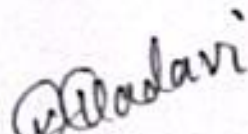


**CERTIFICATE**


This is to certify that this Socially Relevant project report entitled "**PREVENTION OF PLASTIC POLLUTION**" is the bonafide work of **RAJASEKHAR.V (19X41A05B6), NAVEEN SAI KUMAR.M (19X41A0590), JOSH BABU.V (19X41A05B9), RAJESH.L (20X41A0504)** in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in **BACHELOR OF TECHNOLOGY** during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(D.ANUSHA)

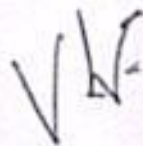
Signature of the Guide

  
(D.Madhavi)

Signature of the coordinator

  
(Dr. D.HARITHA)

Signature of the HOD



  
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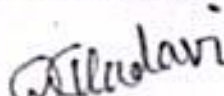


**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "SAVING ELECTRICITY" is the bonafide work of KS.AKAILESH(19X41A0585),N.SWATHIK(19X41A0593),G.PAVAN(19X41A0573),B.RAVI CHANDU(19X41A0570) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(A.KALAYAN KUMAR)

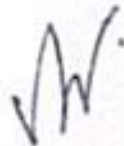
*Signature of the Guide*

  
(D.Madhavi)

*Signature of the Coordinator*

  
(Dr. D.HARITHA)

*Signature of the HOD*



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**SAVING ELECTRICITY**

  
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ENIKEPADU, VIJAYAWADA

ACCIDENT DETECTION

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This is to certify that this Socially Relevant project report entitled "ACCIDENT DETECTION" is the bonafide work of A.SAI DEEPAK (19X41A0567), K.HARIKA (19X41A0583), M.GHANA SYAMALA (19X41A0588), MD.FEROZ (19X41A0591) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has been carried out under our supervision and guidance.

*D. Madavi*  
(D.MADAVI)

*Signature of the Guide & Coordinator*

*Dr. D. Haritha*  
(Dr. D.HARITHA)

*Signature of the HOD*

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FLOOD DISASTERS

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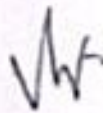


CERTIFICATE

This is to certify that this Socially Relevant project report entitled "FLOOD DISASTERS" is the bonafide work of K.PAVAN KUMAR (19X41A0578), S.PRASANNAKUMAR (19X41A05A1), SK.MAHAMMAD RAFI (19X41A05A6), T.PAVANI(20X41A0506) in partial fulfillment of the requirements for the completion of II BTECH on Socially Relevant Project work in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(D.MADHAVI)

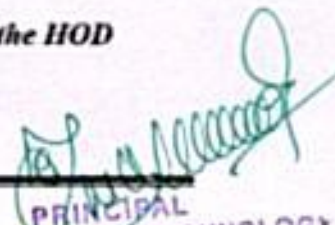
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(Dr. D.HARITHA)

*Signature of the HOD*

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This is to certify that this project report entitled "Intelligent Video Surveillance" is the Bonafide work done by Ms.R Supriya (17X41A0546), Ms.Y NavyaSri (17X41A0560), Mr.B Narasimha Murthy (17X41A0508) and Mr.G SaiKiran (18X45A0509) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 20-2021. This Work has carried out under our Supervision and Guidance.

  
(K. Sri Lakshmi)

*Signature of the Guide*

  
(Dr. D. Haritha)

*Signature of the HOD*

*(Signature of External Examiner)*

  
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This is to certify that this project report entitled " **COMPLAINT MANAGEMENT SYSTEM** " is the bonafide work of Ms. SK JEHARABI (17X41A0548) , Ms. A TARUNI RENUKA (17X41A0501) , Mr. T DILEEP SAI CHARAN (17X41A0557) and Mr. B SHYAM MAHINDRA (17X41A0509) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Dr. D. Haritha*  
(Dr. D. Haritha)

*Signature of the Guide*

*Dr. D. Haritha*  
(Dr. D. Haritha)

*Signature of the HOD*

Signature of the External Examiner

*[Handwritten Signature]*

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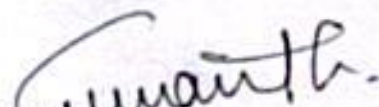
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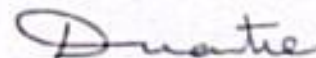


### CERTIFICATE

This is to certify that this project report entitled "SENTIMENT ANALYSIS USING DEEP LEARNING" is the bonafide work of Ms K.SRI RAMYA (17X41A0528), Mr K.SIVA SAI BABU(17X41A0527), Ms J.DURGA RANI(17X41A0522), and Ms P.GAYATHRI (17X41A0538) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(M.V. Sumanth)

*Signature of the Guide*

  
(Dr. D. Haritha)

*Signature of the HOD*

*Signature of the External Examiner*



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This is to certify that this project reported entitled "NEURAL VOICE CLONING" is the bonafide work of Ms. Ch. Divya Vani (17X41A0511), Mr. Sai Krishna Ambati(17X41A0505), Ms. D. Jyoshtna (17X41A0515), and Mr. Ch. Hari Vamsi (17X41A0513) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This work has carried out under our supervision and guidance.

*P. Bhagya Lakshmi*  
(P. Bhagya Lakshmi)

*Signature of the Guide*

*Dr. D. Haritha*  
(Dr. D. Haritha)

*Signature of the HOD*

*Signature of the External Examiner*

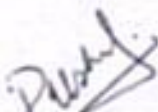
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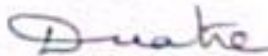


CERTIFICATE

This is to certify that this project report entitled "FAULT COVERAGE IN ONLINE SHOPPING ZONE" is the bonafide work of Ms. R.SAI KRISHNA PHANI (17X41A0542), Ms. P.LIKHITA (17X41A0540), Ms. L.DURGA BHAVANI(18X45A0504), and Ms. K.SAI SIRISHA(18X45A0505) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(P. USHA SRI)

Signature of the Guide

  
(Dr. D. Haritha)

Signature of the HOD

Signature of the External Examiner

  
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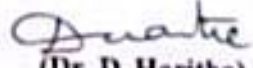
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**CERTIFICATE**

This is to certify that this project report entitled "COLLEGE CHAT BOT ENQUIRY" is the bonafide work of Ms.N.MANVITHA (17X41A0533), Ms.A.HEMA BHARGAVI (17X41A0502), Mr.K.JAYANTH KUMAR (17X41A0524) and Mr.T.VENAKATESWARA RAO (17X41A0556) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(Dr. B. ASHALATHA)  
*Signature of the Guide*

  
(Dr. D. Haritha)  
*Signature of the HOD*

  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that this project report entitled "HAND GESTURE RECOGNITION USING DEEP LEARNING" is the bonafide work of Ms. NAFEESA KOUSER (17X41A0532), Mr. SHAIK SAZID (17X41A0550), Ms. LANKE MANOHARI (17X41A0530), and Ms. KANKIPATI MOUNIKA (16X41A0579) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*B. Srikanth*  
(Dr. B. Srikanth)

*Signature of the Guide*

*Dr. D. Haritha*  
(Dr. D. Haritha)

*Signature of the HOD*

Signature of the External Examiner

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*M. N. S. Prasad*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

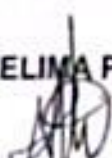
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



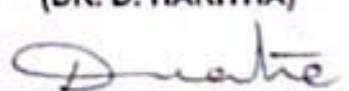
**CERTIFICATE**

This is to certify that this project report entitled "FOREST FIRE DETECTION" is the bonafide work of Ms. T.V.N.C NIKHITA(17X41A0553), MR. K. RAHUL CHANDRA(17X41A0523), MS. K. SAI SRIYA(17X41A0526), MR. I. DEEP HEMANTH(17X41A0521) in partial fulfilment of the requirements for the award of the graduate degree in **BACHELOR OF TECHNOLOGY** during the academic year 2020-2021. This Work has carried out under our supervision and guidance.


(N. NEELIMA PRIYANKA)

  
Signature of the Guide

(DR. D. HARITHA)

  
Signature of the HOD

Signature of the External Examiner

  
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**CERTIFICATE**

This is to certify that this project report entitled "IMAGE REGENERATION USING CNN" is the bonafide work of Ms.G.Sowmya Sree Devi(17X41A0520) , Mr.A.Taraka Rama (18X45A0507), Mr.K.Venu Gopala Swamy(18X45A0508), Mr.G.Sai Kiran(17X41A0518) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academics 2020-2021. This Work has been carried out under our supervision and guidance.

*M. Naresh Babu*  
**Signature of the Guide**  
**(Mr.M.Naresh Babu)**

*Dr. D. Haritha*  
**Signature of the HOD**  
**(Dr.D.Haritha)**

**Signature of the External Examiner**

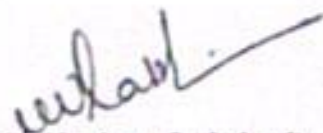
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**SRK INSTITUTE OF TECHNOLOGY**  
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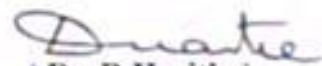


### CERTIFICATE

This is to certify that this project report entitled "SMART TRAFFIC LIGHT CONTROL SYSTEM" is the bonafide work of Ms. D.SAI JAHNAVI (17X41A0514), Ms. V.ANITHA ( 18X41A0501), Ms P. APARNA (17X41A0537), and Mr K.SRI HARI (17X41A0525) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(Mrs Venkata Lakshmi)

Signature of the Guide

  
( Dr .D.Haritha)

Signature of the HOD

Signature of the External Examiner



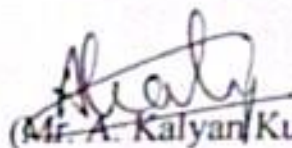
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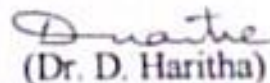


### CERTIFICATE

This is to certify that the project report entitled "CANTEEN MAINTENANCE USING AI" submitted by G.P.V.S Shivani, S.A Kabir Rifae, S. Sai Sony, V.Yashwanth in partial fulfilment of the requirement for the award of the Degree of Bachelor of Computer Science in Department of COMPUTER OF TECHNOLOGY IN SCIENCE AND ENGINEERING, SRK INSTITUTE OF TECHNOLOGY, Enikepadu, Vijayawada is a Bonafede record of work carried out by him under my guidance and supervision during the year 2020-2021.

  
(Mr. A. Kalyan Kumar)

Signature of the Guide

  
(Dr. D. Haritha)

Signature of the HOD

Signature of the External Examiner



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ENIKEPADU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA.

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**CERTIFICATE**

This is to certify that this project report entitled " **MOTORCYCLE SAFETY HELMET DETECTION FROM THE TWO WHEELER MOTORCYCLIST** " is the bonafide work of Ms. **Mansi (17X41A0534)**, Ms. **G.L.Krishna Sree (17X41A0519)**, Mr. **O** **in (17X41A0535)** and Mr. **T.Vinay Paul (17X41A0555)** in partial **the requirements for the award of the graduate degree in BACHELOR OF** **GY** during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Radhika*

(Dr. A.Radhika)

*Signature of the Guide*

*Dhanu*

(Dr. D. Haritha)

*Signature of the HOD*

*Signature of the External Examiner*

*Principals*

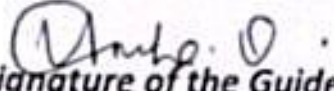
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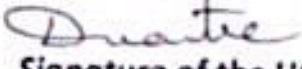


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


CERTIFICATE

This is to certify that this project report entitled "CRIMINAL FACE IDENTIFICATION SYSTEM" is the bonafide work of Mr.R.Jagadeeswar(17X41A0544), Mr.S.Naveen Sai (17X41A0551), Mr.R.Raja Sekhar(17X41A0545), Mr.P.Naveen(17X41A0541), Ms.M.Baby Abhinayana(17X41A0531) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academics 2020-2021. This work has carried out under our supervision and guidance.

  
*Signature of the Guide*  
(Mrs. D ANUSHA)

  
*Signature of the HOD*  
(Dr.D.Haritha)

Signature of the External Examiner

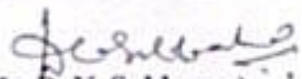
  
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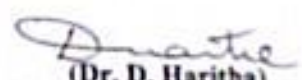


CERTIFICATE

This is to certify that the project report entitled "SOCIAL DISTANCING DETECTOR USING YOLOv3 AND OPENCV" is the bonafide work of Mr. R. NAGA LEELA KRISHNA (17X41A0543), Ms. V. CHANDRALEKHA (17X41A0559), Mr. CH. RAMAGOPI (17X41A0512) and Mr. B. BALRAM (17X41A0507) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(Mr. D. V. Subbarao)

Signature of the Guide

  
(Dr. D. Haritha)

Signature of the HOD

Signature of the External Examiner



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ENIKEPADU, VIJAYAWADA  
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**CERTIFICATE**

This is to certify that this project report entitled "PLANT DISEASE DETECTION USING DEEP LEARNING" is the bona fide work of KANAKA DURGA P (17X41A0539), HARIKA A (17X41A0504), VINEELA G (17X41A0517), RAJESWARI R (18X45A0506), NAGA VENKATESH O (17X41A0536) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

Hameeda Khatoon  
9.8.21  
(Ms. Hameeda Khatoon)

*Signature of the Guide*

Dr. D. Haritha  
(Dr. D. Haritha)

*Signature of the HOD*

**Signature of the External Examiner**

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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

COVID PREDICTION FROM CHEST X-RAYS AND CT SCANS

S.R.K INSTITUTE OF TECHNOLOGY

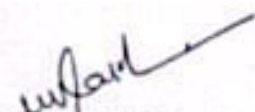
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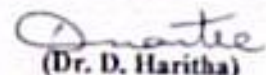
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CERTIFICATE


This is to certify that this project report entitled "COVID PREDICTION FROM CHEST X-RAYS AND CT SCANS" is the bonafide work of Ms. M. KRISHNA PRANATHI (17X41A0593), Ms. G. KRIANMAI (17X41A0579) Ms. T. PRASANNA PRIYANKA (18X45A0515), Mr. G.MANISWAR (17X41A0476) partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(M. Venkata Lakshmi)  
Signature of the Guide

  
(Dr. D. Haritha)  
Signature of the HOD

Signature of the External Examiner

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This is to certify that this project report entitled "AUTOMATIC WASTE SEGREGATION" is the bonafide work of Ms. S. Krishna Sri (17X41A05A9), Ms. N. Kavya Sri (17X41A0599), Mr. K. Babu Rao (17X41A0599), Mr. Sk. Nazzer (18X45A0513) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academics 2020-2021. This Work has carried out under our supervision and guidance.

*Radhika*  
Signature of the Guide  
(Dr. A. Radhika)

*Dr. D. Haritha*  
Signature of the HOD  
(Dr. D. Haritha)

Signature of the External Examiner

*[Signature]*

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ENIKERAPU, VIJAYAWADA

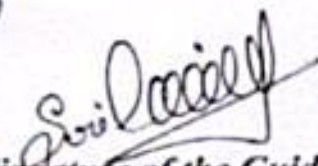
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### CERTIFICATE

This is to certify that this project report entitled "MUSIC GENRE CLASSIFICATION USING CNN" is the bonafide work of Ms. M. N. V. Sai Mounika(17X41A0595), Ms. S. Dimple (17HP1A0569), Mr.P.Jagadish Kumar(17X41A05A1), Mr.K.Naga Sai Naveen (17X41A0589) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academics 2020-2021. This Work has carried out under our supervision and guidance.

  
*Signature of the Guide*  
(K. Sri Lakshmi)

  
*Signature of the HOD*  
(Dr. D. Haritha)

Signature of the External Examiner

  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



(AFFILIATED TO JNTU,KAKINADA)

Enikepadu, Vijayawada-521108

2020-2021

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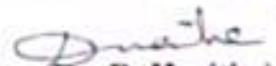


**CERTIFICATE**

This is to certify that the project report entitled "PEDIATRIC BACTERIAL,VIRAL& COVID-19 PNEUMONIA DETECTION FROM CHEST X-RAY IMAGES" is the bonafide work of Ms. A. CHAITANYA (17X41A0567), Ms. N. RAMYA SRI (17X41A0596), MS. Md. RAKHIYA SULTANA (17X41A0594) and Mr. R. GURU AJAY (17X41A05A7) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2010-2021. This Work has carried out under our supervision and guidance.

  
(Dr. B. Asha Latha)

Signature of the Guide

  
(Dr. D. Haritha)

Signature of the HOD

Signature of the External Examiner

  
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ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**

ENIKEPADU, VIJAYAWADA, KRISHNA

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**CERTIFICATE**

This is to certify that this project report entitled  
"SENSING CORONA VIRUS USING EFFICIENT NET MODEL FROM CT SCANS "

is the Bonafide work done by

**Ms.B. Grace Gladys Nancy (17X41A0566), Mr. B. Jaswanth (17X41A0565),**

**Mr.N.Swaroop (17X41A0597) and Mr.T.V.L.VaraPrasad(18X45A0510) in**

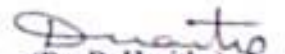
partial fulfillment of the requirements for the award of the graduate degree in

**BACHELOR OF TECHNOLOGY** during the academic year 2017-2021. This

Work has carried out under our supervision and guidance.

  
(Dr.D.Haritha)

Signature of the Guide

  
(Dr. D. Haritha)

Signature of the HOD

(Signature of External examiner)



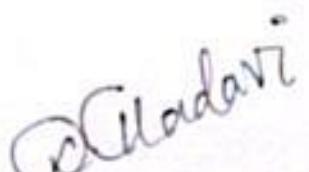
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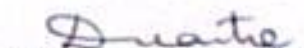


CERTIFICATE

This is to certify that this project report entitled "SMART ATTENDANCE SYSTEM BASED ON FACE RECOGNITION" is the bonafide work of Ms. M. REETHIKA (17X41A05A8), Ms. K. POOJA SRI (17X41A0584), Ms. S. SAI KEERTHANA (17X41A05B2), and Mr. P. Sasikanth (17X41A05A2) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
Signature of the Guide

Ms. D. Madhavi

  
Signature of the HOD

Dr. D Haritha

Signature of the External Examiner

  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

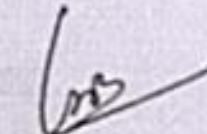
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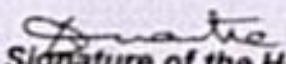


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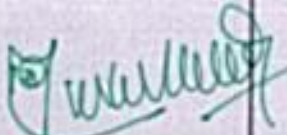
### CERTIFICATE

This is to certify that this project report entitled "Covid Rules Violation Identification" is the bonafide work of Ms.G.Kinnera (17X41A0575), Mr.U.Venu Gopal (17X41A05B4), Mr.K.Ajay Kumar (17X41A0585), Mr.G.Teja Chowdary (17X41A0577) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academics 2020-2021. This Work has carried out under our supervision and guidance.

  
Signature of the Guide  
(Ch.Ambedkar)

  
Signature of the HOD  
(Dr.D.Haritha)

Signature of the External Examiner

  
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ENIKEPADU, VIJAYAWADA.

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**CERTIFICATE**

This is to certify that this project report entitled "APPLICATION OF MACHINE LEARNING IN CUSTOMER SEGMENTATION USING ARTIFICIAL NEURAL NETWORKS" is the bonafide work of Ms.B.BHUVANA(17X41A0563),Ms.D.AKHILA(17X41A0571),Ms.CHANU SHA(17X41A0569)andMs.T.LAKSHMI BHASKARI(17X41A05B3) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Hameeda Khatoon*  
9.3.21  
(Hameeda khatoon)  
Signature of the Guide

*Dr. D. Haritha*  
(Dr. D. Haritha)  
Signature of the HOD

Signature of the External Examiner

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*[Signature]*  
PRINCIPAL

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EXAMINATION DEPARTMENT AUTOMATION

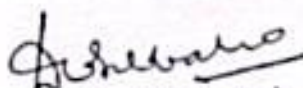
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ENIKEPADU, VIJAYAWADA.

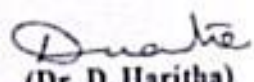
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**CERTIFICATE**

This is to certify that this project report entitled "EXAMINATION DEPARTMENT AUTOMATION" is the bonafide work of Mr. K. HARI KRISHNA(18X45A0511), Mr.G.BHARADWAJ (17X41A0578), Mr. G.BHANU PRASAD(17X41A0573) and Mr. B.TEJA(17X41A0564) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(D.V.Subba Rao)  
*Signature of the Guide*

  
(Dr. D. Haritha)  
*Signature of the HOD*

*Signature of the External Examiner*

  
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**CERTIFICATE**

This is to certify that this project report entitled **-MALICIOUS URLs DETECTION USING MACHINE LEARNINGI** is the bonafide work of **GUTTIKONDA MANOJ (17X41A0581)**, **NANDINI MUKKAVALLI (18X45A0517)**, **DONDAPATI SATISH BABU (17X41A0570)**, **ANNABATHULA SAI LAKSHMAN (17X41A0562)** in partial fulfillment of the requirements for the award of the graduate degree in **BACHELOR OF TECHNOLOGY** during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*P. Bhagyalakshmi*  
(P. Bhagya Lakshmi)  
Signature of the Guide

*Dr. D. Haritha*  
(Dr. D. Haritha)  
Signature of the HOD

*[Signature]*  
Signature of the External Examiner

*[Signature]*  
PRINCIPAL

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ENIKEPADU, VIJAYAWADA, KRISHNA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING.



CERTIFICATE

This is to certify that this project report entitled  
"OBJECT DETECTION USING TRANSFORMERS" is the Bonafide work done by  
Ms.A. Supriya (172W1A0501), Ms. A. Bindu Priya (17X41A0561),  
Mr.E.Sai Teja (18X45A0516) and Ms.CH.Mounika (17X41A0568) in  
partial fulfillment of the requirements for the award of the graduate degree in  
BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This  
Work has carried out under our supervision and guidance.

*m. naresh babu*  
(Mr.M.Naresh Babu)  
Signature of the Guide

*Dr. D. Haritha*  
(Dr. D. Haritha)  
Signature of the HOD

(Signature of Externalexaminer)

*Dr. D. Haritha*  
PRINCIPAL  
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This is to certify that this project report entitled "SKIN LESION CLASSIFICATION TOWARDS MELANOMA DETECTION" is the bonafide work of Ms. P.Rani (17X41A05A0), Ms. K. Pavani (17X41A0587), Ms. Priyanka Singh (17X41A05A4), Ms. P. Gamani (17X41A05A5) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academics 2020-2021. This Work has carried out under our supervision and guidance.

*B. Srikanth*  
(Dr.B.Srikanth)

*Signature of the Guide*

*Dr.D.Haritha*  
(Dr.D.Haritha)

*Signature of the HOD*

*Signature of the External Examiner*

*Principal*  
PRINCIPAL

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**ENIKEPADU,VIJAYAWADA – 521108.**

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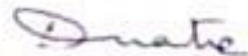
**CERTIFICATE**

This is to certify that this project report entitled "AUTOMATIC TIMETABLE GENERATION USING ARTIFICIAL INTELLIGENCE" is the bonafide work of Ms.K.Jeevitha(17X41A0588),Ms.Sk.ShahinTaj(17X41A05B1), Mr.E.Venkateswara Rao (17X41A0572) and Mr. K.Lakshman(17X41A0586) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.



**Dr.N.Neelima Priyanka**

*Signature of the Guide*



**Dr. D.Haritha**

*Signature of the HOD*

Signature of the External Examiner



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**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**

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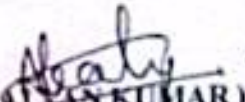
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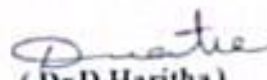


**CERTIFICATE**

This is to certify that the project report entitled "FAKE NEWS DETECTION USING CONTENT BASED LANGUAGE" is a bonafide record of work carried out by SK.SHAHEENA (17X41A05B0), D.KRISHNA SINGH (17X41A0592), V.VAMSI PRIYA(18X45A0518), J. UMAKANTH(17X41A0582) under my guidance and supervision in partial fulfilment of the requirements for award of the degree of bachelor of technology during the academic year 2020-2021 in Computer Science Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
(A.KALYAN KUMAR)

*Signature of the Guide.*

  
(Dr.D.Haritha)

*Signature of the HOD.*

*Signature of the External Examiner.*

  
PRINCIPAL

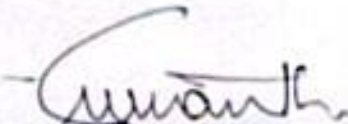
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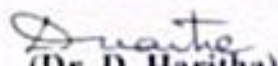
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DEPARTMENT OF COMPUTER SCIENCE**




**CERTIFICATE**

This is to certify that this project report entitled- **DEEP LEARNING BASED FAKE NEWS DETECTION** is the bonafide work of **Ms.K.CHANDRA HARSHITHA (17X41A0590), Ms.G.AKSHILA (17X41A0580), Ms. G AMANI (17X41A0574), Ms. R AKSHAYA KEERTHI(17X41A05A6)**, in the partial fulfilment of the requirements for the award of the graduate degree in **BACHELOR OF TECHNOLOGY** during the academic year 2020-2021. This Work has been carried out under our supervision and guidance.

  
**(Mr. M.V. Sumanth)**  
*Signature of the Guide*

  
**(Dr. D. Haritha)**  
*Signature of the HOD*

*Signature of the External Examiner*

  
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ENIKEPADU, VIJAYAWADA.

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This is to certify that this Socially Relevant project report entitle "WATERCONSERVATION" is the Bonafede work of

**A.Vaseem Akram** 19X41A1201


**A.S.Anjali** 19X41A1202

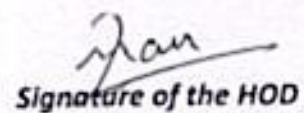
**A.Hemanth** 19X41A1203

**A.Jhansi** 19X41A1204

**B.Pradeep Kumar** 19X41A1205

in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

  
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Signature of the HOD

  
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This is to certify that this Socially Relevant project report entitled "SOLAR PANEL UTILIZATION" is the Bonafede work of B.prasanth(19X41A1206), b.reshma(19X41A1207), b.lohitha(19X41A1208), b.venkateswara rao(19X41A1209), ch.venkata naveen(19X41A1210) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Signature of the Guide*

*Signature of the HOD*

*Signature of the Principal*  
PRINCIPAL  
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ENIKEPADU, VIJAYAWADA

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This is to certify that this Socially Relevant project report entitled "HELPING POLICE" is the Bonafide work of

C.Kokila	19X41A1211
P.Chiranjeevi	19X41A1212
C.Karthik	19X41A1213
D.Harika	19X41A1214
D.Gayathri	19X41A1215

In partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance

Signature of the Guide

Signature of the HOD

  
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ENIKEPADU, VIJAYAWADA

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ENIKPADU, VIJAYAWADA.

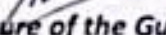
DEPARTMENT OF INFORMATION  
TECHNOLOGY

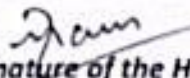



CERTIFICATE

This is to certify that this Socially Relevant project report entitled "TRAFFIC MONITORING" is the Bonafede work of 19X41A1216(BHARATH), 19X41A1217(RAKESH), 19X41A1218(BHARGAVI)

19X41A1219(YOGIBABU), 19X41A1220(SANIAY) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
Signature of the Guide

  
Signature of the HOD

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKPADU, VIJAYAWADA



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**ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF INFORMATION AND  
TECHNOLOGY**



**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "TEACHING RURAL KIDS" is the Bonafide work of

<b>G. Lakshmi vyshnavi</b>	<b>19X41A1221</b>
<b>J. Krishnapriya</b>	<b>19X41A1222</b>
<b>K. Manideep</b>	<b>19X41A1223</b>
<b>K. Jayanth babu</b>	<b>19X41A1224</b>
<b>K. Sai kumar</b>	<b>19X41A1225</b>

In partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance

Signature of the Guide

Signature of the HOD

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA.

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CERTIFICATE

This is to certify that this Socially Relevant project report entitled "**STREET LIGHT MONITORING**" is the Bonafede work(19X41A1226)K.Rakesh,(19X41A1227) KNS .Mouniswari,(19X41A1228)K.Mani Chandana,(19X41A1229) K.Yamini Roy,(19X41A1230) L.Nani

in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Signature of the Guide*

*Signature of the HOD*

*Signature of the Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA.

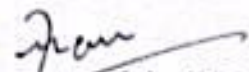
DEPARTMENT OF INFORMATION TECHNOLOGY




**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "ELECTRICITY CONSERVATION" is the Bonafied work of 19X41A1231, 19X41A 1232, 19X41A1233, 19X41A1234, 19X41A1235 in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
Signature of the Guide

  
Signature of the HOD

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

SOLAR PANEL UTILIZATION

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S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.

DEPARTMENT OF INFORMATION AND  
TECHNOLOGY



CERTIFICATE

This is to certify that this Socially Relevant project report entitled "SOLAR PANEL UTILIZATION" is the Bonafide work of N. CHANDANVESH (19X41A1236), V.ANUSHA(19X41A1238),P.ABHINAY(19X41A1239),P.GEETHIKA(19X41A1240),P.VARUN(19X41A1241) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Signature of the Guide*

*Signature of the HOD*

*Signature of the Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF INFORMATION  
AND TECHNOLOGY**



**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "HELPING POLICE" is the Bonafede work of

**P.Kesava**                      **19X41A1242**

**Y. Harshitha Chowdary**   **19X41A1243**

**P. Harshitha Reddy**        **19X41A1244**

**R. Geethika**                 **19X41A1245**

**G. Sai Tejasri**              **19X41A1246**

in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Signature of the Guide*

*Signature of the HOD*

*Signature of the Principal*  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**

S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.

DEPARTMENT OF INFORMATION  
TECHNOLOGY



CERTIFICATE

This is to certify that this Socially Relevant project report entitled "**AIR POLLUTION CONTROL**" is the Bonafede work S.Preetham(19X41A1247) ,P.Satya Prathyusha(19X41A1248) ,SK.Sameer(19X41A1249) ,S.Lahari(19X41A1250) ,T.Ayyappa(19X41A1251) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Signature of the Guide*

*Signature of the HOD*

*Signature of the Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF INFORMATION AND TECHNOLOGY**



**CERTIFICATE**

This is to certify that this Socially Relevant project report entitled "NETWORK ISSUES ON TELECOMMUNICATION" is the Bonafide work of

T.Sahithi	19X41A1252
T.Divya	19X41A1253
U.Harsha Vardhan	19X41A1254
V.Aravind babu	19X41A1255
V.Harisha	19X41A1256

In partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2019-2020. This Work has carried out under our supervision and guidance.

Signature of the Guide

Signature of the HOD

Signature of the External Examiner

PRINCIPAL

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

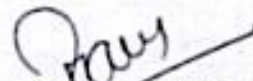


**BONAFIED CERTIFICATE**

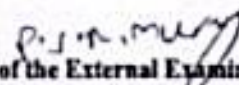
This is to certify that the project entitled " Real-Time Social Distance through Human Detection using Machine Learning Techniques for Covid-19 " is the bonafied work of Ms. Farheen Begum (17X41A1213), Ms. B.Harika (17X41A1206), Mr. B.Karthik(17X41A1204), Ms. K.Navya (17X41A1219) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, **BACHELOR OF TECHNOLOGY** in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mr G.D.K Kishore

(Project Guide)

  
Mr M. Ram Bhupal

(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA




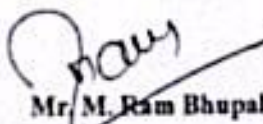
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**ENIKEPADU, VIJAYAWADA**  
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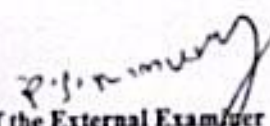


**BONAFIED CERTIFICATE**

This is to certify that the project entitled "PRODUCT REVIEW MONITORING SYSTEM USING MACHINE LEARNING" is the bonafied work of Ms. K.Neelima (17X41A1215), Ms. B.Bhuvanewari (17X41A1208), Ms.CH.Sowmya (17X41A1211), Mr.T.Murali Krishna (17X41A1245) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, **BACHELOR OF TECHNOLOGY** in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mrs. Amritha Mishra  
(Project Guide)

  
Mr. M. Ram Bhupal  
(Head of the Department)

  
Signature of the External Examiner

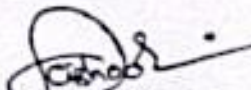
  
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ENIKEPADU, VIJAYAWADA

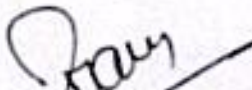
**SRK INSTITUTE OF TECHNOLOGY**  
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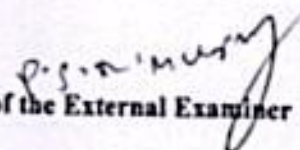


**BONAFIED CERTIFICATE**

This is to certify that the project entitled "OBJECT DETECTION AND CLASSIFICATION USING DEEP LEARNING TECHNOLOGY" is the bonafied work of Ms.Himaja(17X41A1223), Mr.G.Ramgopal (17X41A1214), Ms.K.Abhinaya (17X41A1216), Ms.A.Tejaswini(17X41A1203) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, BACHELOR OF TECHNOLOGY in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mr G.D.K Kishore  
(Project Guide)

  
Mr M. Ram Bhupal  
(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

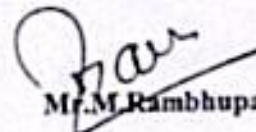
**SRK INSTITUTE OF TECHNOLOGY**  
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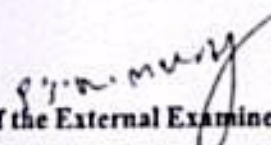


**BONAFIED CERTIFICATE**

This is to certify that the project entitled "Hand Written Digit Recognition Using Deep Learning Methods" is the bonafied work of Ms.P.Deepika (17X41A1228), Ms. Shaik. Anjum Kousar(17X41A1236), Ms. P. Maheswari (17X41A1232), Mr. CH. Yashwanth (17X41A1212) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, **BACHELOR OF TECHNOLOGY** in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mr.M.Rambhupal  
(Project Guide)

  
Mr.M.Rambhupal  
(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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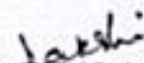
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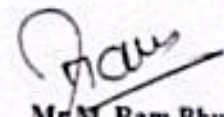
## DEPARTMENT OF INFORMATION TECHNOLOGY

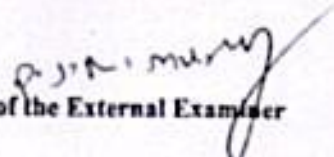


### BONAFIED CERTIFICATE

This is to certify that the project entitled "ARTIFICIAL INTELLIGENCE AND COVID 19 DEEP LEARNING APPROACHES FOR DIAGNOSIS AND TREATMENT" is the bonafied work of Ms.M.Naga Sandhya (17X41A1225), Mr.P.Vikram(17X41A1229), Mr.M.Gopichand (17X41A1224), M Mounika(17X41A1226) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, BACHELOR OF TECHNOLOGY in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mrs G. Sri Lakshmi  
(Project Guide)

  
Mr M. Ram Bhupal  
(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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**ENIKEPADU, VIJAYAWADA**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**



**BONAFIED CERTIFICATE**

This is to certify that the project entitled " GENDER CLASSIFICATION USING DEEP LEARNING" is the bonafied work of Ms P. Navya (17X41A1231), Mr. P. Pardhasaradhi Reddy (17X41A1230), Mr. L. Girish Sri Naga Sai Kumar (17X41A1221), Ms. N. Durga Rani (17X41A1227) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, BACHELOR OF TECHNOLOGY in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

*Lakshmi*  
Mrs G. Sri Lakshmi  
(Project Guide)

*M. RamBhupal*  
Mr. M. RamBhupal  
(Head of the Department)

*P. J. R. M. V. S.*  
Signature of the External Examiner

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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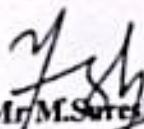
**ENIKEPADU, VIJAYAWADA**

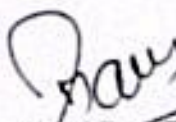
**DEPARTMENT OF INFORMATION TECHNOLOGY**

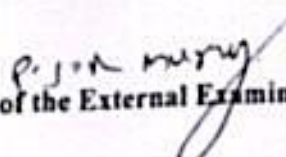


**BONAFIED CERTIFICATE**

This is to certify that the project entitled " AN AUTOMATIC GARBAGE CLASSIFICATION SYSTEM USING DEEP CONVOLUTION NEURAL NETWORKS " is the bonafied work of Ms. P.Divyasri (17X41A1234), Mr. M.Jaswanth (17X41A1222), Mr. U.Sairam(17X41A1246), Ms. S. Geethika (17X41A1241) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, **BACHELOR OF TECHNOLOGY** in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mr. M. Suresh Babu  
(Project Guide)

  
Mr. M. Ram Bhupal  
(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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(Approved by AICTE, Affiliated to JNTU Kakinada)  
**ENIKEPADU, VIJAYAWADA**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**



**BONAFIED CERTIFICATE**

This is to certify that the project entitled " COVID-19 FACE MASK DETECTION USING DEEP LEARNING TECHNOLOGY" is the bonafied work of Ms.R.V.Lahari (17X41A1235), Mr. SK. Aslam (17X41A1235), Ms. R.Bhavana Lakshmi (17X41A1207), Mr. P. Mahesh (17X41A1233) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, BACHELOR OF TECHNOLOGY in Information Technology to JNTU Kakinada. This Project was done during the year 20<sup>th</sup> -2021.

*Y.V.Nandini*

Ms Y.V.Nandini

(Project Guide)

*M. Ram Bhupal*

Mr M. Ram Bhupal

(Head of the Department)

*P. Srinivas*  
Signature of the External Examiner

*[Signature]*  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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(Approved by AICTE, Affiliated to JNTU Kakinada) ENIKEPADU,

VIJAYAWADA

DEPARTMENT OF INFORMATION TECHNOLOGY



## BONAFIED CERTIFICATE

This is to certify that the project entitled "PHISHING WEBSITE DETECTION USING MACHINE LEARNING" is the bonafied work of Ms.Syed Yasmeen (17X41A1243), Ms.Shaik Mehamuda Sheereen (17X41A1239), Mr.Boppana Harsha Vardhan (17X41A1209), Mr.koya Subramanyam (17X41A1220) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, BACHELOR OF TECHNOLOGY in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.



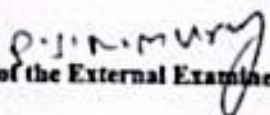
Mr. M. Rambhupal

(Project Guide)



Mr. M. Rambhupal

(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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**ENIKEPADU, VIJAYAWADA**

**DEPARTMENT OF INFORMATION TECHNOLOGY**



**BONAFIED CERTIFICATE**

This is to certify that the project entitled "A Comparative Study Of Lung Cancer Prediction Using Data mining Techniques in R" is the bonafied work of Ms. V.RamyaSri (17X41A1247), Ms.T.Hrullekha (17X41A1244), Mr.Ch.Gopichand (17X41A1210), Mr.S.Jai Sai Krishna (17X41A1242) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, **BACHELOR OF TECHNOLOGY** in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

*A. Veda Sri*  
A. Veda Sri  
(Project Guide)

*M. Ram Bhupal*  
M.RAM BHUPAL  
(Head of the Department)

*P. S. M. Murthy*  
Signature of the External Examiner

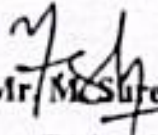
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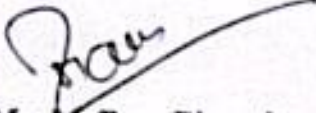
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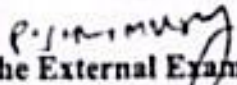


**BONAFIED CERTIFICATE**

This is to certify that the project entitled "COVID-19 FUTURE FORECASTING USING SUPERVISED MACHINE LEARNING MODELS" is the bonafied work of Ms. A. Sai Harini (17X41A1202), Ms. V. Jhansi Lakshmi (17X41A1248), Ms. K. Supriya (17X41A1218), Mr. B. Gopi (17X41A1205) who carried out the work under my supervision and submitted in partial fulfillment of the requirements for the award of the degree, **BACHELOR OF TECHNOLOGY** in Information Technology to JNTU Kakinada. This Project was done during the year 2020-2021.

  
Mr. M. Suresh Babu  
(Project Guide)

  
Mr. M. Ram Bhupal  
(Head of the Department)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT" with reference to The Krishna District Milk Producers Mutually Aided Cooperative Union Ltd, Vijayawada is a bonafide work done by PANEM NAGARJUNA Registered No. 19X41E0005 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Dr. B. KRISHNAIAH, MBA, Ph.D  
Professor & Project Guide

B.V.S.S. Subba Rao, M.Com, MBA, Ph.D  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



# S.R.K. INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF BUSINESS ADMINISTRATION

(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)

Enikepadu, Vijayawada – 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON COMPARATIVE FINANCIAL STATEMENT" With reference to "INDIA TOBACCO COMPANY LTD" is a bonafide work done by DAVULURI SIVA SANKAR RAO Registered No 19X41E0007 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah* 15/3/2021  
Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D.  
Asst. Professor & Project Guide

*B.V.S.S. Subbarao*  
B.V.S.S. SUBBARAO, M.Com, MBA, (Ph.D)  
Project Review Committee

*N. Subramanyam*  
Dr. N. SUBRAMANYAM  
Professor & Head

EXTERNAL EXAMINER

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

*Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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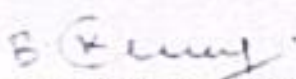
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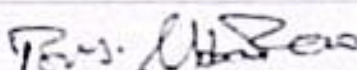
Enikepadu, Vijayawada - 521 108

## CERTIFICATE

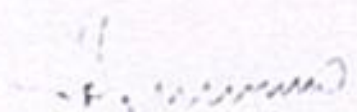
This is to certify that the project entitled "A STUDY ON EVALUATION OF STOCKS" With reference to "TCS AND INFOSYS PRIVATE LTD" is a bonafide work done by GUMMADI SRAVANTHI Registered No. 19X41E0015 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. B. Krishnaiah, M.Com, MBA, Ph.D

Asst. Professor & Project Guide

  
Mr. B. V. S. Subba Rao, M.Com, MBA, Ph.D

Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
S.R.K. Institute of Technology,  
Affiliated to J.N.T.U. Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON RECRUITMENT AND SELECTION" With reference to " ANDHRA HOSPITALS PVT LTD VIJAYAWADA" is a bonafide work done by GUNDU SAITEJA Registered No. 19X41E0016 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah, 15/3/2021*  
Dr. B. Krishnaiah, M.Com, MBA, Ph.D.  
Asst. Professor & Project Guide

*B.V.S.S. SubbaRao*  
B.V.S.S. SubbaRao, M.Com, MBA, Ph.D.  
Project Review Committee

*Dr. N. Subramanyam*  
Dr.N.SUBRAMANYAM  
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Professor & Head  
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ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

*Dr. N. Subramanyam*  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERCEPTION OF INVESTORS" With reference to "Unit Trust of India, Vijayawada" is a bonafide work done by **SIDAGAM HARISH KUMAR** Registered No. 19X41E0017 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

B. Krishnaiah 15/3/2021

**Dr. B. KRISHNAIAH,**  
M.Com, MBA, Ph.D  
Asst. Professor & Project Guide

B.V.S.S. Subbarao

**B.V.S.S. SUBBARAO,**  
M.Com, MBA, (Ph.D)  
Project Review Committee

N. Subramanyam

**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

M. Subbarao  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



# S.R.K. INSTITUTE OF TECHNOLOGY

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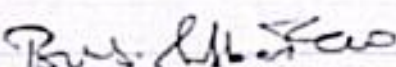
Enikepadu, Vijayawada – 521 108

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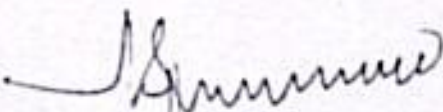
This is to certify that the project entitled "A STUDY ON EMPLOYEE JOB SATISFACTION" With reference to Krishna district milk producers mutually aided corporative union ltd, Vijayawada, a bonafide work done by E. JAYASRI Registered No. 19X41E0019 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

 15/3/2021  
Dr. B. KRISHNAIAH  
M.Com, MBA., Ph.D

Assistant Professor

  
B. V. S. S SUBBARAO  
M.Com, MBA, (Ph.D)


Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

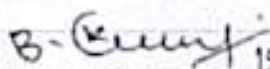


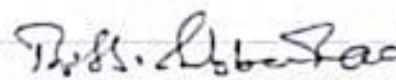


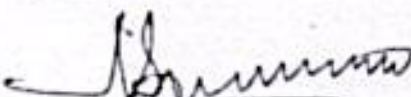
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada - 521 108

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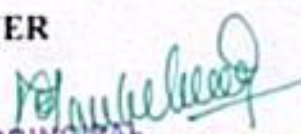
This is to certify that the project entitled "A STUDY ON PATIENT SATISFACTION WITH CARE" With reference to "AAYUSH HOSPITAL, Vijayawada" is a bonafide work done by **KAGITHA NAGA VEERA MANIKANTA** Registered No. **19X41E0020** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
15/3/2021  
**Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D**  
Asst. Professor & Project Guide

  
**B.V.S.S.SUBBA RAO, M.Com, MBA, Ph.D**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON ANALYSIS OF STOCK PRICE FLUCTUATION" With reference to "BRITANNIA AND CIPLA" is a bonafide work done by **MARAM VENKATESH** Registered No. 19X41E0031 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

B. Krishnaiah 15/3/2021

**Dr. B. KRISHNAIAH**  
M.Com, MBA, Ph.D.  
Asst. Professor & Project Guide

B.V.S.S. Subbarao

**B.V.S.S. SUBBARAO**  
M.Com, MBA, (Ph.D)  
Project Review Committee

Dr. N. Subramanyam

**Dr. N. SUBRAMANYAM**

**Professor & Head**

Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

Principal

**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "RATIO ANALYSIS" With reference to "HDFC BANK LTD" is a bonafide work done by MARUBOINA SOMASEHAR Registered No. 19N41E0032 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the --award of any Degree or Diploma.

*B. Krishnaiah* 15/3/2021

Dr. B. KRISHNAIAH,

M.Com, MBA, Ph.D.

Asst. Professor & Project Guide

*B.V.S.S. Subbarao*

B.V.S.S. SUBBARAO,

M.Com, MBA, (Ph.D)

Project Review Committee

*N. Subramanyam*

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

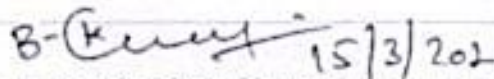


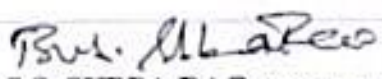
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**DEPARTMENT OF BUSINESS ADMINISTRATION**

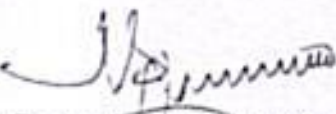
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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**


This is to certify that the project entitled "A STUDY ON HUMAN RESOURCES POLICIES" With reference to "NSL TEXTILES, YADLAPADU" is a bonafide work done by PULAPAKA SYAMALA DEVI Registered No. 19X41E0040 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
15/3/2021  
**Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D**  
**Assistant Professor & Project Guide**

  
**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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DEPARTMENT OF BUSINESS ADMINISTRATION

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Enikepada, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON QUALITY OF WORK LIFE WITH REFERENCE TO PANTALOONS, VIJAYAWADA" is a bonafide work done by SHAIK SHAKEENA Registered No. 19X41E0047 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepada, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Master of Business Administration.

B. Krishnaiah 15/3/2021

Dr. B. KRISHNAIAH

Asst. Professor & Project Guide

B.V.S.S. Subba Rao

Mr. B.V.S. S. SUBBA RAO M.Com, MBA, (Ph.D)

Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

Principal

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



## S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE OF PUBLIC SECTOR BANKS IN INDIA" With reference to "STATE BANK OF INDIA AND ANDHRA BANK" is a bonafide work done by VANGURU DIGJAYA Registered No. 19X41E0057 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

B. Krishnaiyah  
15/3/2024

Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D.  
Asst. Professor & Project Guide

B.V.S.S. Subba Rao

B.V.S.S. Subba Rao, M.Com, MBA, (Ph.D.)  
Project Review Committee

EXTERNAL EXAMINER

Dr. N. SUBRAMANYAM

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT With reference to BAJAJ FINANCE SERVICE PVT. LTD, Vijayawada" is a bonafide work done by Y. JAGADISH Registered No. 19X41E0058 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah* 15/3/2021  
**Dr. B. KRISHNAIAH**  
M.Com, MBA, Ph.D  
Asst. Professor & Project Guide

*B.V.S.S. Subba Rao*  
**B.V.S.S. SUBBA RAO**  
M.Com, MBA, (Ph.D.),  
Project Review Committee

*Dr. N. Subramanyam*  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

*Principal*  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON COMMON SIZE BALANCE SHEET" With reference to "Laurus Labs Pvt Ltd, Hyderabad" is a bonafide work done by KATAKAM VENKATA SIVA AVINASH Registered No. 19X41E0061 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah* 15/3/2021  
Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D.  
Asst. Professor & Project Guide

*B.V.S.S. Subbarao*  
B.V.S.S. SUBBARAO, M.Com, MBA, Ph.D.  
Project Review Committee

*Dr. N. Subramanyam*  
Dr.N.SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

*Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA





## S.R.K. INSTITUTE OF TECHNOLOGY

### DEPARTMENT OF BUSINESS ADMINISTRATION

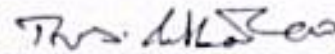
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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PATIENT SATISFACTION IN OUT-PATIENT SERVICES" With reference to "HELP Hospital, Vijayawada" is a bonafide work done by **BONU UDAY SANDEEP** Registered No. **19X41E0004** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada.** This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
MR.G.KIRAN M.com,MBA

Asst. Professor & Project Guide

  
MR.B.V.S.S SUBBA RAO,(P.hd)

Project Review Committee

**Dr.N.SUBRAMANYAM**  
Professor & Head

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

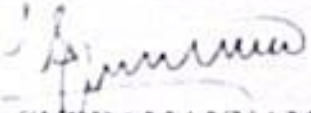
This is to certify that the project entitled "RATIO ANALYSIS" with reference to "COCO COLA COMPANY" PRIVATE LIMITED, is a bonafied work done by D. VENKATA DURGA Registered No. 19X41E0011 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
G. KIRAN, M.Com, MBA.

Asst. Professor & Project Guide

  
B.V.S.S. SUBBARAO, M.Com, MBA (Ph.D)

Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

### *CERTIFICATE*

This is to certify that the project entitled "A STUDY ON HEALTH INSURANCE COVERAGE SURVEY" With reference to "NAGARJUNA Hospital, Vijayawada" is a bonafide work done by GOTTAM ABHISHEK Registered No. 19X41E0014 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

G.Kiran, M.Com,MBA  
Asst. Professor & Project Guide

B.V.S.S.Subba Rao, M.Com,MBA,Ph.D  
Project Review Committee

  
Dr.N.SUBRAMANYAM  
Professor & Head

EXTERNAL EXAMINER

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON CASH FLOW" With reference to "APHMEL COMPANY, Kondapalli" is a bonafide work done by **KOMMU PRASANTH KUMAR** Registered No. 19X41E0026 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. G. Kiran, M.Com, MBA.

Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M.com, MBA, (Ph.D)

Project Review Committee

Professor & Head

Dr. N. SUBRAMANYAM

EXTERNAL EXAMINER

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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL " With reference to "HI-TECH PRINT SYSTEM LIMITED ,PEDDAVUTAPALLI" is a bonafide work done by MANNE ANJALI Registered No. 19X41E0030 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**G.KIRAN, M.Com, MBA.**  
Asst. Professor & Project Guide

**B.V.S.S. Subba Rao, M.Com, MBA (Phd)**  
Project Review Committee

EXTERNAL EXAMINER

**Dr. N.SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada,  
ENIKEPADU, VIJAYAWADA - 521 108.

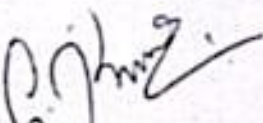
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ENIKEPADU, VIJAYAWADA



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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada - 521 168

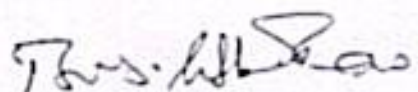
## CERTIFICATE

This is to certify that the project entitled "A STUDY ON HEALTH CARE EMPLOYEES LIFECYCLE with reference to "ANDHRA HOSPITAL, VIJAYAWADA" is a bonafide work done by **Mr. MUKTHIPUDI NITHIN** Registered No 19X41E0034 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Mr. G. KIRAN**

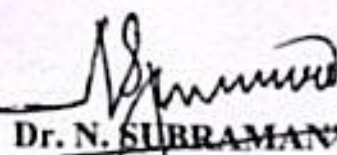
**M.Com, MBA**

**Asst. Professor & Project Guide**

  
**Mr. B.V.S.S. SUBBARAO**


**M.Com, MBA (Ph.D)**

**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**

*Professor & Head*

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON HEALTH ASSESSMENT & PATIENT FEED BACK" With reference to "RAMESH Hospital, Vijayawada" bonafide work done by PATTAPU CHAITANYA KUMAR Registered No. 19X41E0038 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

G.KIRAN, MBA,M.Com

Asst. Professor & Project Guide

B.V.S.S.S.BBARAO M.Com, MBA.(Ph.D)

Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT" With reference to "NSL TEXTILES, Edlapadu" bonafide work done by RAMISETTY RAJITHA Registered No. 19X41E0042 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**G. KIRAN, M.Com, MBA.**  
Asst. Professor & Project Guide

**B.V.S.S. SUBBARAO, M.Com, MBA, (Ph.D)**  
Project Review Committee

**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**





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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON HEALTHCARE EMPLOYEE PERFORMANCE APPRAISAL" With reference to "MANIPAL HOSPITAL, VIJAYAWADA" is a bonafide work done by SAI KRISHNA DODDAKA Registered No. 19X41E0043 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

G. KIRAN, M.Com, MBA  
Asst. Professor & Project Guide

B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING " With reference to "BATA INDIA LTD " is a bonafide work done by SHAIK RESHMA Registered No. 19X41E0044 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Mr. GKiran, M.com, MBA**  
Asst. Professor & Project Guide

**B.V.S.S. SubbaRao, M.com, MBA, (Ph.D)**  
Project Review Committee

  
**EXTERNAL EXAMINER**

**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON FUNDS FLOW STATEMENT" With reference to "ZUARI CEMENT LTD - DONDAPADU" is a bonafide work done by **SUSHMITHA VUCHULA** Registered No. 19X41E0049 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. G. Kiran M.Com, MBA

Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M.Com, MBA, (Ph.D)

Project Review Committee

EXTERNAL EXAMINER

Dr. N. SUBRAMANYAM

Professor & Head  
Department of Business Administration,  
S.R.K. Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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SRK INSTITUTE OF TECHNOLOGY  
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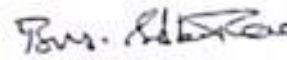
Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING With reference to Model Dairy Private Ltd, Vijayawada" is a bonafide work done by **TATIPARTHI PAVANI NAGASAI** Registered No. 19X41E0052 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**G. KIRAN, M.Com, MBA**

Asst. Professor & project guide

  
**B.V.S.S. subbarao, MCOM, MBA, (P.S.D)**

Project review committee

  
**Dr. N. SUBRAMANYAM**

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL STRUCTURE" With reference to "SOUTH CENTRAL RAILWAY" is a bonafide work done by **THELLA SAMANA** Registered No. 19X41E0054 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Mr. G. KIRAN,**

**M.Com, M.B.A.**

**Asst. Professor & Project Guide**

**Mr. B.V.S.S. SUBBARAO,**

**M.Com, MBA, (Ph.D.).**

**Project Review Committee**

**Dr. N. SUBRAMANYAM**

**Professor & Head**

**Professor & Head**  
Department of Business Administration,  
**SRK Institute of Technology,**  
Affiliated to JNTU Kakinada  
**ENIKEPADU, VIJAYAWADA-521 108.**

**EXTERNAL EXAMINER**

**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON RATIO ANALYSIS" With reference to " My home industries Ltd , Hyderabad " bonafide work done by YALALA SYAMALA Registered No: 19X41E0060 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**G. Kiran, M.Com, MBA**  
Asst. Professor & Project Guide

**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**  
Project Review Committee

**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108

EXTERNAL EXAMINER

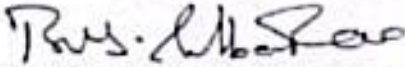
**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

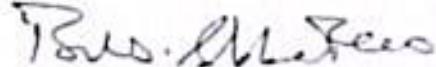


**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WAGES AND SALARY ADMINISTRATION" With reference to "RENAULT, ARUNA MOTORS PRIVATE LTD" VIJAYAWADA is a bonafide work done by AKKINENI NAGA DIVYA Registered No. 19X41E0001 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
B.V.S.S. SubbaRao, M.Com, MBA, (P.H.D.)  
Asst. Professor & Project Guide

  
B.V.S.S. SubbaRao, M.Com, MBA, (P.H.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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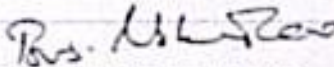
DEPARTMENT OF BUSINESS ADMINISTRATION

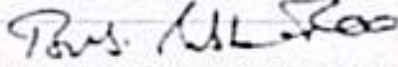
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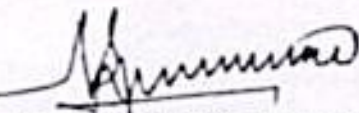
Enikepada, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the Main project entitled "A STUDY ON TRAINING AND DEVELOPMENT With reference to the PANTALOONS FASHION AND RETAIL " is a bonafide work done by D.DEEPAK VENKAT SAIRAM Registered No. 19X41E0006 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (admitted batch of 2019-21) in **S.R.K. Institute of Technology**, Enikepada, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Master of Business Administration

  
B.V.S.S. SUBBA RAO, M.C.A., M.B.A., P.D.  
Asst. Professor & Project Guide

  
Mr. B. V. S. S. SUBBA RAO,  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA





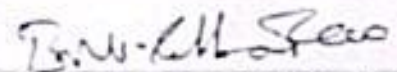
# S.R.K. INSTITUTE OF TECHNOLOGY

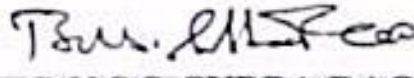
## DEPARTMENT OF BUSINESS ADMINISTRATION

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Enikepadu, Vijayawada - 521 108

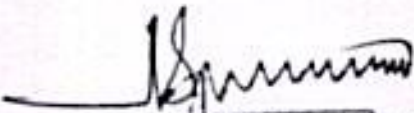
### CERTIFICATE

This is to certify that the Main project entitled "A STUDY ON JOB EVALUATION with Reference to RENAULT, ARUNA MOTORS PRIVATE LTD" VIJAYAWADA " is a bonafide work done by GADDE RAHUL Registered No 19X41E0013 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Master of Business Administration.

  
Mr. B.V.S.S. SUBBA RAO  
Asst. Professor & Project Guide

  
Mr. B.V.S.S. SUBBA RAO MBA  
Project Review Committee

External Examiner

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108

  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

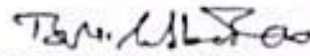


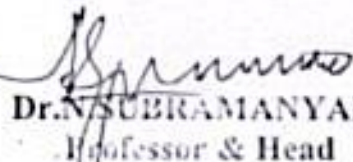
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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL OF MEDICAL STAFF & NURSES" With reference to VIJAYA SUPER SPECIALITY HOSPITAL, Vijayawada" is a bonofied work done by KANUMURI SIDDHARTHA Registered No. 19X41E0022 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
B.V.S.S. SUBBA RAO M.Com, MBA, (P.Hd)  
Asst. Professor & Project Guide

  
B.V.S.S SUBBA RAO M.com, MBA, (p.hd)  
Project Review Committee

  
Dr. N. SUBBRAMANYAM  
Professor & Head

EXTERNAL EXAMINER

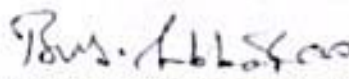
  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

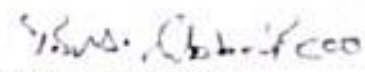


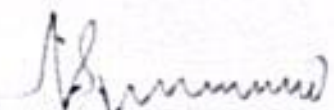
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada 521 108

## CERTIFICATE


This is to certify that the project entitled "A STUDY ON EMPLOYEE PAYROLL" With reference to "JASPER INDUSTRIES Pvt Ltd, Enikepadu" is a bonafide work done by **KARRA GNANA JAINAVI** Registered No. **19X41E0023** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**B.V.S.S. SubbaRao, M.C.(MBA), (P.N.D)**  
**Asst. Professor & Project Guide**

  
**B.V.S.S. SubbaRao, M.C.(MBA), (P.N.D)**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
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**ENIKEPADU, VIJAYAWADA**



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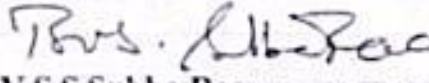
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**CERTIFICATE**

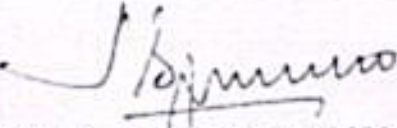
This is to certify that the project entitled "A STUDY ON RECRUITMENT AND SELECTION " With reference to "BIG BAZAAR PVT LTD, VIJAYWADA" is a bonafide work done by **KODURU RAJA** Registered No. 19X41E0025 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
V.S.S. Subba Rao, M.C.C., M.B.A.(P.N.D.)

Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.C.C., M.B.A.(P.N.D.)

Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

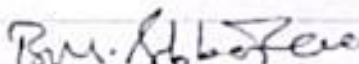
  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



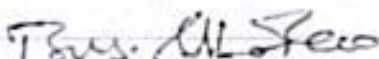
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

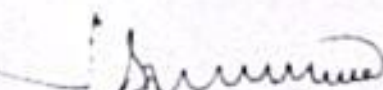
This is to certify that the project entitled "A RECOMMENDATION ON REDUCING WAITING TIME IN THE OUT-PATIENT DEPARTMENT" With reference to "ANDHIRA HOSPITALS(VIJAYAWADA) PVT.LTD" is a bonafide work done by **MADDULA KARTHIK** Registered No. 19X41E0029 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**B.V.S.S. SUBBA RAO**

**M.Com, MBA, (Ph.D)**  
**Asst. Professor & Project Guide**

  
**B.V.S.S. SUBBA RAO**

**M.Com, MBA, (Ph.D)**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**

**Professor & Head**  
**Professor & Head**  
**Department of Business Administration,**  
**SRK Institute of Technology,**  
**Affiliated to JNTU, Kakinada**  
**ENIKEPADU, VIJAYAWADA-521 108**

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "PROCESS OF RECRUITMENT AND SELECTION" With reference to "3i Infotech, Hyderabad" is a bonafide work done by **NALLAPATI SAI PRAVALLIKA** Registered No. 19X41E0035 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**B.V.S.S. SubbaRao, M.Com., MBA (Ph.D)**  
**Asst. Professor & Project Guide**

**B.V.S.S. SubbaRao, M.Com., MBA (Ph.D)**  
**Project Review Committee**

**Dr.N.SUBRAMANYAM**  
**Professor & Head**

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

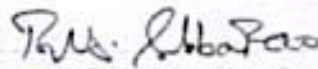
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**ENIKEPADU, VIJAYAWADA**



**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

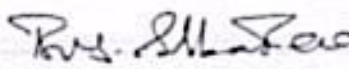
**CERTIFICATE**

This is to certify that the project entitled “A STUDY ON WORKING CAPITAL MANAGEMENT” with reference to “CREAM LINE DAIRY PRODUCTS LTD, GUNTUR” is a bonafide work done by **PODILA SIVA PARVATHI** Registered No. 19X41E0039 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**B.V.S.S. SUBBARAO**

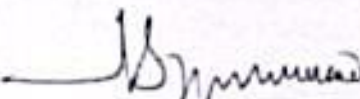
**M.Com, MBA, (Ph.D.)**

**Asst. Professor & Project Guide**

  
**B.V.S.S. SUBBARAO,**

**M.Com, MBA, (Ph.D.)**

**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**

**Professor & Head**  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
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Enikepada, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A COMPARITIVE STUDY ON CSSD PRACTICES OF PSIMS & TIME HOSPITAL" With reference to "PSIMS&TIME HOSPITAL" is a bonafide work done by SHAIK SHAHID AFRIDI Registered No. 19X41E0046 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepada, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

B.V.S.S. SUBBARAO, M.Com.,MBA,(Ph.D)

Asst. Professor & Project Guide

B.V.S.S. SUBBARAO, M.Com.,MBA,(Ph.D)

Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head

Department of Business Administration,

SRK Institute of Technology,

Affiliated to JNTU Kakinada

ENIKEPADU, VIJAYAWADA-521 108.

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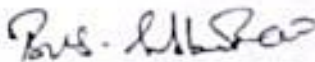




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Enikepadu, Vijayawada – 521 108

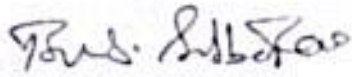
## CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT" with reference to "Delta Paper Mills Ltd, Vendra" is a bonafide work done by **SILAIK SHARUKH** Registered No. 19X41E0048 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma

  
**B.V.S.S. SUBBARAO**

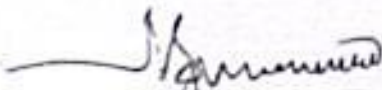
**M.Com, MBA, (Ph.D.)**

**Asst. Professor & Project Guide**

  
**B.V.S.S. SUBBARAO**

**M.Com, MBA, (Ph.D.)**

**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**

**Professor & Head**

**Professor & Head**  
**Department of Business Administration,**  
**SRK Institute of Technology,**  
**Affiliated to JNTU Kakinada**  
**ENIKEPADU, VIJAYAWADA-521 108.**

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON WELFARE MEASURES OF HEALTH CARE EMPLOYEES" With reference to "VIJAYA SUPER SPECIALITY HOSPITAL, VIJAYAWADA" is a bonafide work done by TALAKOLA ANTHON REDDY Registered No. 19X41E0051 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**B. V.S.S. SUBBARAO** M.com, MBA(Ph.D.)  
Asst. Professor & Project Guide

**B.V.S.S. SUBBARAO**, M.C.Om, MBA(Ph.D.)  
Project Review Committee

**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON IDENTIFYING AWARENESS PREFERENCES AND BUYING PATTERN" With reference to "STAR ALLIED HEALTH INSURANCE - VIJAYAWADA" is a bonafide work done by TEJA SAI KUMAR SANDALURI Registered No. 19X41E0053 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**B.V.S.S. SUBBA RAO**

**M.Com, MBA, (Ph.D)**

**Asst. Professor & Project Guide**

**B.V.S.S. SUBBA RAO,**

**M.Com, MBA, (Ph.D)**

**Project Review Committee**

**Dr. N. SUBRAMANYAM**

**Professor & Head**

**Professor & Head**

**Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.**

**EXTERNAL EXAMINER**

**SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA**



**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the Project entitled "A STUDY ON EFFECTIVENESS OF TRAINING PROGRAMMES with reference to HOTEL MINERVA GRAND" is a bonafide work done by TOOMULA VENKATA RAMANA Registered No. 19X41E0055 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of MASTER OF BUSINESS ADMINISTRATION in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Master of Business Administration.

*B.V.S.S. Subbarao*

**B.V.S.S.subbarao,M.com,MBA,(Ph.D)**  
**Professor & Project Guide**

*B.V.S.S. Subbarao*

**B.V.S.S.subbarao,M.com,MBA,(Ph.D)**  
**Project Review Committee**

**External Examiner**

*Dr. N. Subramanyam*  
**Dr. N. Subramanyam**  
**Professor & Head**

**Department of Business Administration,**  
**SRK Institute of Technology,**  
**Affiliated to JNTU Kakinada**  
**ENIKEPADU, VIJAYAWADA-521 108.**

*Principal*  
**PRINCIPAL**

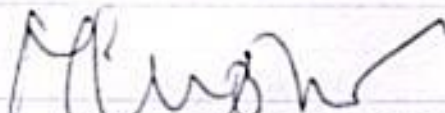
**INSTITUTE OF TECHNOLOGY**  
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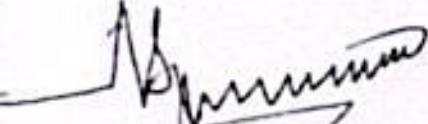
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled “ **A STUDY ON CAPITAL BUDGETING** ” With reference to “**PENNA CEMENT INDUSTRIES LTD, TALARICHEUVU**” is a bonafide work done by **BALISSETTY TEJA SRI** Registered No. **19X41E0002** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. VEERABHADRA RAO,**  
Professor & Project Guide

  
**B.V.S.S. SUBBARAO, M.Com, MBA, (Ph.D.)**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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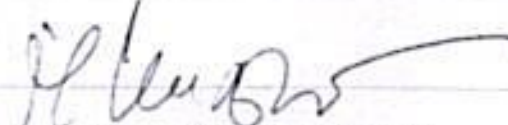
## DEPARTMENT OF BUSINESS ADMINISTRATION

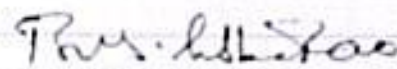
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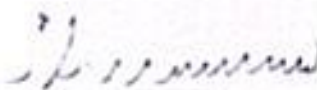
Enikepadu, Vijayawada – 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON FUNDS FLOW STATEMENT" With reference to "SANGAM MILK PRODUCER COMPANY LIMITED, VADLAMUDI, GUNTUR DISTRICT" bonafide work done by DHARMAVARAPU KOTILINGEASWARA RAO Registered No. 19X41E0009 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma

  
Dr. M. VEERABHADRA RAO,  
Professor & Project Guide

  
B.V.S.S. SUBBARAO, M.Com, MBA, (Ph.D)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
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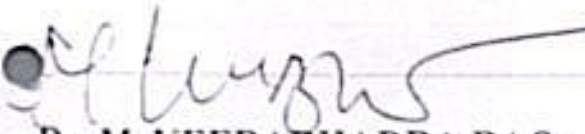
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**

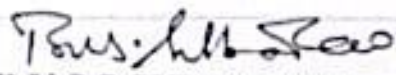
(An ISO 9001-2008 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)

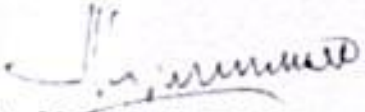
Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the Main project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT" bonafide work done by D.SANKARA SAI Registered No 19X41E0010 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of **Master of Business Administration** (Second Year admitted batch of 2019-21) in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Master of Business Administration.

  
**Dr. M. VEERABHADRA RAO**  
Professor & Project Guide

  
**Mr. B.V.S.S.SUBBA RAO** MBA, M.Com., (Ph.D.)  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
S.R.K. Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

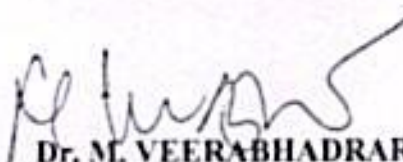
  
**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

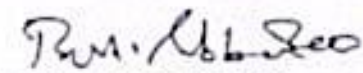


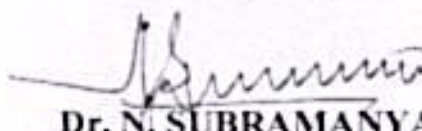
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL STRUCTURE ANALYSIS" With reference to "ZUARI CEMENT PVT LTD" is a bonafide work done by **JAJULA AYYAPPA SWAMY** Registered No. **19X41E0018** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. VEERABHADRARAO**  
Professor & Project Guide

  
**B.V.S.S. SUBBARAO, M.C.A., M.B.A. (P&D)**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

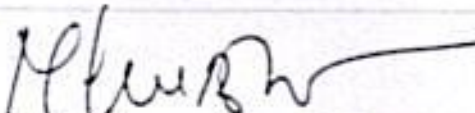




**S.R.K. INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF BUSINESS ADMINISTRATION  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -  
K)  
Enikepadu, Vijayawada - 521 108

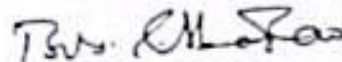
## CERTIFICATE

This is to certify that the project entitled "A STUDY ON FUNDS FLOW STATEMENT" With reference to "INCAP LIMITED, VIJAYAWADA" is a bonafide work done by Miss KATTA PRIYANKA Registered No. 19X41E0024 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

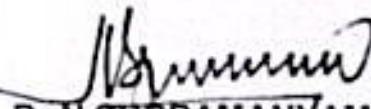
  
Dr.M.VEERABHADRA RAO

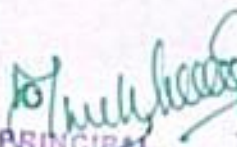
Professor & Project Guide

EXTERNAL EXAMINER

  
B.V.S.S. Subba Rao,

Project Review Committee

  
Dr.N.SUBRAMANYAM  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
PRINCIPAL  
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ENIKEPADU, VIJAYAWADA



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## CERTIFICATE

This is to certify that the project entitled "A STUDY ONJOB SATISFACTION WITH REFERENCE TO HERITAGE FOODS Ltd, Vijayawada" is a bonafide work done by K. HEMANTH KRISHNA Registered No. 19X41E0027 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Dr. M. VEERABHADRA RAO**  
Professor & Project Guide

**B.V.S.S. Subba Rao, M.Com, MBA, (P&D)**  
Project Review Committee

**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

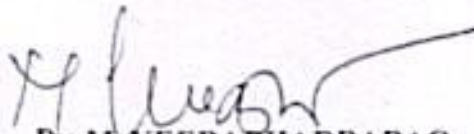
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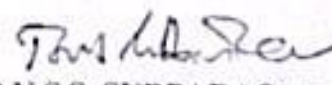



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**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON JOB SATISFACTION With reference to SRI ANANTHA LAKSHMI SPINNING MILLS PVT.LTD, GUNTUR" is a bonafide work done by K.GOPI NADH, Registered No. 19X41E0028 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. VEERABHADRARAO**  
Professor & Project Guide

  
**B.V.S.S. SUBBARAO, M.Com., MBA, (Ph.D)**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
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**SRK INSTITUTE OF TECHNOLOG**  
**ENIKEPADU, VIJAYAWADA**

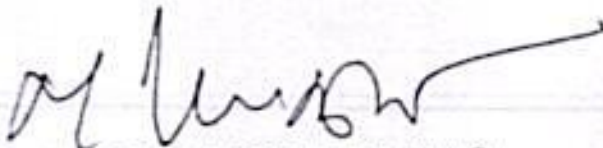


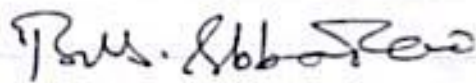
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Enikepadu, Vijayawada - 521 108

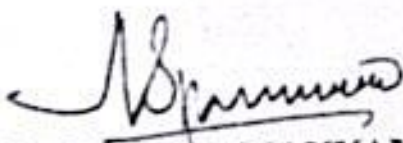
**CERTIFICATE**

This is to certify that the project entitled **"WORKING CAPITAL MANAGEMENT"**

With reference to **"TATA MOTORS. LTD"** is a bonafide work done by **NIBHANUPUDI SUMITHRA** Registered No. **19X41E0036** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. VEERABHADRA RAO**  
**Professor & Project Guide**

  
**B.V.S.S.SUBBARAO, M.Com, MBA (Ph.D)**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**

**EXTERNAL EXAMINER**

**Professor & Head**  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL, With reference to 3i INFOTECH Ltd, Hyderabad" is a bonafide work done by PALAGIRI DURGA BHAVANI Registered No. 19X41E0037, under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Dr. M. VEERABHADRA RAO,**  
Professor & Project Guide

**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**  
Project Review Committee

**Dr. N. SUBRAMANYAM**  
Professor & Head

**EXTERNAL EXAMINER**

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

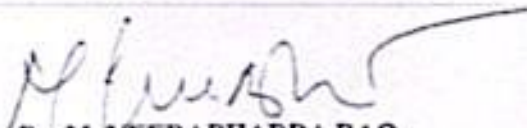
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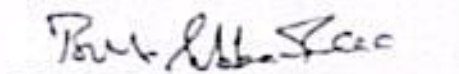


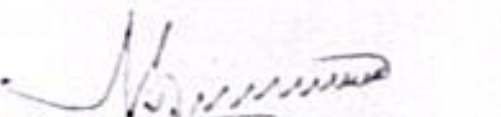
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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL" With reference to "K.C.P. SUGAR AND INDUSTRIES CORPORATION LTD" is a bonafide work done by SHAIK SALEEM Registered No. 19X41E0045 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. VEERABHADRA RAO,  
Professor & Project Guide

  
B.V.S.S. SUBBARAO, M.COM, MBA (P.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



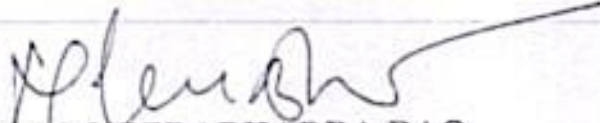
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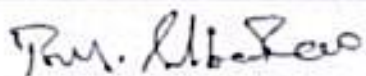
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K)

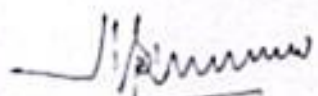
Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON EQUITY SHARE ANALYSIS" With reference to "MARUTI SUZUKI, M.G.Road, Vijayawada" bonafide work done by **SWARNA RAMYA SRI** Registered No. 19X41E0050 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. VEERABHADRA RAO**  
Professor & Project Guide

  
**Mr. B.V.S.S. SUBBA RAO**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL" With reference to "HCL, VIJAYAWADA " bonafide work done by U.Navyasai Registered No. 19X41E0056 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada.** This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Dr. M. Veerabhadra Rao,  
Project Guide

B.V.S.S. Subbarao,  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

EXTERNAL EXAMINER

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

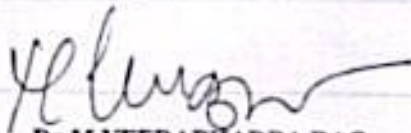


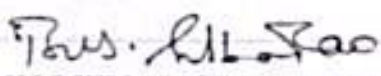


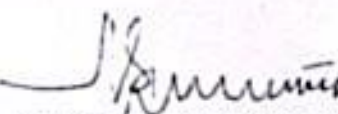
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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepada, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "TRAINING AND DEVELOPMENT" With reference to "KCP SUGAR & INDUSTRIES CORPORATION LTD" is a bonafide work done by YALALA SAI Registered No. 19X41E0059 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepada, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada.** This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. VEERABHADRA RAO,**  
**Professor & Project Guide**

  
**B.V.S.S. SUBBARAO, M.com MBA(ph.D)**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**

**S.R.K INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA.

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "HELMET DETECTION FOR BIKE RIDERS USING VIDEO PROCESSING" is the bonafide work of Ms G.REVATHI (18X41F0001), in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*Radhika*

(Dr. A.Radhika)

*Signature of the Guide*

*Dr. D. Haritha*

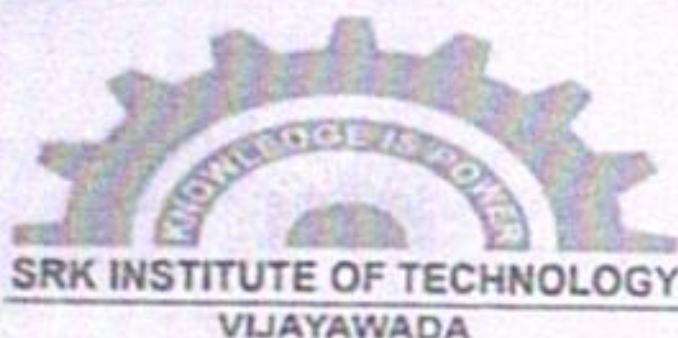
(Dr. D. Haritha)

*Signature of the HOD*

*Signature of the External Examiner*

*Principal*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**



**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

**CERTIFICATE**

This is to certify that this project report entitled "MUSIC GENRE CLASSIFICATION USING MACHINE LEARNING" being submitted by KONDABOYINA MANIKANTA (18X41F0002) in partial fulfillment for the award of the post graduate degree of MASTER OF COMPUTER APPLICATIONS in Computer Applications Department to the Jawaharlal Nehru Technological University is a record of sincere work carried out by him under my guidance and supervision

*Hameeda Khatoon*

**(HAMEEDA KHATOON)**

Signature of the Guide

*Dr. D. Haritha*

**(Dr. D. HARITHA)**

Signature of the HOD

Signature of the External Examiner

*[Signature]*

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA


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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



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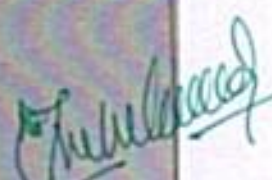
This is to certify that this project report entitled "STUDENT INFORMATION CHATBOT SYSTEM" is the bonafide work of Ms. K.YASUSHMA (18X41F0003) in partial fulfilment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
Signature of the Guide  
(A.KALYAN KUMAR)

  
Signature of the HOD  
(Dr.D. Haritha)

Signature of the External Examiner

SRK INSTITUTION OF TECHNOLOGY


  
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ENIKEPADU, VIJAYAWADA


DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



CERTIFICATE

This is to certify that this project report entitled "COVID - 19 (CORONA) ONLINE TEST RESULTS AND VACCINATION BOOKING OF HOSPITAL BASED MOBILE APP" is the bonafide work of Ms M. Mani Deepika (18X41F0004), in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(Dr. N. Neelima Priyanka)  
Signature of the guide

  
(Dr. D. Haritha)  
Signature of the HOD

Signature of the External Examiner



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ENIKEPADU, VIJAYAWADA

S.R.K INSTITUTE OF TECHNOLOGY

ENIKEPADU, VIJAYAWADA

DEPARTMENT OF MASTER OF COMPUTER APPLICATION



**CERTIFICATE**

This is to certify that this project report entitled "OBJECT DETECTION USING TRANSFORMERS" is the bonafide work of Ms. V. SWATHI (18X41F0006), in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATION during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

*M. Naresh Babu*

(M.Naresh Babu)

*Signature of the Guide*

*Dr. D. Haritha*

(Dr. D. Haritha)

*Signature of the HOD*

Signature of the External Examiner

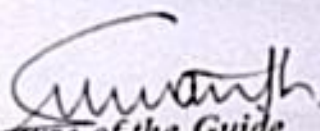
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PRINCIPAL  
SRK INSTITUTE OF TECHNOLOG  
ENIKEPADU, VIJAYAWADA

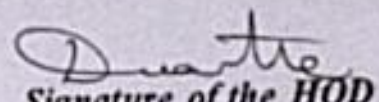
**S.R.K INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



**CERTIFICATE**

This is to certify that this project report entitled "SENTIMENT ANALYSIS USING MACHINE LEARNING" is the bonafide work of Mr. M. RAVINDRAREDDY (19X45F0002) in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
*Signature of the Guide*  
(Mr. M V. Sumanth)

  
*Signature of the HOD*  
(Dr D. Haritha)

Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "PREDICTION OF BACTERIAL VIRAL PNEUMONIA & COVID-19 DETECTION FROM CHEST X-RAY IMAGES USING CNN" is the bonafide work of Ms.CILVINAYAMOUNIKA (19X45F0003) in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OFCOMPUTER APPLICATIONS during the academics 2020-2021. This work has carried out under our supervision and guidance.

*E. Naga Raju*  
*Signature of the Guide*

(E.Naga Raju)

*Dr. D. Haritha*  
*Signature of the HOD*

(Dr.D.Haritha)

**Signature of the External Examiner**

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K INSTITUTE OF TECHNOLOGY**

DEPARTMENT OF MASTER OF COMPUTER APPLICATION



**CERTIFICATE**

This is to certify that this project report entitled "PLANT LEAF DISEASE DETECTION USING CONVOLUTIONAL NEURAL NETWORK" is the bonafide work of Ms. P. SAI LATHA (19X45F0005) in partial fulfilment of the requirements for the award of the graduate degree of MASTER OF COMPUTER APPLICATION during the academic year 2019-2021. This Work has carried out under our supervision and guidance.

*P. Bhagyalakshmi*  
Signature of the Guide

(P. Bhagya Lakshmi)

*Dr. D. Haritha*  
Signature of the HOD

(Dr. D. Haritha)

Signature of the External Examiner

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

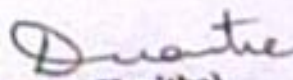
# SRK INSTITUTE OF TECHNOLOGY




DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

## CERTIFICATE

This is to certify that this project report entitled "COMPLAINT MANAGEMENT SYSTEM" is the bonafide work of Ms. K. SAI NAVEENA (19X45F0001), in partial fulfilment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
(Dr. D. Haritha)  
Signature of the Guide

  
(Dr. D. Haritha)  
Signature of the HOD

Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADI, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "CRIMINAL IDENTIFICATION SYSTEM USING FACE RECOGNITION" is the bonafide work of PAVANI YENUMULA (19X45F0004), in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academics 2020-2021. This work has carried out under our supervision and guidance.

*E. Naga Raju*  
Signature of the Guide  
(ENAGA RAJU)

*Dr. D. Haritha*  
Signature of the HOD  
(Dr.D.HARITHA)

Signature of the External Examiner

*[Signature]*  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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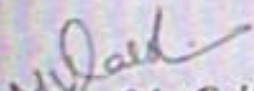
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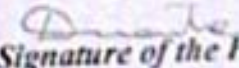
**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "" is the bonafide work of **Mr. CH. HARSHAVARDHAN (19X45F0007)** in partial fulfilment of the requirements for the award of the post graduate degree in **MASTER OF COMPUTER APPLICATIONS** during the academic year 2020-2021. This Work has carried out under our supervision and guidance.

  
*Signature of the Guide*  
(M. VENKATA LAKSHMI)

  
*Signature of the HOD*  
(Dr. D. HARITHA)

Signature of the External Examiner

  
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



**CERTIFICATE**

This is to certify that this project report entitled "DETECION OF STRESS USING IMAGE PROCESSING AND MACHINE LEARNING TECHNIQUES" is the bonafide work of Ms. N. SUNEETHA (19X45F0009) in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academics 2020-2021. This Work has carried out under our supervision and guidance.

*S. Srikanth*  
*Signature of the Guide*

(Dr. B. Srikanth)

*D. Haritha*  
*Signature of the HOD*

(Dr D. Haritha)

Signature of the External Examiner

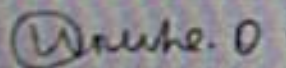
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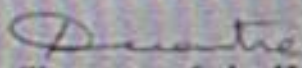
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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS




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This is to certify that this project report entitled "ANALYSING AND ESTIMATING THE IPL WINNER BY USING THE PREDICTION TECHNIQUES OF MACHINE LEARNING" is the bonafide work of M.SAI VAMSI (19X45F0011) in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academics 2020-2021. This work has carried out under our supervision and guidance.

  
Signature of the Guide  
(D.ANUSHA)

  
Signature of the HOD  
(Dr.D.HARITHA)

Signature of the External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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ENIKEPADU, VIJAYAWADA  
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



CERTIFICATE

This is to certify that this project report entitled "CUSTOMER SATISFACTION AWARE OPTIML MULTISERVER CONFIGURATION FOR PROFIT MAXIMIZATION IN CLOUD" is the bonafide work of **Ms. Ch.DEEPTHI (19X45F0014)**, in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2020-2021. This Work has carried out under our supervision and guidance

*D. Madhavi*

(D Madhavi)

*Signature of the Guide*

*Dr. D. Haritha*

(Dr. D. Haritha)

*Signature of the HOD*

*Signature of the External Examiner*

*Principal*

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

**S.R.K INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "EVENT BASED SENTIMENT ANALYSIS OF TWITTER DATA" is the bonafide work of Ms. G. DHANA LAKSHMI Regd. No: 19X45F0015 in partial fulfilment of the requirements for the award of the Post graduate degree in Master of computer Application during the academic year 2019-2021. This Work has carried out under our supervision and guidance.

*E. Nagaraju*  
*Signature of the Guide*  
**Mr.E.NAGARAJU**

*Dr.D.Haritha*  
*Signature of the HOD*  
**Dr.D.HARITHA**

**Signature of the External Examiner**

*[Signature]*  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADI, VIJAYAWADA**



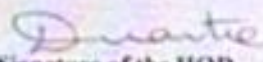
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This is to certify that this project report entitled "**PROBLEMS AND PROSPECTUS IN ONLINE SHOPPING**" is the bonafide work of Ms **P.SOWMYA (19X45F0016)**,in partial fulfilment of the requirements for the award of the post graduate degree in **MASTER OF COMPUTER APPLICATIONS** during the academic year 2020-2021. This work has carried out under our supervision and guidance.

  
Signature of the Guide  
(P.Usha Sri)

  
Signature of the HOD  
(Dr.D.Haritha)

Signature of the External Examiner

  
PRINCIPAL  
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ENIKEPADU,VIJAYAWADA



## S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

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Enikepadu, Vijayawada – 521 108

### CERTIFICATE

This is to certify that the project entitled "PERFORMANCE APPRAISAL With reference to SRINIVASA EDIFICE PVT. LTD, Vijayawada" is a bonafide work done by ADDAGIRI PRAMOD KUMAR. Registered No. 18X41M0002 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Dr. B. KRISHANIAH, M.Com, MBA PhD  
, Asst. Professor & Project Guide  
Project Review Committee

B.V.S.S. Subba Rao, M.Com, MBA, PhD

Dr. N. SUBRAMANYAM  
Professor & Head

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON RATIO ANALYSIS" With reference to **UNION BANK OF INDIA, Vijayawada** is a bonafide work done by **BHAGI CHANDRIKA** Registered No. **18X41M0005** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Kesava*  
21/8/2021  
**Dr. B KRISHNAIAH, M.COM, MBA, P.T.D**  
Asst. Professor & Project Guide

*B.V.S.S. Subba Rao*  
**B.V.S.S. Subba Rao, M.COM, MBA, P.T.D**  
Project Review Committee

*[Signature]*  
**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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*[Signature]*  
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*B. Krishniah* 21/8/2021

Dr. B. Krishniah, M.Com, MBA, Ph.D.  
 Asst. Professor & Project Guide

*B.V.S.S. Subba Rao*

B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
 Project Review Committee

*Dr. N. Subramanyam*

Dr. N. SUBRAMANYAM  
 Professor & Head

Professor & Head  
 Department of Business Administration,  
 SRK Institute of Technology,  
 Affiliated to JNTU - Kakimada  
 ENIKEPADU, VIJAYAWADA 521 108.

*Principal*

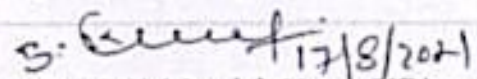
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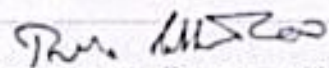


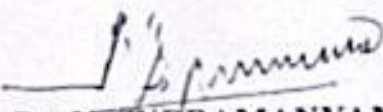
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This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING With reference to **SANTHOSH AUTO MOTIVE, Vijayawada**" is a bonafide work done by **MACHA BHARGAVI** Registered No. 18X41M0019 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
17/8/2021  
**Mr. Dr. B. Krishnaiah** M.com, MBA, Ph.D.  
Asst. Professor & Project Guide

  
**B.V.S.S. Subba Rao**, M.com, MBA (Ph.D.)  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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**SRK INSTITUTE OF TECHNOLOGY**  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT" With reference to KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED COOPERATIVE UNION LTD, VIJAYAWADA is a bonafied work done by PAMIDIPAMULA JYOTSHNA Registered No. 18X41M0029 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah* 21/8/2021  
Dr. B. Krishnaiah, M.Com, MBA, Ph.D.  
Asst. Professor & Project Guide

*B.V.S.S. Subba Rao*  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

*Dr. N. Subramanyam*  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

*Principal*  
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SRK INSTITUTE OF TECHNOLOGY  
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Mr. G. Kiran, M.Com, MBA  
Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M.Com, MBA (PND)  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108

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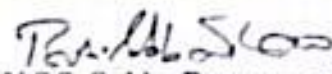


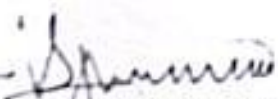
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This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT With reference to DELTA PAPER MILLS Ltd, VENDRA" is a bonafide work done by BOTLA YASHWANTHI Registered No. 18X41M0009 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. G. Kiran, M.B.A., M.B.A.  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.C.M.B.A., P.M.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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ENIKEPADU, VIJAYAWADA





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This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT With reference to KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED CO-OPERATIVE UNION Ltd, Vijayawada" is a bona-fide work done by PATTAPU NAGA SRI DEVI Registered No. 18X41M0032 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. G. Kiran, M. Com, MBA  
Professor & Project Guide

B.V.S.S. Subba Rao, M. Com, MBA, Asst.  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
S.R.K. Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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ENIKEPADU, VIJAYAWADA

# KUSALAVA

Date: 17.08.2021

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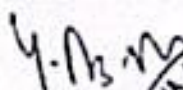
This is to certify that Mr. Shaik Hasan Ali (Rg No.18X4IM0039 ) has completed training on " Employee Engagement " with kusalava international Ltd. as a part of his academic.


The duration of the project was 05th April 2021 to 15<sup>th</sup> May 2021.

He completed the Training successfully as per the requirements of the organization.

We wish him all the best for his academic and professional career ahead.

For Kusalava International Ltd

  
Y.R.B. Prasad  
Head - HR





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VIJAYAWADA

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Enikepadu, Vijayawada - 521 108

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This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT With reference to VARUN LAKSHMI FINANCE PVT Ltd, Vijayawada" is a bonafide work done by VADLAMUDI JYOTHI Registered No. 18X41M0048 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. G. Kiran, M.Com, MBA,  
Asst.Professor & Project Guide

B.V.S.S. Subba Rao, M.Com, MBA (Ph.D)  
Project Review Committee

**DR. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

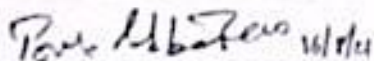
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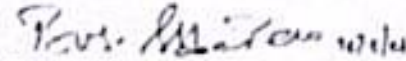


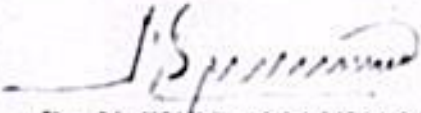
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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT With reference to RADHA MADHAV TOYOTA AUTOMOBILE PRIVATE LIMITED, "Vijayawada" is a Honorable work done by BHAMIDIPATI, S.V.S. SUPRIYA Registered No. 18X41M0006 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. B.V.S.S. SUBBA RAO, M. Com, MBA, Ph.D.  
Asst. Professor & Project Guide

  
B.V.S.S. Subbarao, M. Com, MBA, Ph.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108

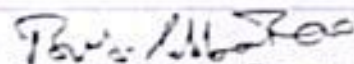
  
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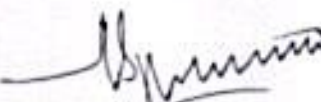
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Enikepadu, Vijayawada - 521 108

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This is to certify that the project entitled "A STUDY ON EMPLOYEE JOB SATISFACTION With reference to DELTA PAPER MILLS Ltd, VENDRA" is a bonafide work done by EPURI PRIYANKA Registered No. 18X41M0013 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. B.V.S.S. Subba Rao, M.Com, MBA  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

  
PRINCIPAL  
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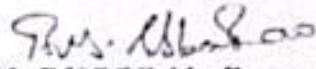
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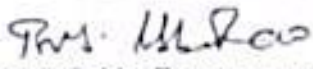
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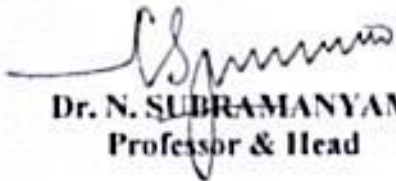
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## CERTIFICATE

This is to certify that the project entitled "A STUDY ON FINANCIAL ANALYSIS THROUGH RATIOS With reference to DELTA PAPER MILLS Ltd, VENDRA" is a bonafide work done by NELLURI PRASHANTH Registered No. 18X41M0025 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. B.V.S.S. Subba Rao, M.Com, MBA,  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



## S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

(An ISO 9001:2015 Certified Institution, Approved by AICTE, Affiliated to JNTU - K)  
Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL with reference to ANDHRA HOSPITAL PVT. Ltd, Vijayawada" is a bonafide work done by PALEPU GOPI Registered No. 18X41M0026 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. B.V.S.S. Subba Rao, M. Com, MBA,( PhD)  
Asst.Professor & Project Guide  
Committee

B.V.S.S. Subba Rao  
Project Review

Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108

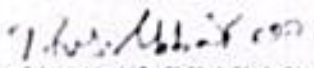
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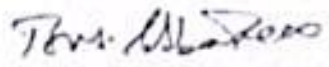
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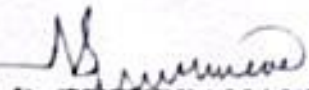


## CERTIFICATE

This is to certify that the Mini project entitled "A STUDY ON INVENTORY MANAGEMENT WITH REFERENCE TO THE KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED CO-OPERATIVE UNION LIMITED, VIJAYAWADA" is a bonafide work done by PILLA.PUJETHA Registered No. 18X41M0034 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of INTEGRATED MBA (Third Year admitted batch of 2018-23) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Integrated MBA.

  
M.B.V.S.S. SUBBARAO MBA, M.Com.(Ph.D.)  
Asst. Professor & Project Guide

  
Mr. B.V.S.S. SUBBARAO MBA, M.Com.(Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA





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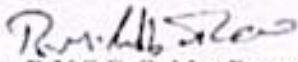
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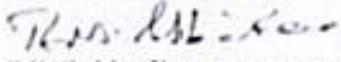
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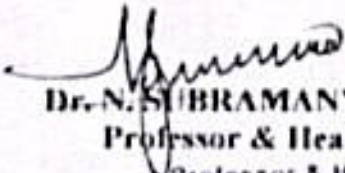
Enikepadu Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "BALANCE SHEET ANALYSIS" With reference to VARUN MOTORS PRIVATE LIMITED, Vijayawada" is a bonafide work done by VIJAY KUMAR, VISALAKSHI Registered No. 18X41M0050 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. B.V.S.S. Subba Rao, M.Com, MBA (Ph.D)  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA (Ph.D)  
Project Review Committee

  
Dr. N. S. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

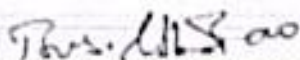
  
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ENIKEPADU, VIJAYAWADA

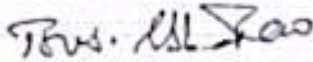


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DEPARTMENT OF BUSINESS ADMINISTRATION  
(An ISO 9001:2008 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)

**CERTIFICATE**

This is to certify that the Mini project entitled "A STUDY ON JOB SATISFACTION WITH REFERENCE TO KUSALAVA INTERNATIONAL PRIVATE LTD.," is a bonafide work done by **ORUGANTI SIVA NAGA JAGADEESH** Registered No. **18X41M0051** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **INTEGRATED MBA** (Third Year admitted batch of 2018-23) in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Integrated MBA.

  
**B.V.S.S. SUBBARAO**, (M.COM/MBA/PAD)  
Asst. professor & Project Guide

  
**B.V.S.S. SUBBARAO**, (M.COM/MBA/PAD)  
Project Review Committee

**Professor & Head**

  
**Dr. N. SUBRAMANYAM**

Professor & Head  
Department of Business Administration,  
**SRK Institute of Technology**,  
Affiliated to **JNTU Kakinada**  
**ENIKEPADU, VIJAYAWADA-521 103.**

  
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**ENIKEPADU, VIJAYAWADA**



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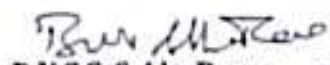
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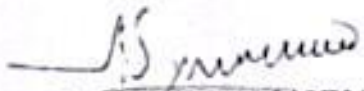
Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING MANAGEMENT" With reference to "ANDHRA HOSPITAL PRIVATE LTD" is a bonafide work done by AVANIGADDA ANUSHA Registered No. 18X41M0003 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veera Bhadra Rao M.Com., MBA, PhD  
Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com., MBA, PhD  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON RATIO ANALYSIS With reference to COCACOLA LTD" MANGALAGIRI is a bonafide work done by **B. MANGA RAJU** Registered No. 18X41M0007 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**DR. M. Veerabhadra Rao**, M.Com, MBA, P.A.D.  
**Professor & Project Guide**

**B.V.S.S. Subba Rao**, M.Com, MBA, P.A.D.  
**Project Review Committee**

**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 103

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**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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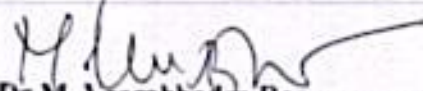
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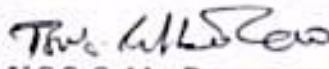
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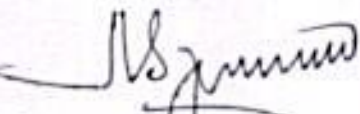
Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON COMPARISON OF STOCK INDICES With reference to SHAREKHAN, VIJAYAWADA" is a bonafide work done by CHOPPA VENKATA LAKSHMI Registered No. 18X41M0012 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.  
Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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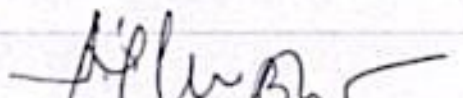
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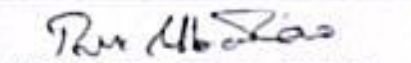
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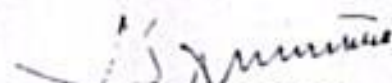
Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON TRAINING & DEVELOPMENT with reference to FORTUNE MURALI PARK Ltd, Vijayawada" is a bonafide work done by MOHAMMAD THAYYABA AFREEN Registered No. 18X41M0023 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao M.Com, MBA, Ph.D.  
Professor & Project Guide

  
V.S.S. Subba Rao, M. Com, MBA (Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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DEPARTMENT OF BUSINESS ADMINISTRATION

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### CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL With reference to GS. ALLOY CASTINGS PRIVATE Ltd, Vijayawada" is a bonafide work done by AVULA DEEPIKA Registered No. 18X41M0004 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. Sk. Shafiqullah, M. Com, MBA, APSET  
Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M. Com, MBA (Ph.D.)  
Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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ENIKEPADU, VIJAYAWADA



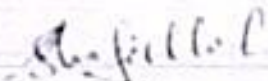
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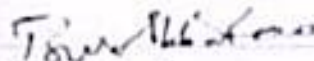
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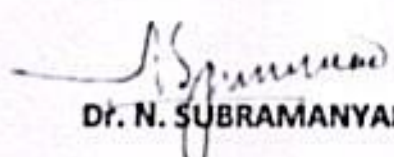
This is to certify that the project entitled "A STUDY ON EXPANSION PROJECT THROUGH CAPITAL BUDGETING With reference to DELTA PAPER MILLS LTD" is a bonafide work done by CHANDRAGIRA TRIVENI Registered No. 18X41M0011 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. SK Shafiqullah, M.COM, MBA, MPT

& Project Guide

  
B.V.S.S. Subba Rao, M.COM, MBA, MPT DE Asst. Professor

Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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ENIKEPADU, VIJAYAWADA

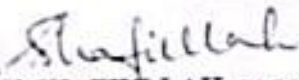


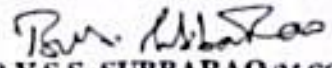


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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2008 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)

**CERTIFICATE**

This is to certify that the Mini project entitled "A STUDY ON STRESS MANAGEMENT WITH REFERENCE TO ANDHRA HOSPITAL PRIVATE LTD.," is a bonafide work done by MASIMUKKU CHANDRIKA Registered No. 18X41M0021 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of INTEGRATED MBA (Third Year admitted batch of 2018-23) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted previously by any person for the degree of Integrated MBA.

  
**Mr. S.K. SHAFIULLAH** (M.COM, MBA, APSET)  
Asst. professor & Project Guide

  
**Mr. B.V.S.S. SUBBARAO** (M.COM, MBA, P.H.D.)  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU - Kakinada  
ENIKEPADU, VIJAYAWADA - 521 105.

  
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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT" With reference to TULASI SEEDS PRIVATE LIMITED, GUNTUR is a bonafide work done by PALLAPU PRUDHVI RAJ Registered No. 18X41M0027 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. Sk Shafiullah, M.Com, MBA, APSET  
Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M.Com, MBA, (P&D)  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRISAL With reference to G.S. ALLOY CASTINGS PRIVATE Ltd, Vijayawada" is a bonafide work done by PULIVARTHI VENKATA MOHAN Registered No. 18X41M0037 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. Sk. Shafiqullah, M. Com, MBA, APSET  
Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M. Com, MBA, (Ph.D.)  
Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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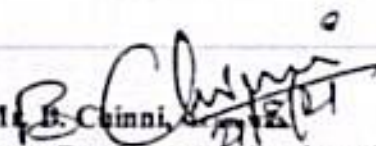
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ENIKEPADU, VIJAYAWADA

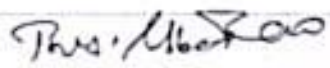


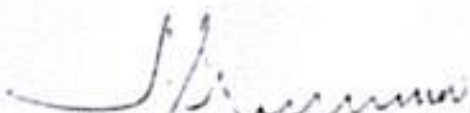
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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU-K)  
Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON STRESS MANAGEMENT With reference to INFOTECH" is a bonafide work done by **M. JOY** Registered No. 18X41M0020 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada.** This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**M. B. Chinni,**  
Asst. Professor & Project Guide

  
**B.V.S.S. Subba Rao,** M.Com, MBA, Ph.D.  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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ENIKEPADU, VIJAYAWADA



# S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

(An ISO 9001:2015 Certified Institution, Approved by AICTE, Affiliated to JNTU-K)

Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL With reference to CREAMLINE DAIRY PRODUCTS Ltd," is a bonafide work done by PATAN AHMAD KHAN Registered No. 18X41M0030 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. B. Chinnu  
Asst. Professor & Project Guide  
21/8/21

B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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ENIKEPADU, VIJAYAWADA



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DEPARTMENT OF BUSINESS ADMINISTRATION

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## CERTIFICATE

This is to certify that the project entitled "A STUDY ON RECRUITMENT AND SELECTION With reference to KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED COOPERATIVE UNION LTD, VIJAYAWADA." is a bonafide work done by PATAN KHALEEL Registered No. 18X41M0031 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. B. Chinnu, M.C.A., M.B.A.  
Asstt. Professor & Project Guide

B.V.S.S. Subba Rao, M.C.A., M.B.A., M.P.A.  
Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head

Department of Business Administration,  
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Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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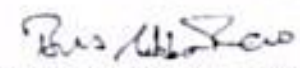


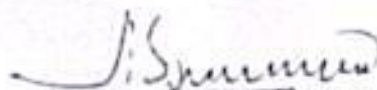
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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT With reference to SANTHOSH AUTOMOTIVE, Vijayawada" is a Bonafede work done by RALLAPALLI GAYATHRI Registered No. 18X41M0038 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. B. CHINN, M. Com, MBA, (Ph.D.)  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M. Com, MBA, (Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
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SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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DEPARTMENT OF BUSINESS ADMINISTRATION

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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON "WAGES AND SALARIES ADMINISTRATION" With reference to ANDHRA HOSPITAL PRIVATE Ltd, Vijayawada" is a bonafide work done by THOOMU, SRAVANI Registered No. 18X41M0045 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology ,Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. B. Chinnai, M.Com, M.B.A.  
Asst. Professor & Project Guide

Mr B.V.S.S. Subba Rao, M.Com, MBA.(Ph.D)  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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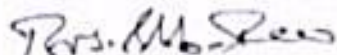


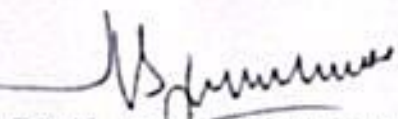
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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON RECRUITMENT&SELECTION With reference to INFOTECH," is a bonafide work done by **B. GOWRI SHANKAR** Registered No. 18X41M0010 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Mr. P. Naga Srinivasa Rao, M.Sc, MBA**  
**Asst. Professor & Project Guide**

  
**B.V.S.S. Subba Rao, M.Com, MBA, Ph.D**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
**Professor & Head**  
Department of Business Administration,  
**SRK Institute of Technology,**  
Affiliated to JNTU Kakinada  
**ENIKEPADU, VIJAYAWADA - 521 108.**

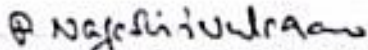
  
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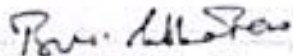


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### CERTIFICATE

This is to certify that the project entitled **"A STUDY ON RECOVERY MEASURES FOR NON-PERFORMING ASSETS With reference to STATE BANK OF INDIA, ONE TOWN BRANCH, VIJAYAWADA"** is a bonafide work done by **NALAM VENKATA TULASI** Registered No. 18X41M0024 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Mr. P. NAGA SRINIVASA RAO, M.Sc, MBA,**  
Asst. Professor & Project Guide

  
**Mr. B. V. S. Subba Rao, M.Com, MBA, Ph.D.**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU - Kakinada  
ENIKEPADU, VIJAYAWADA - 521 108.

  
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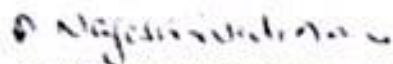
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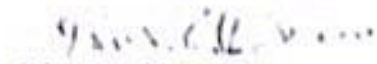
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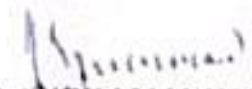
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## CERTIFICATE

This is to certify that the project entitled "A STUDY ON EMPLOYEE JOB SATISFACTION With reference to "KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED COOPERATIVE UNION LTD, VIJAYAWADA" is a bonafide work done by **SHAIK MEHERUNNISA BEGUM** Registered No. **10X41M0010** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada** affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. P. Naga Srinivas Rao, M.B.A.  
Asst. Professor & Project Guide

  
B.V.S.S. Sudha Rao, M.Com, M.B.A, Ph.D.  
Project Review Committee

  
Dr. N. SURRAMANYAM

Professor & Head

Department of Business Administration  
S.R.K. Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA - 521 108

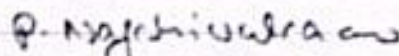
  
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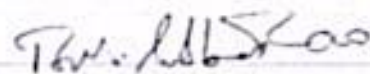
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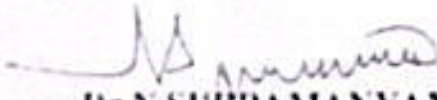
This is to certify that the project entitled "A STUDY ON FUNDS FLOW ANALYSIS With reference to ANDHRA HOSPITAL (VIJAYAWADA) PRIVATE, LTD." is a bonafide work done by SHAIK RIZWANA Registered No 18X41M0042 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.



Mr. P. Naga Srinivasa Rao MSc, MBA  
Asst. Professor & Project Guide



B.V.S.S. Subbarao, M.Com, MBA (Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head  
Professor & Head  
Department of Business Administration,  
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Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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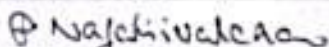
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ENIKEPADU, VIJAYAWADA



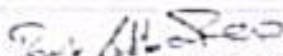
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL With reference to SWEYA INFORMATION TECHNOLOGIES LLP." is a bonafide work done by S. TARUN TEJA Registered No. 18X41M0043 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mr. P. Sagar Srinivasa Rao, M.Sc. MBA

Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com. MBA/Ph.D.

Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Enikepadu, Vijayawada

Enikepadu, Vijayawada - 521 108

  
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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING MANAGEMENT" With reference to MINERVA GRAND Pvt. Ltd, Vijayawada" is a bonafide work done by BOMMIDI NAVYA Registered No. 18X41M0008 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*Urdley*  
Mrs. B. Indira, MCA, MBA  
Asst. Professor & Project Guide

*B.V.S.S. Subba Rao*  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D  
Project Review Committee

*Dr. N. Subramanyam*  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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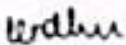
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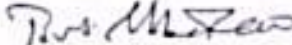


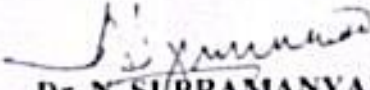
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## CERTIFICATE

This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING With reference to SWEYA INFORMATION TECHNOLOGIES LLP," is a bonafide work done by **KODI MAHESWARI** Registered No. 18X41M0018 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Mr. B. Indira, MCA, MBA**  
**Asst. Professor & Project Guide**

  
**B.V.S.S. Subba Rao, MCA, MBA, PGD**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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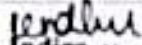
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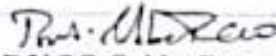
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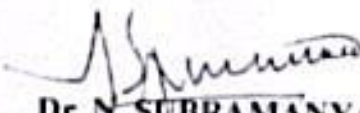
Enikepadu, Vijayawada - 521 108

### CERTIFICATE


This is to certify that the project entitled "A STUDY ON FINANCE AREA With reference to CARGOMEN LOGISTICS PVT.Ltd," is a bonafide work done by PAMARTHY JAHNAVI ESHA Registered No. 18X41M0028 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
B. Indira, M.A., M.B.A.  
(M.B.A., P.D.) Asst. Professor & Project Guide  
Review Committee

  
B.V.S.S. Subba Rao, M.Com., MBA, Ph.D.  
Project

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration  
SRK Institute of Technology  
Affiliated to JNTU Kakinada  
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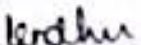
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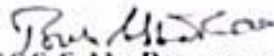
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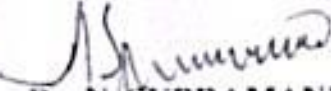
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### CERTIFICATE

This is to certify that the project entitled "A STUDY ON EMPLOYEE BENEFITS AND COMPENSATION With reference to G.S. ALLOY CASTINGS PVT Ltd, Vijayawada" is a bonafide work done by PULIVARTHI VENKATA DHAN Registered No. 18X41M0036 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Ms. B. Indira, MCA, MBA, APNET  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M. Com, MBA, (Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

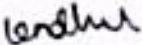
  
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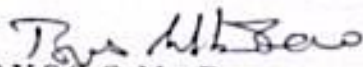


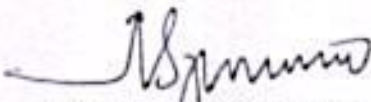
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Erikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON FINANCIAL ANALYSIS THROUGH RATIOS With reference to PRAKASAM MILK PRODUCER COMPANY, ONGOLE DIARY" is a bonafide work done by SHAIK RIYAZ Registered No. 18X41M0041 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA (III YEAR)** in S.R.K. Institute of Technology, Erikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Ms. B. Indira, MCAMBA,  
Asst.Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, (Ph.D)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



## S.R.K. INSTITUTE OF TECHNOLOGY

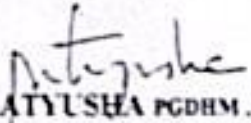
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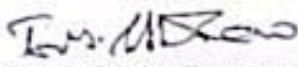
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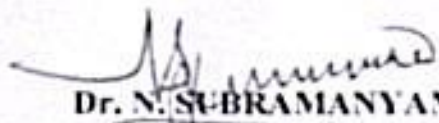
Enikepadu, Vijayawada - 521 108

### CERTIFICATE


This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL" With reference to 3i INFOTECH PRIVATE LTD Navi Mumbai" is a bonafide work done by KAPARAPU RAJU Registered No. 18X41M0016 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mrs. A. PRATYUSHA PGDHM, MBA  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.COM/MBA/P.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



# S.R.K. INSTITUTE OF TECHNOLOGY

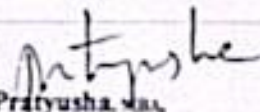
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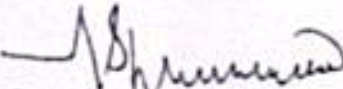
Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT With reference to SRINIVASA EDIFICE PVT.Ltd, Vijayawada" is a bonafide work done by M.ZEESHAN ABBAS Registered No. 18X41M0022 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Mrs. A. Pratyusha, MBA  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA (P&D)  
Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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SRK INSTITUTE OF TECHNOLOGY  
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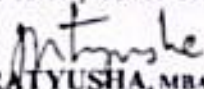
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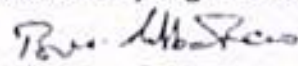
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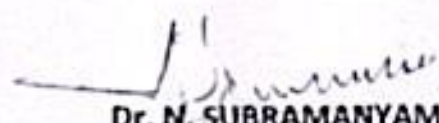
Enikepadu Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON RATIO ANALYSIS With reference to VARUN LAKSHMI FINANCE pvt Ltd, Vijayawada" is a bonafide work done by PATTHI UMA MAHESWARI Registered No. 18X41M0033 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
MS, A PRATYUSHA, MBA  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA (P.N.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
PRINCIPAL

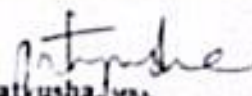
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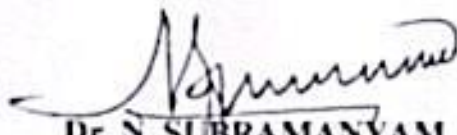
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL With reference to PRAKASAM MILK PRODUCER COMPANY Ltd, ONGOLE DAIREY" is a bonafide work done by PIPPALLA SOHINI Registered No. 18X41M0035 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (III YEAR) in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma

  
A. Pratyusha, M.B.A.  
Asst. Professor & Project Guide

  
B.V.S.S. Subba Rao, M.C.A., M.B.A., P.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

  
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SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



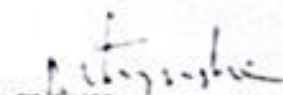
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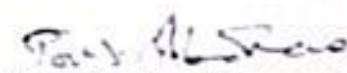
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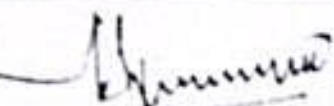
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ENKEPADA, VIJAYAWADA - 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON FUNDS FLOW STATEMENT With reference to The Prakasam Milk Producers Company Ltd, Ongole" is a bonafide work done by **T HARSHITH** Registered No. 18N4IM0046 under my guidance and supervision in partial fulfillment of the requirement for the award of Degree of Master of Business Administration in SRK Institute of Technology, Enkepada, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**A PRATYUSHA**  
Assistant Professor & Project Guide

  
**B.V.S.S. Subba Rao, M.COM, MBA, Ph.D.**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Department of Business Administration  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENKEPADA, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENKEPADA, VIJAYAWADA



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Enikepadu, Vijayawada – 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON DEVELOPING COUNTRIES STOCK INDICES WITH DEVELOPED COUNTRIES STOCK INDICES" With reference to SHAREKHAN PVT.LTD, VIJAYAWADA" is a bonafide work done by SHAIK ABDUL GAFOOR Registered No. 16X41M0001 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah* 6/9/2024

**Dr. B. KRISHNAIAH, M. Com, MBA, Ph.D,**  
Assistant Professor & Project Guide

*B.V.S.S. Subba Rao*

**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**  
Project Review Committee

*Dr. N. Subramanyam*

**Dr. N. SUBRAMANYAM**

Professor & Head

Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

*Principal*

**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA





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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled “A STUDY ON RECRUITMENT AND SELECTION reference to 3IINFOTECH, HYDERABAD ” is a bonafide work done by UJJAVARAPU CHAKRAPANI Registered No. 16X41M0008 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D.**

Asst. Professor & Project Guide

**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**

Project Review Committee

**Dr. N. SUBRAMANYAM**

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON RATIO ANALYSIS With reference to HINDUSTAN COCO - COLA BEVERAGES PVT LTD, ALMAKUR, GUNTUR" is a bonafide work done by KAPARAPU RANI, Registered No. 16X41M0012 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Dr. B. KRISHNAIAH, M.Com, MBA, (Ph.D)  
Assistant Professor & Project Guide

B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

External Examiner

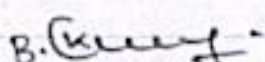
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

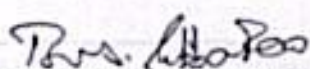


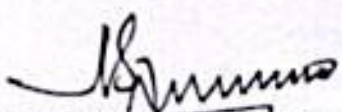
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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**


This is to certify that the project entitled **A STUDY ON "RATIO ANALYSIS"** With reference to **THE KRISHNA DISTRICT MILK PRODUCERS MUTUALLY AIDED CO-OPERATIVE UNION LIMITED, VIJAYAWADA**, is a bonafide work done by **LAVETI SAI KRISHNA** Registered No. **16X41M0016** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. B. KRISHNAIAH, M.Com, MBA, Ph.D**  
Asst. Professor & Project Guide

  
**B.V.S.S.SUBBA RAO, M.Com, MBA, Ph.D**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

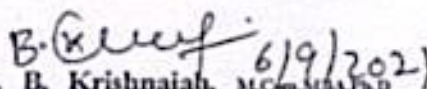
  
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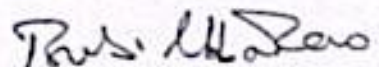


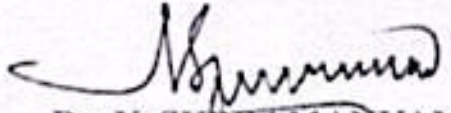
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON CAPITAL BUDGETING With reference to SWEYA INFORMATION TECHNOLOGIES LLP, VISHAKAPATNAM" is a bonafide work done by PARIMISETTI RAJESWARI, Registered No. 16X41M0023 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. B. Krishnaiah, M.Com, MBA, Ph.D.  
Assistant Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

External Examiner

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF BUSINESS ADMINISTRATION  
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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON EQUITY ANALYSIS With reference to Doha Brokerage & Financial Service Securities Ltd, Kerala" is a bonafide work done by PATAN RABBANI Registered No. 16X41M0030 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of IntegratedMBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

*B. Krishnaiah* 6/9/2021  
Dr. B. KRISHNAIAH, M. Com, MBA, Ph.D.,  
Assistant Professor & Project Guide

*B.V.S.S. Subba Rao*  
B.V.S.S. SUBBA RAO, M.Com, MBA. (Ph.D)  
Project Review Committee

*N. Subramanyam*  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

*[Signature]*  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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**DEPARTMENT OF BUSINESS ADMINISTRATION**

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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT" with reference to DELTA PAPER MILLS, WEST GODAVARI" is a bonafide work done by BANDI SAI LAVANYA Registered No. 16X41M0002 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Mr. G. KIRAN, M. Com, MBA,**  
Assistant Professor & Project Guide

**B.V.S.S. SUBBA RAO, M.Com, MBA, Ph.D**  
Project Review Committee

**Dr. N. SUBRAMANYAM**  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

**PRINCIPAL**  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT With reference to CREAM LINE DAIRY PRODUCTS Ltd, Vijayawada" is a bonafide work done by VAISHNAVI SAI PRIYA BOORADA Registered No. 16X41M0003 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

Mr. G. KIRAN, M.Com, MBA

Asst. Professor & Project Guide

B.V.S.S. SUBBARAO, M.Com, MBA, (Ph.D.)

Project Review Committee

Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

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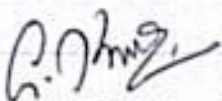
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ENIKEPADU, VIJAYAWADA

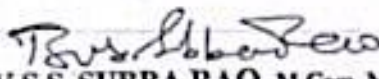


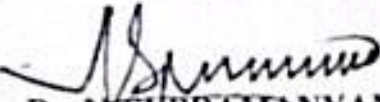
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

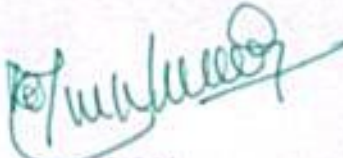
This is to certify that the project entitled "A STUDY ON INCENTIVE MANGEMENT With reference to PRAKASAM MILK PRODUCER COMPANY Ltd, ONGOLE" is a bonafide work done by ITTELA HARASHA VARDHAN Registered No. 16X41M0007 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**G. KIRAN, M. Com, MBA, Ph.D,**  
Assistant Professor & Project Guide

  
**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**





**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORKER PARTICIPATION IN MANAGEMENT" With reference to "DELTA PAPER MILLS LIMITED", VENDRA is a Bonafide work done by PARIMKAYALA GAYATRI Registered No. 16X41M0024 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Mr. G.KIRAN M.com, MBA**  
**Assistant Professor & Project Guide**

**B.V.S.S. SUBBA RAO, M.Com, MBA, (Ph.D)**  
**Project Review Committee**

**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
**Professor & Head**  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled **"A STUDY ON WORKING CAPITAL MANAGEMENT With reference to HITECH PRINT SYSTEMS LIMITED, "EDAAVUTAPALLI"** is a bonafide work done by **PURAMSETTI RAJASEKHAR** Registered No. **16X41M0029** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**Mr. G. KIRAN, M.Com, MBA,**  
**Asst. Professor & Project Guide**

**B.V.S.S. SUBBA RAO, M.Com, MBA, (P.N.D)**  
**Project Review Committee**

**Dr. N. SUBRAMANYAM**  
**Professor & Head**

**Professor & Head**  
**Department of Business Administration,**  
**SRK Institute of Technology,**  
**Affiliated to JNTU Kakinada**  
**ENIKEPADU, VIJAYAWADA-521 108,**

**EXTERNAL EXAMINER**

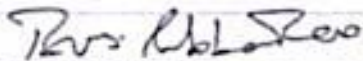
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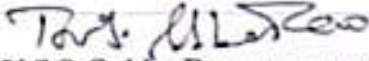


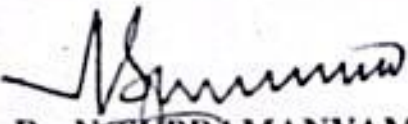
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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada - 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON JOB SATISFACTION With reference to DELTA PAPER MILLS LIMITED,VENDRA" is a bonafide work done by **SHAIK IMTIYAZ** Registered No. 16X41M0006 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**B.V.S.S. Subba Rao, M.Com.,MBA.(P&D)**  
**Professor & Project Guide**

  
**B.V.S.S. Subba Rao, M.Com.,MBA.(P&D)**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
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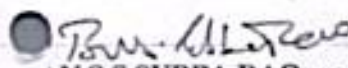
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Enikepadu, Vijayawada – 521 108

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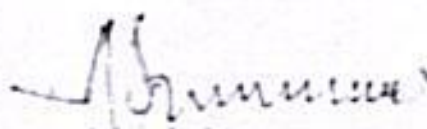
This is to certify that the project entitled "A STUDY ON STRESS MANAGEMENT OF EMPLOYEES" With reference to FOR 3i INFOTECH Ltd, HYDERABAD" is a bonafide work done by KARANAM RUPESH Registered No. 16X41M0014 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
V.S.S.SUBBA RAO M.Com.,MBA,(Ph.D)

Asst. Professor & Project Guide

  
B.V.S.S.SUBBA RAO M.Com.,MBA,(Ph.D)


Project Review Committee

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



# S.R.K. INSTITUTE OF TECHNOLOGY

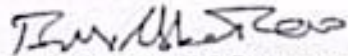
## DEPARTMENT OF BUSINESS ADMINISTRATION

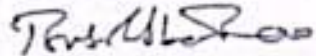
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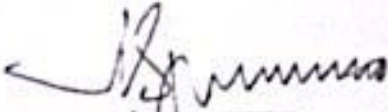
Enikepadu, Vijayawada – 521 108

### CERTIFICATE

This is to certify that the project entitled "A STUDY ON MUTUAL FUNDS With reference to INDIA BULLS" is a bonafide work done by **KOLLI ABHISHEK MAHARSHI** Registered No. **16X41M0014** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** in **S.R.K. Institute of Technology**, Enikepadu, Vijayawada, affiliated to **Jawaharlal Nehru Technological University**, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**B.V.S.S.SUBBA RAO** M.Com, MBA, (Ph.D)  
Asst. Professor & Project Guide

  
**B.V.S.S.SUBBA RAO** M.Com, MBA, (Ph.D)  
Project Review Committee

  
**Dr. N. SUBRAMANYAM**  
Professor & Head

— Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON EXPANSION PROJECT THROUGH CAPITAL BUDGETING" With reference to "DELTA PAPER MILLS Ltd" is a bonafide work done by MULAKALA KOKILA Registered No. 16X41M0020 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

**B.V.S.S. Subba Rao, M.Com, MBA (Ph.D)**  
**Professor & Project Guide**

**B.V.S.S. Subba Rao, M.Com, MBA (Ph.D)**  
**Project Review Committee**

**Dr. N. SUBRAMANYAM**  
**Professor & Head**

**Professor & Head**  
Department of Business Administration  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

**PRINCIPAL**  
**SRK INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA**



# S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

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Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE OF NIFTY INDEX With reference to INDIABULL VENTURES Ltd, Vijayawada" is a bonafide work done by PARAMKAYALA VASAVI Registered No. 16X41M0025 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

B.V.S.S.SUBBA RAO, M.Com, MBA (Ph.D)  
Asst. Professor & Project Guide

B.V.S.S. Subba Rao, M.Com, MBA (Ph.D)  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

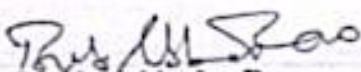
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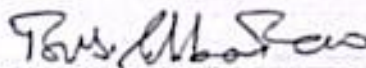


**S.R.K. INSTITUTE OF TECHNOLOGY**  
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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WAGES & SALARY ADMINISTRATION With reference to JERSEY CREAM LINE DAIRY PRODUCTS, Vijayawada" is a bonafide work done by PIATAN YAKUB KHAN Registered No. 16X41M0027 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.,  
Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.  
Project Review Committee

Dr. N. SUBRAMANYAM  
Professor & Head

EXTERNAL EXAMINER

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

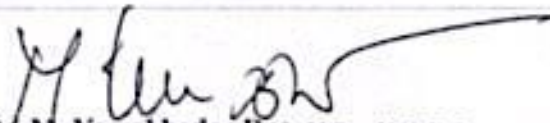


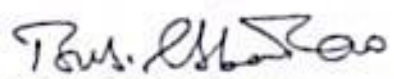


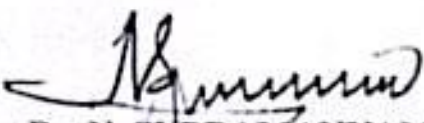
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Enikepada, Vijayawada - 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PUBLIC SECTOR UNDERTAKING MUTUAL FUNDS WITH PRIVATE MUTUAL FUNDS" With reference to **INDIABULLS VENTURES LTD, Vijayawada** is a bonafide work done by **KANCHARLA NAVEEN** Registered No. **16X41M0010** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** in **S.R.K. Institute of Technology, Enikepada, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
**Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.,**  
**Professor & Project Guide**

  
**B.V.S.S. Subba Rao, M.Com, MBA, Ph.D.**  
**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

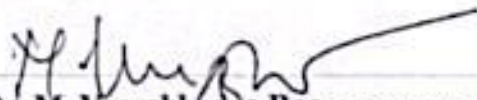
  
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**ENIKEPADU, VIJAYAWADA**

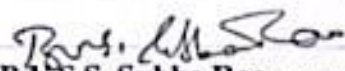


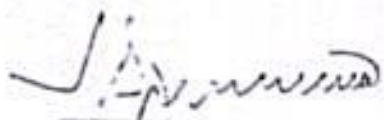
**S.R.K. INSTITUTE OF TECHNOLOGY**  
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(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON FINANCIAL DERIVATIVES (FUTURES & OPTIONS) With reference to SHAREKHAN SECURITIES Ltd, Vijayawada" is a bonafide work done by KANDULA SHYAM BABU Registered No. 16X41M0011 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.,  
Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA (Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

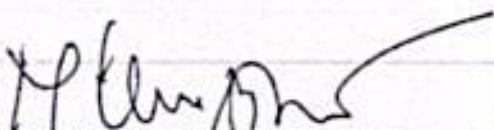
  
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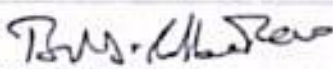


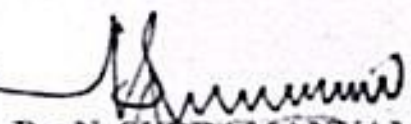
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON FINANCIAL ANALYSIS THROUGH RATIOS With reference to DELTA PAPER MILLS Ltd, WEST GODAVARI" is a bonafide work done by PADALA THEJASWINI Registered No. 16X41M0021 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.,  
Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, Ph.D)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

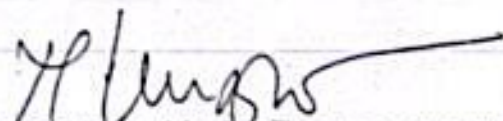
  
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ENIKEPADU, VIJAYAWADA

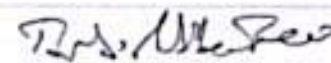


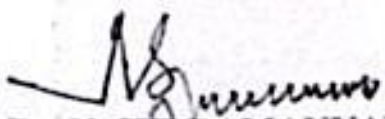
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT With reference to SWEYA INFORMATION TECHNOLOGIES LLP, Visakhapatnam" is a bonafide work done by PATA MANISHA Registered No. 16X41M0028 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.,  
Professor & Project Guide

  
B.V.S.S. Subba Rao, M.Com, MBA, (Ph.D.)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

EXTERNAL EXAMINER

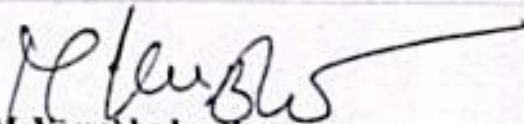
  
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ENIKEPADU, VIJAYAWADA

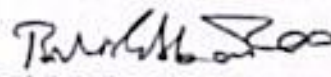


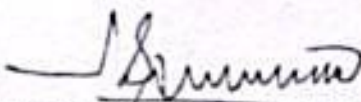
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the project entitled "A COMPARATIVE STUDY OF OPEN ENDED AND CLOSED ENDED MUTUAL FUNDS With reference to SHAREKHAN PVT. Ltd, Vijayawada" is a bonafide work done by RAMINENI SRI MALLIKARJUN Registered No. 16X41M0031 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** in S.R.K. Institute of Technology, Enikepadu, Vijayawada, affiliated to Jawaharlal Nehru Technological University, Kakinada. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

  
Dr. M. Veerabhadra Rao, M.Com, MBA, Ph.D.,  
Professor & Project Guide

  
B.V.S.S. Subba Rao M.Com, MBA, Ph.D)  
Project Review Committee

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
ENIKEPADU, VIJAYAWADA-521 108.

**EXTERNAL EXAMINER**

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



**S.R.K. INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2015 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the project entitled "A STUDY ON PERFORMANCE APPRAISAL, with reference to 3i INFOTECH Ltd, Hyderabad" is a bonafide work done by **UMA MAHESWARI VARRE** Registered No. **16X41M0032**.under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **INTEGRATED MBA** in **S.R.K. Institute of Technology, Enikepadu, Vijayawada**, affiliated to **Jawaharlal Nehru Technological University, Kakinada**. This work is original and the same has not been submitted to any other University or Institution for the award of any Degree or Diploma.

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