

12-11-19 (A)

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**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that the major project report entitled **“EXPERIMENTAL INVESTIGATION OF FLY ASH AND GGBS BASED ON GEOPOLYMER CONCRETE BY USING DIFFERENT MOLARITIES”** submitted by **G.VENKATA SAMBA SIVA RAO (15X41A0106)**, **MD. ABDUL RAHEEM (15X41A0118)**, **M.DURGA BHAVANI (15X41A0125)** and **N.SRI LAKSHMI (15X41A0144)** 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 degree of **Bachelor of Technology in Civil Engineering** during the academic year 2018-2019.

*K. Chandra Padmakar*  
Signature of the guide

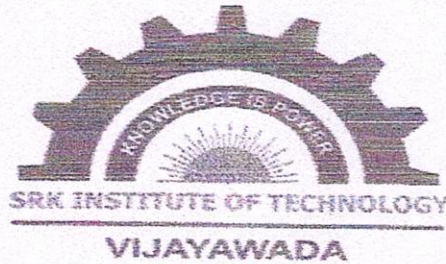
*J. Lakshmi*  
Signature of HOD  
30/3/19

*K. S. G. R.*  
Signature of the External  
30/3/19

*[Handwritten Signature]*

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**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to Certify that the project "A CASE STUDY ON ESTABLISHING AN ECO-STP IN PLACE OF TRADITIONAL STP" being submitted by K.HARI KRISHNA (15X41A0109), T.V.N. PHANI VARMA (15X41A0117), SK.MD ZABI ULLA (15X41A0135), S. SARADHI (15X41A0142), P. YASWANTH (16X45A0104) is the bonafide work carried under the guidance of Sri. J. PURNA CHANDRA RAO, Assistant Professor, in the partial fulfilment of the requirements for the award of the degree in Bachelor of Technology in 'Civil Engineering' during the academic year 2018-2019 .

*J.P.C. 28/3/19*  
J.PURNA CHANDRA RAO

*D.T.S. Satyanarayana*  
D.T.SATYANARAYANA  
30/3/19

*[Signature]*  
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**CERTIFICATE**

This is to Certify that the project "EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF LIGHT WEIGHT AGGREGATE (PUMICE STONE) CONCRETE" being submitted by M.Akhila, J.Sri Ram, T.Vara Prasad, G.Jaya Surya is the bonafide work carried under the guidance of M.karthik khumar; Assistant Professor in the partial fulfillment of the requirements for the award of the degree in Bachelor of Technology in 'Civil Engineering' during the academic year 2018-2019.

*[Handwritten Signature]*  
Signature of the Guide  
30/3/19

*[Handwritten Signature]*  
Signature of the HOD  
30/3/19

*[Handwritten Signature]*  
Signature of the External  
30/3/19

*[Handwritten Signature]*

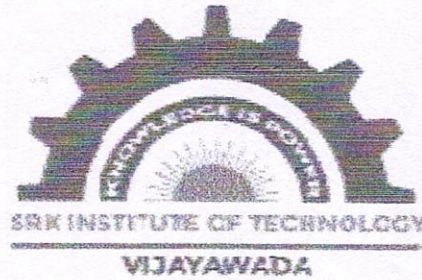
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### CERTIFICATE

This is to certify that the major project entitled "DESIGN OF A SURPLUS WEIR FOR REHABILITATION OF KOTHACHERUVU LAKE AT MALAVELLI" submitted by B.NAGARJUNA REDDY (15X41A0101), K.YAMINI (15X41A0114), L.SAIKIRAN (15X41A0123), P.SAI PRAVEEN(15X41A0133), CH.KALYAN(16X45A0110) as a record of the work carried out by them, is accepted as a bonfire work report submission in partial fulfilment of the requirement for the award of the degree of Bachelor Of Technology during the academic year 2018-2019.

*J.P.C.*  
28/3/19  
(Sri. J.PURNA CHANDRA RAO)

Signature of the guide

*D.T.S.*  
(Dr.T.SATYANARAYANA)

H.O.D

30/3/19

*K.S.G.*  
20319  
Signature of the external

*[Handwritten Signature]*

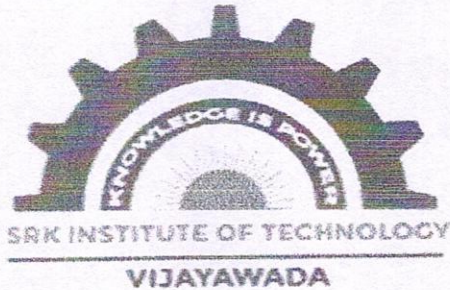
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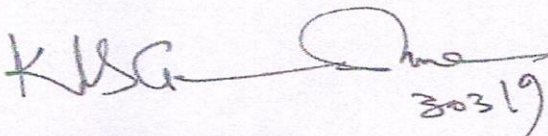


**CERTIFICATE**

This is to certify that the major project report entitled **“EXPERIMENTAL STUDY ON PARTIALLY REPLACEMENT OF CEMENT WITH FLY ASH AND PVA FIBERS IN CONCRETE** “submitted by **T.SIVA RAMA KRISHNA (15X41A0115),D.SAI RATNA VYSHNAVI (15X41A0119), P. LAKSHMI PRASANNA (16X45A0107) , CHIVENKATA SURYA TEJA (14X41A0149) and M. VIVEK (14X41A0153)** 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 degree of **Bachelor of Technology** in Civil engineering during the academic year 2018-2019.

  
Mrs. E. USHA SREE, M.TECH  
(Signature of the guide)

  
Dr.T.SATYANARAYANA  
(Signature of HOD) 30/3/19

  
Signature of the External 30/3/19



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**CERTIFICATE**

This is to certify that the Major Project Report entitled "PARTIALLY REPLACEMENT OF SOIL STABILIZATION BY USING ADMIXTURES FOR SOIL STABILIZATION" submitted by K.SURYA TEJA (15X41A0129), B.MAHESH (15X41A0136), K.RAJU (16X45A0109) as a record of the work carried out by them, Is accepted as a bonafide work report submission in partial of the requirements for the award of the degree of **Bachelor of Technology** during the academic year 2018-2019.

*[Signature]*  
Signature of the Guide

*[Signature]*  
Signature of the H.O.D-CE

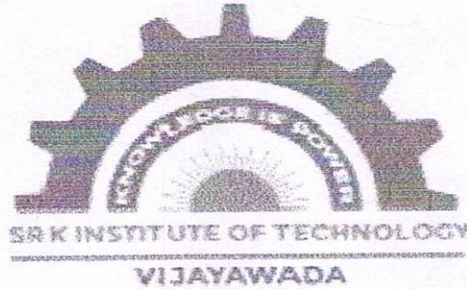
30/3/19

*[Signature]*  
Signature of the External

*[Signature]*

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**CERTIFICATE**

This is to certify that the major project entitled “**PARTIAL REPLACEMENT OF FINE AGGREGATE WITH COPPER SLAG IN STEEL FIBRE REINFORCED CONCRETE**” submitted by **CH. ASHOK REDDY (15X41A0111), N.SATYANARAYANA (15X41A0122), M.RAJESH BABU (15X41A0128), R.VIJAY KUMAR (16X45A0105)** as a record of the work carried out by them, is accepted as a bonafide work report submission in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** during the academic year 2018- 2019.

*chm*  
2/4/19  
Signature of the guide

*T. Lakshay*  
Signature of the H.O.D  
2/4/19

*Mk*  
Signature of the external

*[Handwritten Signature]*

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**CERTIFICATE**

This is to Certify that the project "ASSESSMENT OF GROUND WATER QUALITY AROUND AJITH SINGH NAGAR DUMPYARD IN VIJAYAWADA" being submitted by U.PAVAN KALYAN (15X41A0102), A.SAI LAKSHMI (15X41A0113), P.ANUPAM SRINIVAS (15X41A0126), S.SRINIVASA REDDY (15X41A0132) is the bonafide work carried under the guidance of **N. KRANTHI REKHA** M.TECH, Assistant Professor in the partial fulfillment of the requirements for the award of the degree in Bachelor of Technology in **CIVIL ENGINEERING** during the academic year 2018-2019.

*N. Kranthi Rekha*  
Signature of Guide 30/3/19

*KSA*  
Signature of External 20/3/19

*T. Lakshmi*  
Signature of  
30/3/19  
H.O.D - C.E

*[Handwritten Signature]*

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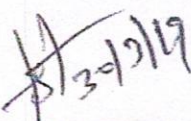
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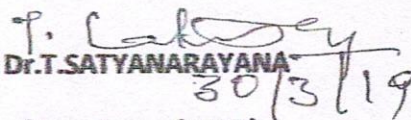
**DEPARTMENT OF CIVIL ENGINEERING**

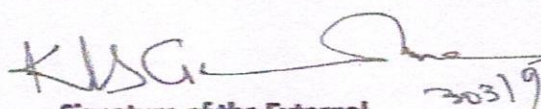


**CERTIFICATE**

This is to certify that the major project report entitled "EXPERIMENTAL STUDY ON BLACK COTTON SOIL BY ADDING PLASTICWASTE" submitted by S.RAVINDRA (15X41A0121), G.HIMABINDU (15X41A0138), MASHOK (15X41A0143) and S.DIVYA (16X45A0103) as a part 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 degree of Bachelor of Technology in Civil engineering during the academic year 2018-2019.

  
Ms. M.SOWMYA M.TECH  
(Signature of the guide)

  
Dr.T.SATYANARAYANA  
(Signature of HOD)

  
Signature of the External



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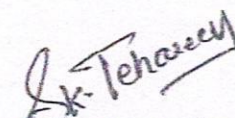
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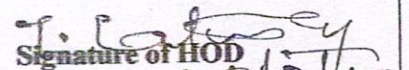
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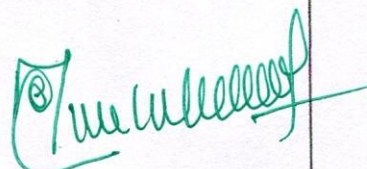
**CERTIFICATE**

This is to certify that the major project report entitled "EXPERIMENTAL STUDY ON STEEL FIBER REINFORCED CONCRETE WITH REPLACEMENT OF CEMENT WITH FLY ASH" submitted by M.PAVAN KUMAR (15X41A0110), M.SIVA SURYA (15X41A0131), and M.SWETHA MAHESWARI (16X45A0102) 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 degree of Bachelor of Technology in Civil engineering during the academic year 2018-2019.

  
Signature of the guide

  
Signature of HOD  
30/3/19

  
Signature of the External  
20/3/19

  
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# ENIKEPADU, VIJAYAWADA

A.Y.2018-2019

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### CERTIFICATE

This is to certify that the major project report entitled "IMPROVING PROPERTIES OF SOIL BY ADDITION OF POLYPROPYLENE FIBER" submitted by M.PAVAN KUMAR (15X41A0103), A.ADI REDDY (15X41A0112), R.LOKESH (15X41A0120), and P.HEMA SRI (16X45A0108), 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 degree of **Bachelor of Technology** in **Civil engineering** during the academic year 2018-2019.

*K. Kumar*

Signature of the guide

*T. Lakshmi*  
Signature of HOD  
30/3/19

*KUSG*

Signature of the External

*[Handwritten Signature]*

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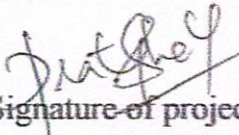
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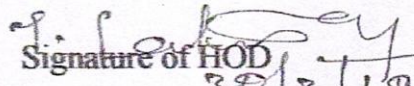
**DEPARTMENT OF CIVIL ENGINEERING**

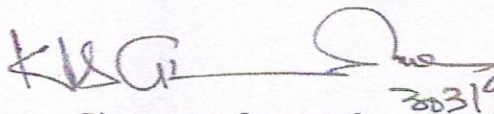


**CERTIFICATE**

This is to certified that the Project entitled “**ANALYSIS AND DESIGN OF MULTI STOREY BUILDING WITH AND WITH OUT SHEARWALL USING STAADPRO**” that is being submitted by **Ms. A. CHAITANYA (15X41A0108), Mr. K. JAYANTH (15X41A0127), Mr. A. KHALEEL (15X41A0130), Mr. R. SAI SRINIVAS (15X41A0140)** is the bonafied work carried under the guidance of **Y.PRATHYUSHA** in the partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Civil Engineering** during the academic year 2018-2019.

  
Signature of project guide

  
Signature of HOD  
30/3/19

  
Signature of external  
30/3/19



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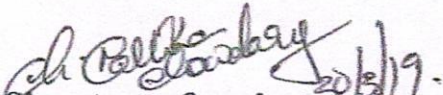
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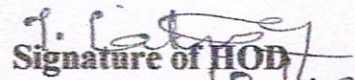
**DEPARTMENT OF CIVIL ENGINEERING**

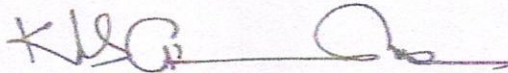


**CERTIFICATE**

This is to certified that the Project entitled "PARTIAL REPLACEMENT OF CEMENT WITH CERAMIC WASTE POWDER IN CONCRETE(M25)" that is being submitted by A. SAI KRISHNA SRI (15X41A0116), SK. AZEEM (15X41A0134), S. MAHESH SAI (15X41A0137), V. SURYA SAI KRISHNA (16X45A0106) is the bonafied work carried under the guidance of CH. MALLIKA CHOWDARY in the partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering during the academic year 2018-2019.

  
Signature of project guide

  
Signature of HOD  
30/3/19

  
Signature of external 30/3/19



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**CERTIFICATE**

This is to Certify that the project “**EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF IRON SLAG BY FINE AGGREGATE IN CONVENTIONAL CONCRETE**” being submitted by **D.SOWJANYA (15X41A0107), P.LOKESH (15XA0124), K.BHARAT (15X41A0139), S.VENKATA ABHILASH (15X41A0145)** is the bonafide work carried under the guidance of **G.SAHITHI, M.Tech** in the partial fulfilment of the requirements for the award of the degree in Bachelor of Technology in ‘**Civil Engineering**’ during the academic year 2018-2019 .

*G. Sahithi*  
**Signature of the Guide**

*J. Lakshmi*  
**Signature of the HOD**  
30/3/19

*K. S. R. A.*  
**Signature of the External** 20/3/19

*[Handwritten Signature]*


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**ENIKEPADU, VIJAYAWADA-521 108.**

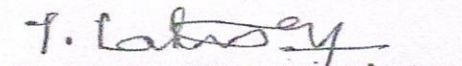
18-19


## CERTIFICATE

This is to certify that the major project report titled "COMPARATIVE STUDY ON STABILIZATION OF EXPENSIVE SOIL WITH BUILDING WASTE AND POTASSIUM CHLORIDE" submitted by V.Sai Kiran - 15X41A0179 S.Siva Gangadhar Reddy - 15X41A0181, M.Rakesh - 16X45A0116, Sk.LalBasha - 16X45A0119

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 degree of **Bachelor of Technology** in **Civil engineering** during the academic year 2018-2019.

  
K.CHANDRA PADMAKAR, M.Tech  
(Signature of the guide)

  
Dr. T SATYANARAYANA, Ph.D  
(Signature of HOD)

  
Signature of the External

  
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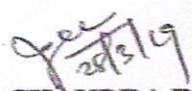


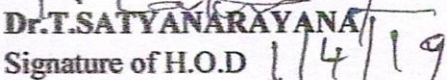
SRK INSTITUTE OF TECHNOLOGY


VIJAYAWADA


**CERTIFICATE**

This is to certify that the major project report entitled "STUDY ON EFFECT OF MARBLE DUST AND RICE HUSK ASH ON COMPACTION BEHAVIOUROF RED SANDY SOIL" submitted by TULLIMILLI HIMA VARDHINI (15X41A0149), BATTULA PURUSHOTHAM (15X41A0153), DARAM PRAVEEN (15X41A0171), Y.NAGARAJU (15X41A0174) and CHIMATA LILATHA(16X45A0121), as a record of the work carried out by them, is accepted as a bonafied wok report submission in partial fulfilment of the requirements for the awards of degree of Bachelor of Technology in Civil Engineering during the academic year 2018-2019.

  
J.PURNA CHANDRA RAO  
Signature of Project Guide

  
Dr.T.SATYANARAYANA  
Signature of H.O.D 1/14/19

  
Signature of the External

  
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**CERTIFICATE**

This is to certify that the Major Project Report entitled "AN EXPERIMENTAL STUDY ON IRON ORE TAILINGS AS REPLACEMENT OF FINE AGGREGATE IN CONCRETE" submitted by N. SRAVAN KUMAR (15X41A0157), G. SAI KIRAN (15X41A0170), CHLLIKHITA (16X45A0120), V. VIJAY SEKHAR (16X45A0129), K. DURGA PRASAD (16X45A0131) as a record of the work carried out by them, is accepted as a bonafide work report submission in partial of the requirements for the award of the degree of Bachelor Of Technology during the academic year 2018-2019

*E* 30/3/19  
Mrs. E. USHA SREE, M TECH  
Signature of the Guide

*T. Satyanarayana*  
Dr. T. SATYANARAYANA, Ph.D  
21/4/19  
Signature of the H.O.D

*M*  
Signature of the External

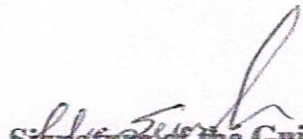
*[Signature]*  
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**CERTIFICATE**

This is to certify that the Major Project Report entitled "OPTIMUM REPLACEMENT OF WASTE MARBLE CHIPS WITH AGGREGATES AND MARBLE DUST WITH CEMENT IN CEMENT IN M25 CONCRETE" submitted by CH. ND SHALINI (15X41A0177), J. PREM SAI (15X41A0178), V. NAGALAKSHMI (16X45A0112) as a record of the work carried out by them, Is accepted as a bonafide work report submission in partial of the requirements for the award of the degree of Bachelor of Technology during the academic year 2018-2019.

  
Signature of the Guide

  
Signature of the H.O.D.  
30/3/19

  
Signature of the External



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**CERTIFICATE**

This is to certified that the Project entitled “**STRENGTH PROPERTIES OF CONCRETE BY USING PALM OIL FUEL ASH AS A PARTIAL REPLACEMENT OF CEMENT**” that is being submitted by **S.NAVEEN KUMAR (15X41A0146), P.DILEEP (15X41A0169), J.V.DURGA RAO (16X45A0123), M.SAI KUMAR (16X45A0127)** is the bonafied work carried under the guidance of **V.CHINNI** in the partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Civil Engineering** during the academic year 2018-2019.

*chms*  
2/4/19  
Signature of project guide

*J. Lath...*  
Signature of HOD  
2/4/19

*M...*  
Signature of external

*[Handwritten signature in green ink]*

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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

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**DEPARTMENT OF CIVIL ENGINEERING**



This is to certify that the Major project Report entitled, "EXPERIMENTAL STUDY ON GLASS POWDER AS REPLACEMENT OF CEMENT IN CONCRETE" Submitted by V.PRIYANKA (15X41A0160), R.BABYRAJU (15X41A0164), B.MARTHAMMA (15X41A0166), N.S.L.NARASIMHA RAO (16X45A0122), and T.LIKITHA (16X45A0130) 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 requirements for the award of the degree of **Bachelor of Technology in Civil Engineering** during academic year 2018-2019.

*T. Likitha*  
1/4/19  
**Project Guide**

*J. Lakshmi*  
1/4/19  
**Head of Department**

*M. S. S. S.*  
**External Examiner**

*[Signature]*  
**PRINCIPAL**  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

# S.R.K INSTITUTE OF TECHNOLOGY

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## DEPARTMENT OF CIVIL ENGINEERING



### CERTIFICATE

This is to certify that this project report entitled "EXPERIMENTAL PRODUCTION AND COMPARISON OF BIOGAS USING COW DUNG, POULTRY WASTE AND VEGETABLE WASTE" being submitted by G. Mahesh Babu( 15X41A0148), M. Gowtham (15X41A0173), D. Ganesh (16X45A0118), M. Kavitha (16X45A0126) is bonafide record of 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 in Civil Engineering during the academic year 2018-2019.

*N. Kranthi Reddy*  
29/3/19  
SIGNATURE OF THE GUIDE

*T. Lakshmi*  
2/4/19  
SIGNATURE OF THE H.O.D

*M/S*  
SIGNATURE OF THE EXTERNAL

*[Handwritten Signature]*

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**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled "INFLUENCE OF CRUMB RUBBER ON GEO-TECHNICAL PROPERTIES OF CLAYEY SOIL" being submitted by Mr.V.Jagadishkumar, Mr.N.Sivakumar, Mr.M.JaganDatta, Ms.M.S.K.Naga Mallika, is bonafide workcarried out under the guidance of Ms.M.Sowmya in Bachelor of Technology during the academic year 2018-2019

*M. Sowmya* 2/4/19  
SIGNATURE OF THE GUIDE

M.Sowmya , M.Tech

*T. Satyanarayana*  
SIGNATURE OF THE HOD  
2/4/19

Dr. T.Satyanarayana, Ph.D

*Mheev*  
SIGNATURE OF THE EXTERNAL

*Principal*

PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

A.Y 2018 – 2019.

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

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**CERTIFICATE**

This is to certify that the major Project entitled “ **STABILAZATION OF BLACK COTTON SOIL BY USING POND ASH**” submitted By **G.AKSHITH (15X41A0152), K.SANJAY (15X41A0155), N.JAGADEESH (15X41A0158), K.RAVINDRA BABU (16X45A0125), G.PAWAN KUMAR (16X45A0128)** 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** in **Civil Engineering** during the academic year 2018-2019.

*K. Kumar*

**Signature of the Guide**

*T. Lakshmi*  
**Signature of the H.O.D**  
2/4/19

*M.S.*

**Signature of the External**

*M. Subbaraj*

**PRINCIPAL**

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**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certified that the Project entitled "ANALYSIS AND DESIGN OF SOFT STOREY BUILDING WITH AND WITHOUT BRACINGS USING STAAD PRO" that is being submitted by V. MADHU BABU (15X41A0161), B. YEDUKONDALU (15X41A0167), K.TARUN (15X41A0175), S.REVANTH (16X45A0111), N.SYAM NAIK (16X45A0132) is the bonafied work carried under the guidance of Y.PRATHYUSHA in the partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Civil Engineering** during the academic year 2018-2019.

*Y. Prathyusha*  
Signature of project guide

*T. Lakshmi*  
Signature of HOD  
11/4/19

*M/S*  
Signature of external

*Chandrasekar*  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

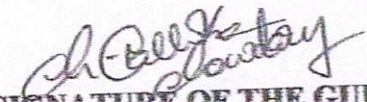



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**(ISO 9001 Certified institution)**  
**DEPARTMENT OF CIVIL ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled "PARTIAL REPLACEMENT OF FINE AGGREGATE WITH RED SOIL IN M20 GRADE CONCRETE" being submitted by Mr. P.Suraj, Mr. K.Venkatesh, Ms. R.Sri lakshmi, Mr. K.Harsha vardhan, is bonafide work carried out under the guidance of Ms. Ch.Mallika Chowdary in the partial fulfilment of the requirements for the award of the degree in Bachelor of Technology in 'Civil Engineering' during the academic year 2018-2019 .

  
SIGNATURE OF THE GUIDE

  
SIGNATURE OF THE HOD  
2/4/19

  
SIGNATURE OF THE EXTERNAL

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

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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 COCONUT SHELL" submitted by P. SAI KUMAR (16X45A0115), O. MINNU (16X45A0117), P. AKHIL (15X41A0159), M.PRAVEEN KUMAR (15X41A0156) is the bonafide work carried under the Guidance of Mrs. G. SAHITHI M.Tech in partial fulfillment of the requirements for the award of the degree in bachelor of technology in 'Civil Engineering' During the academic year 2018-2019.

*G. Sahithi*  
Signature of the guide

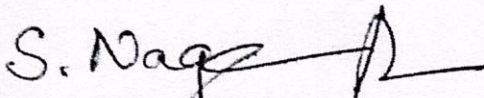
*P. Lakshmi*  
Signature of HOD  
2/4/19

*W*  
Signature of the External

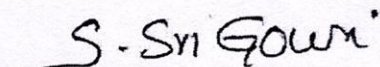
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

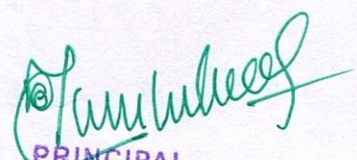
This is to certify that the project report entitled "SIMULATION OF SINGLE-STAGE FUEL CELL TO GRID INTERFACE WITH MULTILEVEL CURRENT SOURCE INVERTER" is a bonafide record of work carried out by V.Vijayalakshmi(15X41A0215),G.Pavani(15X41A0218),G.Srinu(15X41A0220) under my guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Mr. S.NAGESWARA RAO

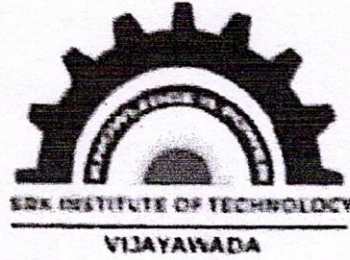
(PROJECT GUIDE)

  
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 "SIMULINK MODEL PARTICLE SWARM OPTIMIZATION BASED MPPT FOR PV WITH REDUCED STEADY STATE OSCILLATION" is a bonafide record of work carried out by A.NAGALAKSHMI (15X41A0203), A.CHAITANYA (15X41A0210), V.VIKRAM SAI (16X45A0208), M.T.SAIPRAKASH (16X45A0210), under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

*K. Satyanarayana*  
(PROJECT GUIDE)

**Mr. K.SATYANARAYANA**

(Asst.Professor)

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

**Dr. S. SRI GOWRI**

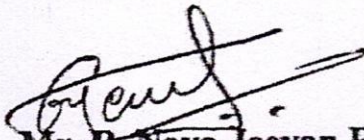
(Professor)

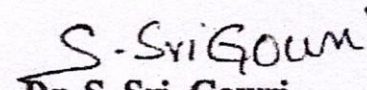
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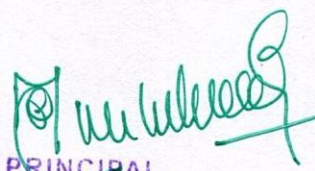
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "IMPROVED FOUR LEG VSI CONTROLLED RES FED FACT DEVICE FOR POWER QUALITY IMPROVEMENT UNDER DYNAMIC STATE" is a bonafide record of work carried out by B. Mounika (15X41A0207), P. Triveni (16X45A0224), I. Chandra kiran (16X45A0207), P.Chaitanya (15X41A0212), under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

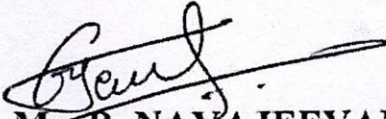
  
Mr. B. Nava Jeevan Reddy  
(PROJECT GUIDE)

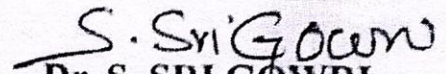
  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

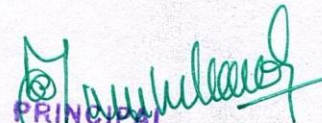
  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

This is to certify that the project report entitled "AN EFFICIENT CONSTANT CURRENT CONTROLLER FOR PV SOLAR POWER GENERATOR INTEGRATED WITH THE GRID" is a bonafide record of work carried out by (A.Sahithi)(15X41A0208),(CH.Hepsiba)(16X45A0206),(A.RanadheerKumar) (15X41A0221),(V.Brahma Naidu) (16X45A0214) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING of Jawaharlal Nehru Technological University, Kakinada.

  
Mr. B. NAVAJEEVAN REDDY  
(PROJECT GUIDE)

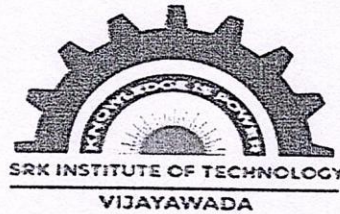
  
Dr. S. SRI GOWRI  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

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Enikepadu, Vijayawada - 521108, Krishna District, Andhra Pradesh, India

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CERTIFICATE

This is to certify that the project report entitled "HIGH EFFICIENCY SOFT SWITCHING AC-DC CONVERTOR USING SINGLE POWER CONVERSION METHOD" is a Bonafide record of work carried out by V.Nithin Ratna Sai (15X41A0201), S.Karthik (16X45A0201), G.Indu (16X45A0209), G.Prudhvi (16X45A0218), under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

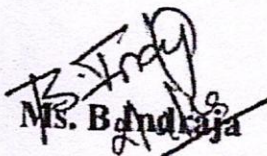
*N.E.K. Chandra*  
Mr. N. E. Keerthi Chandra  
(PROJECT GUIDE)

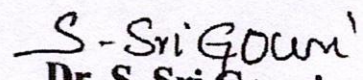
*S. Sri Gowri*  
Dr. S. Sri Gowri  
(HEAD OF THE DEPARTMENT)

*[Signature]*  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

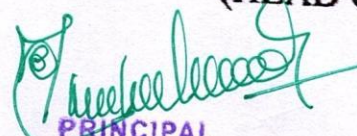
## CERTIFICATE

This is to certify that the project report entitled "TIME SHARED BUCK-BOOST CONVERTER BASED ON H-BRIDGE INVERTER FOR GRID TIED AND STANDALONE APPLICATIONS" is a bonafide record of work carried out by Y.SAI DEEPTHI (15XA1A0206), CH.VINEETHA (15X41A0222), G.NAGA GURVAIAH(16X45A0204), K.LOKESH (16X45A0219), Under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Ms. B. Andkaja  
(PROJECT GUIDE)

  
Dr. S. Sri Gowri

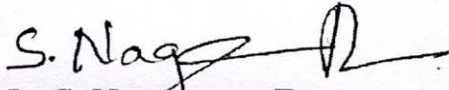
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA



## CERTIFICATE


This is to certify that the project report entitled "A COMBINATION OF SHUNT HYBRID POWER FILTER AND THYRISTOR CONTROLLED REACTOR FOR POWER QUALITY" is a bonafide record of work carried out by D. Venkata Kamesh(16X45A0213),P.Chandrakala(15X41A0216),N.NithinKumar(15X41A0211), N. Baaswanth Sai(16X45A0215) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University Kakinada.

  
Mr. S. Nageswara Rao

(PROJECT GUIDE)

  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)

  
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Enikepada, Vijayawada - 521108, Krishna District, Andhra Pradesh, India.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



## CERTIFICATE

This is to certify that the project report entitled by "DESIGN OF PV ARRAY WITH COMPARISON OF P&O AND FUZZY LOGIC BASED MPPT" is a bonafide record of work carried out K.HARIKA [15X41A0205], R.RAVI KUMAR [15X41A0209], Y.PANDYA [16X45A0205], T.PAVAN KUMAR [15X41A0225], under my guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

*K. Satyanarayana*  
(PROJECT GUIDE)

Mr. K. SATYANARAYANA

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

Dr. S. Sri Gowri

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

## CERTIFICATE

This is to certify that the project report entitled "NEW APPROACH OF INCREMENTAL CONDUCTANCE ALGORITHM FOR MAXIMUM POWER POINT TRACKING BASED ON FUZZY LOGIC" is a bonafied record of work carried out by T.YASHODA (16X45A0221), V.PRIYANKA (14X45A0211), B.SAI KISHORE (16X45A0211), K.SRI BHARGAV (15X41A0229), under my guidance and supervision in partial fulfilment of the requirements for award of the degree of Bachelor of Techonology in Electrical and Electronics Engineering of Jawaharlal Nehru Techonological University, Kakinada.

*K. Satyanarayana*  
PROJECT GUIDE

Mr. K. SATYANARAYANA  
Assistant Professor

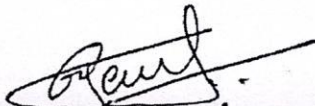
HEAD OF THE DEPARTMENT

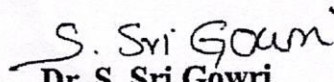
*S. Sri Gowri*  
DR. S. SRI GOWRI  
Professor


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

## CERTIFICATE

This is to certify that the project report entitled "New Grid-tied Cascaded Multilevel Inverter Topology with Reduced Number of Switches" is a bonafide record of work carried out by D. Pavani, D.Manisha, T.Yaswanth, K.Narendra Kumar under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University Kakinada.

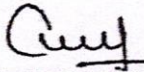
  
Mr. B. Navajeevan Reddy  
PROJECT GUIDE

  
Dr. S. Sri Gowri  
HEAD OF THE DEPARTMENT

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOG  
ENIKEPADU, VIJAYAWADA

## CERTIFICATE

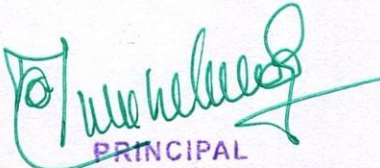
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N.E.K.   
Mr. N.E.K.CHANDRA

(PROJECT GUIDE)

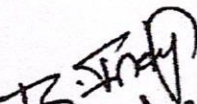
S. Sri Gowri  
Dr. S. SRI GOWRI

(HEAD OF THE DEPARTMENT)

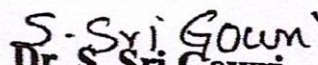
  
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## CERTIFICATE

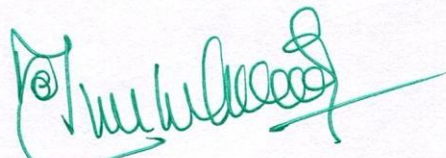
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Ms. B. Indira

(PROJECT GUIDE)

  
Dr. S. Sri Gowri

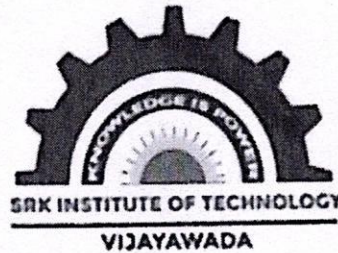
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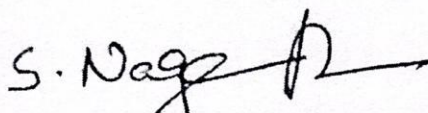
(Approved by AICTE, PCI-New Delhi, recognized by Govt of AP & Affiliated to JNTU-KAKINADA) Enikepadu, Vijayawada-521108, Krishna District, A.P, India.

DEPARTMENT ELECTRICAL AND ELECTRONICS ENGINEERING

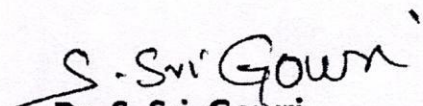


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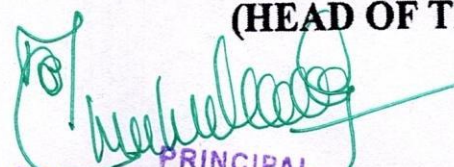
This is to certify that the project report entitled "AN IMPROVED IUPQC CONTROLLER TO PROVIDE ADDITIONAL GRID VOLTAGE REGULATION AS A STATCOM" is a bonafide record of work carried out by SK.Khaja Mohiddin (16X45A0202), V.Vamshi Krishna(15X41A0202), M.Pavan Kumar(16X45A0216), B.V.S.Nageswara Rao (15X45A0218), under my guidance and supervision in partial fulfillment of the requirements for award of the degree of Bachelor of Technology in Electrical and Electronics Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Mr. S.Nageswara Rao

(PROJECT GUIDE)

  
Dr. S. Sri Gowri

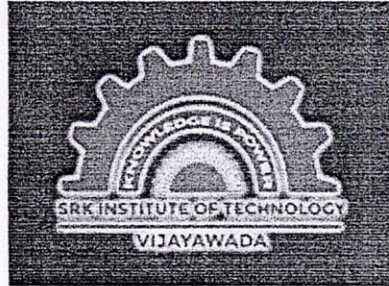
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA

# S.R.K.INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to JNTU  
University, Kakinada Enikepadu, Vijayawada- 521108,

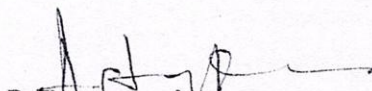
ANDHRA PRADESH. 2016-2019



## DEPARTMENT OF MECHANICAL ENGINEERING

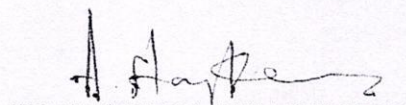
### CERTIFICATE

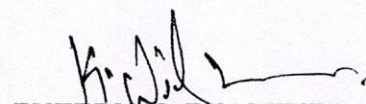
This is to certify that the project entitled "DESIGN AND FABRICATION OF SOLAR THERMAL AIR HEATER" B. SANTHA KUMAR (16X45A0315) is bonfire record of work done by Under the guidance and supervision, submitted in fulfilment of the requirements for the award of degree of Bachelor of Technology in MECHANICAL ENGINEERING by J.N.T.U KAKINADA during the academic year 2016-2019.

  
Project supervisor

**Mr. A. STANLY KUMAR,**

Assistant Professor

  
HEAD OF THE DEPARTMENT

  
EXTERNAL EXAMINER

  
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ENIKEPADU, VIJAYAWADA-521 108.



**S.R.K.INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING**

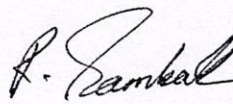


**CERTIFICATE**

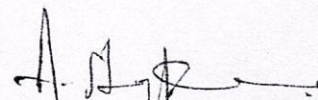
This is to certify that the project entitled "DESIGN AND FABRICATION OF VALVE JOINT BY REVERSE ENGINEERING" is bonafide record of work done by

<b>B.H.S.GOPALA RAO</b>	<b>(16X45A0307)</b>
<b>N.RAKESH</b>	<b>(16X45A0309)</b>
<b>M.SIVA SANKAR</b>	<b>(16x45A0310)</b>
<b>B.SANDEEP KUMAR</b>	<b>(16X45A0311)</b>
<b>CH.VEENKATESH</b>	<b>(16X45A0312)</b>

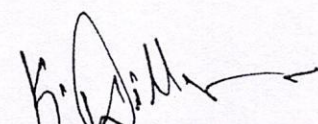
Under the guidance and supervision, submitted in fulfillment of the requirements for the award of the degree of Bachelor of Technology in **MECHANICAL ENGINEERING** by **J.N.T UNIVERSITY KAKINADA** during the academic year 2015-2019

  
30.2.2019

**Mr. R.SAMBATH KUMAR, M.E**  
PROJECT GUIDE



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EXTERNAL EXAMINER

  
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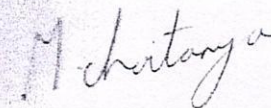


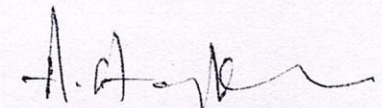
DEPARTMENT OF MECHANICAL ENGINEERING

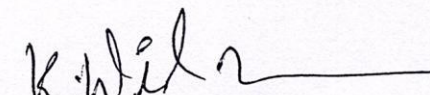
This is to certify that the Major Project entitled "DESIGN & ANALYSIS OF TWO WHEELER SUSPENSION SYSTEM USING DIFFERENT MATERIALS". Is  
a true and correct record of work done by

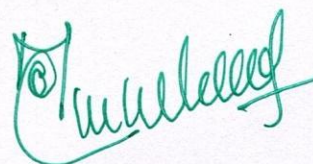
1. P.HARSHA NAGA KUMAR (15X41A0350)
2. Y.ARAVIND KUMAR (15X41A0378)
3. D.VIKAS (16X45A0330)

Under my guidance and supervision; submitted in fulfillment of the requirements for the award of the degree of bachelor of technology in Mechanical Engineering by JNTUK during the academic year 2018-19.

  
PROJECT SUPERVISOR

  
HEAD OF THE DEPARTMENT

  
EXTERNAL EXAMINER

  
PRINCIPAL  
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Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project report entitled "DESIGN AND ANALYSIS OF MULTIPLATE CLUTCH WITH VARIABLE MATERIALS" is a Bonafide record of work carried out

By

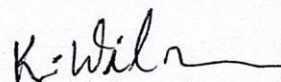
SHAIK BILAL	(15X41A0362)
SHAIK ZAHEER AHMED	(15X41A0363)
SHAIK MOHAMMAD ARIF	(15X41A0364)
JITHIN VADDE	(15X41A0373)

In partial fulfillment of the requirements for the award of Bachelor of Technology degree in Mechanical Engineering of Jawaharlal Nehru Technological University, Kakinada during the year 2018-2019.

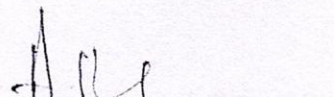


Supervisor

(G DURGA PRASAD)

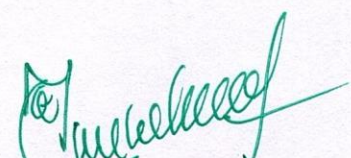


External Examiner



Head of the Department

(Dr. T.S.S. BALAJI)



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S.R. K INSTITUTE OF TECHNOLOGY

DEPARTMENT OF

MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled '**FABRICATION OF FRICTIONLESS ELECTRO MAGNETIC BRAKING SYSTEM**' is bonafide record of work done by

G.V.S.CHANDU	16X45A0318
MD. YUSUB	16X45A0320
E.GANESH BABU	16X45A0322
M.PAVAN KUMAR	16X45A0329
K.BHANU PRAKASH	16X45A0331

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 2018-2019.

PROJECT SUPERVISOR

Mrs.P.BHAGYA LAKSHMI M.Tech

HEAD OF DEPTARMENT

EXTERNAL

i

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ENIKEPADU, VIJAYAWADA-521 108.

# S.R.K INSTITUTE OF TECHNOLOGY

Department of Mechanical Engineering

(Approved by AICTE and Affiliated to JNTU, Kakinada)

ENIKEPADU, VIJAYAWADA, KRISHNA (DT)-521108



## CERTIFICATE

This is to certify the project title "THERMAL ANALYSIS BETWEEN VENTILATED & SOLID DISC BRAKES" is the benefited work of

M.NAGENDRA KUMAR (15X41A0343)

S.SAI CHARAN (15X41A0361)

S.SAI KRISHNA PRAKASH (15X41A0367)

T.VIJAY CHAND (15X41A0372)

In partial fulfillment of the requirement for the award of the graduate degree of Bachelor of technology in mechanical engineering during the academic year 2015-2019.

Signature of the guide

MR.R.KARAN KUMAR, M.Tech

Assistant Professor

Department of ME

Signature of the HOD

MR. STANLEY KUMAR

Asst. Professor & Head Department

Department of ME

External Examiner

Signature

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**SRK INSTITUTE OF TECHNOLOGY**

Enikepadu, Vijayawada-521108

Certified by ISO 9001:2008

**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that the major project report entitled "FABRICATION OF AIR BRAKE SYSTEM USING ENGINE EXHAUST GAS" submitted by S.VAMSI (15X41A0366), T.BHASKARRAJU (15X41A0369), V.NAVEEN KUMAR (15X41A0376), Y.JOHN BUNNY (15X41A0377) and Y.MURALI KRISHNA (15X41A0379) 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 year 2018-2019.

Mr.U.TANOJ

Signature of the Project Guide

Signature of the H.O.D

Signature of the External

PRINCIPAL

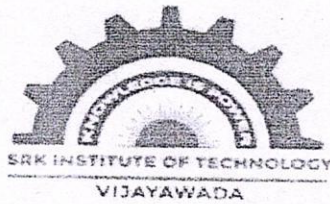
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**Enikepadu, Vijayawada-521108**

**Certified by ISO 9001:2008**

**Department of Mechanical Engineering**



**CERTIFICATE**

This is to certify that the project report entitled “**ESSENCE OF DYNAMIC BRAKING SYSTEM IN HEAVY COMMERCIAL VEHICLES WITHOUT DISTURBING HUMANCOMFORT**” is a Bonafide record of work carried out

By

<b>SK. KHADEER</b>	<b>(16X45A0323)</b>
<b>I.JAGADEESH</b>	<b>(16X45A0325)</b>
<b>M.N.PHANI TEJA</b>	<b>(15X41A0344)</b>
<b>P.RAJESH</b>	<b>(15X41A0354)</b>
<b>S.VIJAYA KRISHNA</b>	<b>(15X41A0360)</b>

In partial fulfillment of the requirements for the award of Bachelor of Technology degree in Mechanical Engineering of Jawaharlal Nehru technological University, Kakinada during the year 2018-2019.

Project Guide

**V.Bala China Lingam M.E**

External Examiner

Head of the Department

PRINCIPAL

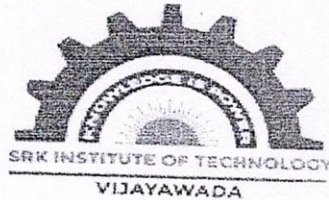
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**ENIKEPADU, VIJAYAWADA-521 108.**

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Enikepadu, Vijayawada-521108

Certified by ISO 9001:2008

Department of Mechanical Engineering



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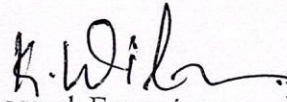
This is to certify that the project report entitled "FABRICATION OF IDENTIFIED PETROLEUM GAS (LPG) BIKE" is a Bonafide record of work carried out

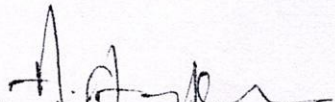
By

M.SAI RAM (15X41A0341)  
A.SAI KIRAN (16X45A0321)  
G.SAI KUMAR (16X45A0326)  
D.NEELENDRA (16X45A0327)

in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Mechanical Engineering from Jawaharlal Technological University, Kakinada during the year 2018-

2019  
Project Guide

  
External Examiner

  
Head of the Department



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Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project report entitled "FABRICATION OF ELECTRO MAGNETIC BRAKING SYSTEM" is a Bonafide record of work carried out

By

AJAYA KANTH	(15X41A0301)
CH VENKAT DURGA RAO	(15X41A0317)
E CHALAPATHI RAO	(15X41A0322)
ANAGA MANIKANTA REDDY	(15X41A0333)

in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Mechanical Engineering of Jawaharlal Nehru technological University, Kakinda during the year 2018-2019.

2/2/19  
Supervisor

(S. Indira)

External Examiner

Head of the Department

(T.S.S. BALAJI)

Principal

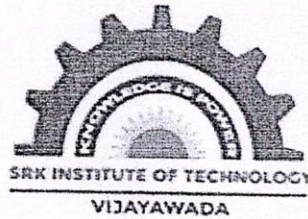
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Department of Mechanical Engineering

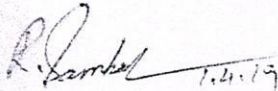


**CERTIFICATE**

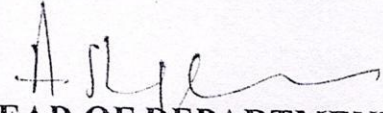
This is to certify that this project work entitled “**GENERATION OF ENERGY FROM RAILWAY TRACK**” is bonafide work done.

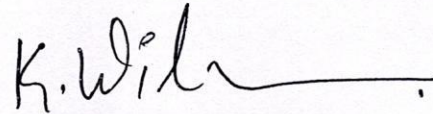
<b>G. DHEERAJ</b>	<b>(16X45A0333)</b>
<b>Y.VENKATESWARA RAO</b>	<b>(16X45A0324)</b>
<b>MD.MALIK MAHAMOOD</b>	<b>(16X45A0335)</b>
<b>P.JANAKI</b>	<b>(16X45A0336)</b>

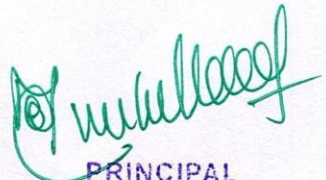
Under the guidance and supervision of **Mr.R.Sambath Kumar Asst. Professor** and  
In partial fulfillment of the requirements for the degree of “ Bachelor of  
Technology in Mechanical Engineering ” during academic year 2018-2019.

  
**PROJECT GUIDE**

**Mr. R.Sambath Kumar**  
**Asst. Professor**

  
**HEAD OF DEPARTMENT**

  
**EXTERNAL EXAMINER**

  
**PRINCIPAL**

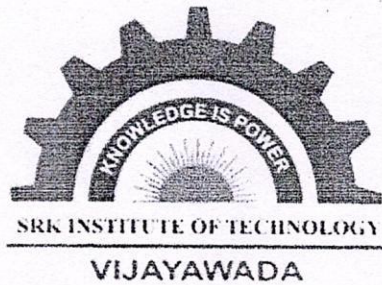
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108**

# S.R.K INSTITUTE OF TECHNOLOGY

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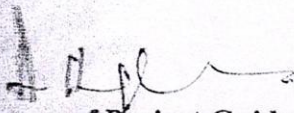
Enikepadu, Vijayawada- 521108

## DEPARTMENT OF MECHANICAL ENGINEERING



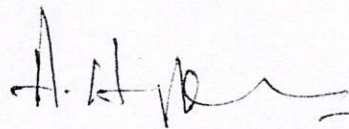
### CERTIFICATE

This is to certify that the project report entitled "STEADY STATE HEAT CONDUCTION USING CFD ANALYSIS" being submitted for the partial fulfilment of the requirement for the award of the degree in Bachelor of Technology in Mechanical Engineering from Jawaharlal Nehru Technology University, Kakinada, is a bonafied work done by D.Naga Durga Rao, G.Pradeep kumar, I.Divya Bhaskar, and K.Sai Lakshmi under my guidance during the academic year 2018-19 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institute or university for the award of any degree.

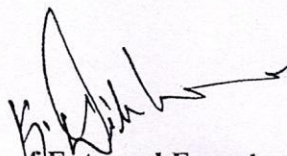


Signature of Project Guide

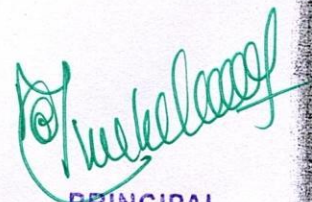
(A.Stanly kumar)



Signature of Head of the Department



Signature of External Examiner



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S.R.K.INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL  
ENGINEERING



**CERTIFICATE**

This is to certify that the project entitled "DESIGN AND FABRICATION OF 360 DEGREES ROTATING VEHICLE" is bonafide record of work done by

G.RANJITH KUMAR	(15X41A0329)
G.JASWANTH	(15X41A0323)
G.RAVITEJA	(15X41A0331)
CH.AKHILBABU	(15X41A0318)

Under the guidance and supervision, submitted in fulfillment of the requirements for the award of the degree of Bachelor of Technology in **MECHANICAL ENGINEERING** by **INT.UNIVERSITY KAKINADA** during the academic year 2015-2019.

Mr.D.ROGONATHA RAO.M.Tech.,(PhD).

PROJECT GUIDE

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EXTERNAL EXAMINER

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ENIKEPADU, VIJAYAWADA-521

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**Enikepadu, Vijayawada- 521108**

**DEPARTMENT OF MECHANICAL ENGINEERING**

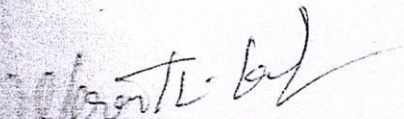


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**VIJAYAWADA**

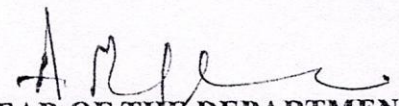
**CERTIFICATE**

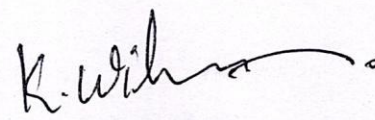
This is to certify that the project report entitled **“EXPERIMENTAL ANALYSIS OF ALUMINIUM BASED METAL MATRIX COMPOSITES”** submitted by **M. ANIL KUMAR (15X41A0342), N. ASHOK KUMAR (15X41A0347), V.SURENDRA (15X41A0374), N.D. SATEESH KUMAR(16X45A0319), J. GOVINDA (16X45A0332)** as a record of the work carried out by them is accepted as a bonafied work report submission in partial fulfilment of the requirements for the award of degree of **Batchelor of Technology in Mechanical Engineering** during the academic year 2018-2019.

  
**Signature of the guide**

Assistant professor

**Mr. V. KRANTHI KUMAR, MTech(ph.D)**

  
**HEAD OF THE DEPARTMENT**

  
**EXTERNAL EXAMINER**

  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108**

SRK INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project report entitled “**DESIGN AND FABRICATION OF THREE AXIS PNEUMATIC TRAILER**” being submitted by

G.NAGARAJU (15X41A0330)

J.YASWANTH CHOWDARY (15X41A0334)

B.PAVAN KUMAR (15X41A0310)

B.KIRAN

(15X41A0311)

In partial fulfilment of the requirement for the award of Degree of Bachelor of Technology in **MECHANICAL ENGINEERING** to the SRK INSTITUTE OF TECHNOLOGY affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA is a record of bonafide work carried out by them under our guidance and supervision during academic year 2018-2019

PROJECT GUIDE

D.ROGNATHA RAO.M.Tech.,(Ph.D.)

HEAD OF THE DEPARTMENT

  
(EXTERNAL EXAMINER)

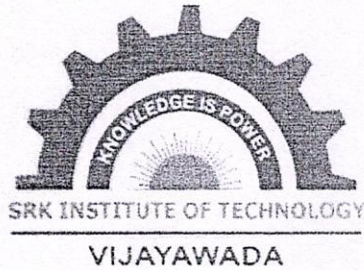
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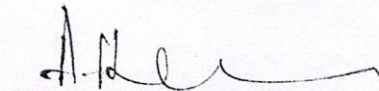
## DEPARTMENT OF MECHANICAL ENGINEERING

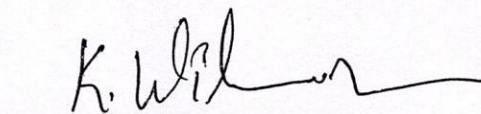


### CERTIFICATE

This is to certify that the project report entitled "DESIGN AND ANALYSIS OF VERTICAL AXIS SAVONIUS WIND TURBINE BLADE" being submitted for the fulfillment of the requirement for the award of the degree in Bachelor of Technology in Mechanical Engineering from Jawaharlal Nehru Technology University, Kakinada, is a bonafied work done by M.SUBBAREDDY, P.VEERANJANEYULU, T.SIVAREDDY, T.SRI RAM CHARAN and V.PREM KUMAR PRASAD under my guidance during the academic year 2018-19 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institute or university for the award of any degree.

  
P.VEERANJANEYULU M.Tech  
Assistant professor  
Project Guide

  
Head of the Department

  
EXTERNAL EXAMINER

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

SRK INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING



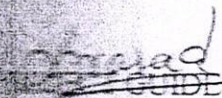
CERTIFICATE

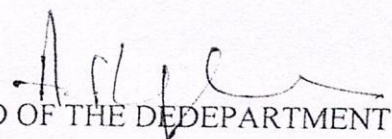
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being submitted by

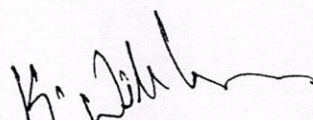
SRINIVASARATHKUMAR (15X41A0316) ABDUL MUZEEB (15X41A0302)

ABHIRAM TEJA (15X41A0309) K. VIJAY BABU (15X41A0336)

to certify the fulfillment of the requirement for the award of Degree of Bachelor of technology in  
**MECHANICAL ENGINEERING** to the **SRK INSTITUTE OF TECHNOLOGY**  
affiliated to, **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**  
**VIJAYAWADA** is a record of Bonafide work carried out by them under our guidance and  
supervision during the academic year 2018-2019

  
GUIDE

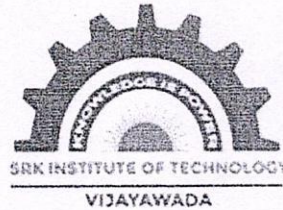
  
HEAD OF THE DEPARTMENT

  
(EXTERNAL EXAMINER)

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.



S.R.K.INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**DESIGN AND MANUFACTURING OF AIR NOZZLE**” is bonfire record of work done by

P.KALYAN	16X45A0305
M.ELLESH	16X45A0306
K.SAI	16X45A0308
Y.HARI NARAYANA	16X45A0313
P.SURESH	16X45A0317

Under the guidance and supervision, submitted in fulfilment of the requirements for the award of degree of Bachelor of Technology in **MECHANICAL ENGINEERING** by **J.N.T.U KAKINADA** during the academic year 2016-2019.

Project supervisor

**Mr. G.VIJAY RAO, M.Tech**

Assistant Professor.

HEAD OF THE DEPARTMENT

**EXTERNAL EXAMINER**

**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

**SRK INSTITUTE OF TECHNOLOGY**

**Enikepadu, Vijayawada-521108**

**Certified by ISO 9001:2008**

**Department of Mechanical Engineering**



**CERTIFICATE**

This is to certify that the project report entitled "**FABRICATION OF ELECTRO MAGNETIC BRAKING SYSTEM**" is a Bonafide record of work carried out

By

**N.PURNA CHAND**

**(15X41A0349)**

**P.V.BHASKAR REDDY**

**(15X41A0317)**

**SAI KRISHNA.D**

**(15X41A0358)**

**T.VAMSI KRISHNA SAI**

**(15X41A0368)**

In partial fulfillment of the requirements for the award of Bachelor of Technology degree in Mechanical Engineering of Jawaharlal Nehru technological University, Kakinada during the year 2018-2019.

*2/3/4/19*  
Supervisor

(Z.Jitendra)

*K. W. S. R.*  
External Examiner

*T. S. S. Balaji*  
Head of the Department

(Dr. T. S. S. Balaji)

*[Signature]*  
PRINCIPAL

**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

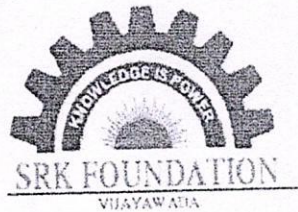
*A Project Report on*  
**SIX LEGS KINEMATIC WALKER**  
*Submitted to*

**Jawaharlal Nehru Technological University, Kakinada**  
*In partial fulfillment of the requirements for the award of degree*

BACHELOR OF TECHNOLOGY  
IN  
MECHANICAL ENGINEERING

Submitted By  
Y.V.K.B.SAI RAKESH (15X41A0380)      P.SIVA SHANKAR(15X41A0352)  
N.S.S. JASWANTH (15X41A0348)      SK.MD.AHMED (15X41A0365)

Under the esteemed guidance of  
**D.SRI RAM PRASAD**  
Assistant Professor




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

**An ISO 9001: 2008 Certified Institution**

(Approved by AICTE of Andhra Pradesh, Affiliated to JNTU, Kakinada)  
NH-5, ENIKAPADU-521108, KRISHNA DISTRICT, Andhra Pradesh.

2015-2019

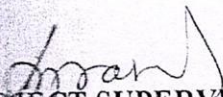
  
PRINCIPAL  
SRK Institute of Technology  
ENIKAPADU, VIJAYAWADA-521 108.

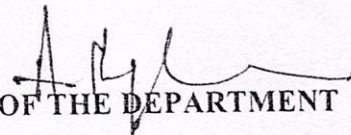
1 | Page

This is to certify that the MAJOR project entitled "SIX LEGS KINAMETIC WALKER" is bona fide record of work done by


N.S.S. JASWANTH (15X41A0348)

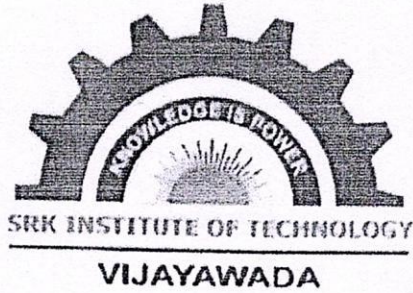
Under my guidance and supervision, submitted in fulfillment of the requirements for the award of the degree of bachelor of technology in Mechanical Engineering by J.N.T. University Kakinada during the academic year 2018-2019

  
PROJECT SUPERVISOR

  
HEAD OF THE DEPARTMENT

  
EXTERNAL SIGNATURE

  
PRINCIPAL 2 | Page  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.



*CERTIFICATE*

This is to certify that the project entitled " FABRICATION OF  
ATV (ALL TERRAIN VEHICLE)"

is bondified record of work done by

1) A.SRAVANKUMAR  
(15X41A0305)

3) B. TEJESWAR (15X41A0314)

2) BAKHSHISH PREET SINGH  
(15X41A0308)

4) G. TIRUSHIT (15X41A0327)

Under my guidance and supervision, submitted in fulfillment of the requirements for  
the award of the degree of Bachelor of Technology in MECHANICAL ENGINEERING by  
JNTU UNIVERSITY KAKINADA during the academic year 2015 - 2019

Mr. G. DURGA PRASAD  
(Assistant professor)

HOD  
MECHANICAL DEPARTMENT

PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

S.R.K.INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to JNTU University, Kakinada  
Enikepadu, Vijayawada-521108, ANDHRA PRADESH.



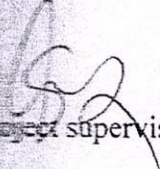
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project entitled "DESIGN AND MANUFACTURING OF CONNECTING ROD DIE" is bonfire record of work done by

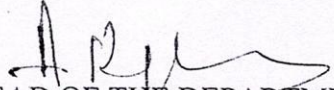
K.HARI BABU	16X45A0301
M.SANDEEP	16X45A0302
GANESH MOGILSETTI	16X45A0303
K.SAI SHANMUKH	16X45A0304
R.LAKSHIMAN KUMAR	16X45A0316

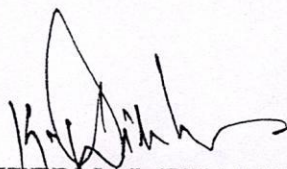
Under the guidance and supervision, submitted in fulfilment of the requirements for the award of degree of Bachelor of Technology in MECHANICAL ENGINEERING by JNTU KAKINADA during the academic year 2016-2019.


  
Project supervisor

M. G. VIJAY RAO, M.Tech

Assistant Professor

  
HEAD OF THE DEPARTMENT

  
EXTERNAL EXAMINER

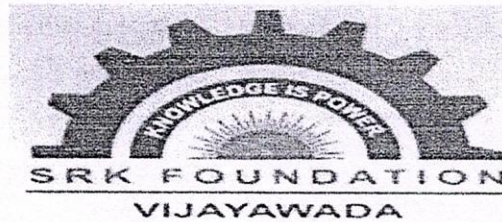
  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

# S.R.K INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Affiliated to JNTU, Kakinada)

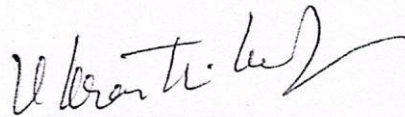
Enikepadu, Vijayawada- 521108

## DEPARTMENT OF MECHANICAL ENGINEERING



### CERTIFICATE

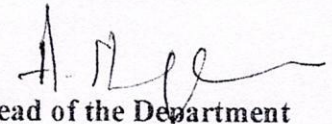
This is to certify that the project report entitled "EXPERIMENTAL ANALYSIS OF ALUMINUM BASED METAL MATRIX COMPOSITS" being submitted for the partial fulfilment of the requirement for the award of the degree in **Bachelor of Technology in Mechanical Engineering** from **Jawaharlal Nehru Technology University, Kakinada**, is a bonafied work done by **A.RUDRA NAGA SAI, G.AYYAPPA, K.VISHNU VARDHAN REDDY, and M.LAKSHMIDHAR** under my guidance during the academic year 2018-19 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institute or university for the award of any degree.



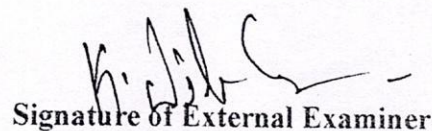
Mr.V.KRANTHI KUMAR M.Tech,(PhD)

Assistant professor

Project Guide



Head of the Department



Signature of External Examiner



PRINCIPAL

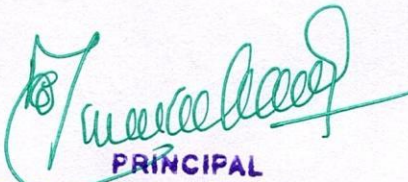
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "SOFT COMBINING FOR COOPERATIVE SPECTRUM SENSING OVER FAST-FADING CHANNELS" is a bonafide record of work carried out by M.SRI SATYA SRAVANTHI (15X41A0404), P.SWAPNA (15X41A0432), V.BHAVANI (15X41A0410), V.L.PRASANNA NAIDU (15X41A0460) 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 Jawahar 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.

*S. Sri Gowri*  
Dr.S.SRI GOWRI  
(PROJECT GUIDE)

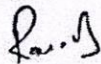
*S. Sri Gowri*  
Dr.S.SRI GOWRI  
(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.



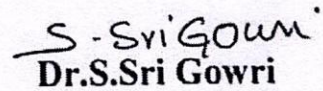
## CERTIFICATE

This is to certify that the project report entitled "COLOR SENSOR ROBOT USING BLYNK APP" is a bonafide record of work carried out by V.Tanmayi (15X41A0423), J.Sai sindhuja(15X41A0406), P.Naga lakshmi (15X41A0412) and N.Gayatri (15X41A0455) 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-521 108.**

## CERTIFICATE


This is to certify that the project report entitled "BER COMPARISION OF DIFFERENT MODULATION SCHEMES OVER AWGN AND RAYLEIGH FADING CHANNELS FOR MIMO-OFDM SYSTEM" is a bonafide record of work carried out by MD.RESHMA(15X41A0426), K.ANUROOPA(15X41A0429), S.NAVEEN KUMAR(15X41A0435) and P.AKHILA(15X41A0452) 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.*

Bhal  
3/4/19

**Mr. P. Ratna Bhaskar**  
(PROJECT GUIDE)

S. Sri Gowri  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

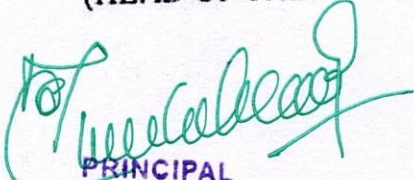
## CERTIFICATE

This is to certify that the project report entitled "COLLISION AVOIDANCE AND INTERSECTION MANAGING USING RASPBERRY PI FOR AUTONOMOUS VEHICLES" is a bonafide record of work carried out by M.VENKATA MEGHANA (15X41A0415), V.SUSMITHA (15X41A0418), N. SAI NIKHITHA (15X41A0454) and N.HARIKA (15X41A0446) 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.

*Md. Shabcena Begum*  
Mrs.MD.Shabcena Begum  
(PROJECTGUIDE)

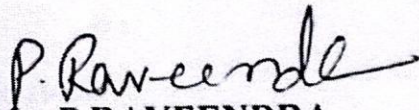
*S. Sri Gowri*  
Dr.S.Sri Gowri

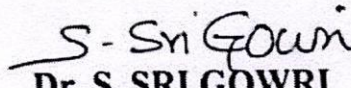
(HEAD OF THE DEPARTMENT)


  
PRINCIPAL  
SRK Institute of Technology  
ENIKPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the report entitled "SELF-POWERED SMART HIGHWAY LIGHTING SYSTEM" is a bonafide record of work carried out by K.PUJITHA (15X41A0420), K.SWATHI (15X41A0417), M.RAVI ANIL KUMAR (15X41A0456), SK.NAYEMULLA (15X41A0436) 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. P.RAVEENDRA  
(PROJECT GUIDE)

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

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled " RAILWAY ACCIDENTS PREVENTION SYSTEM USING IoT" is a bonafide record of work carried out by V.Nagamani (15X41A0401), B.Vasudha (15X41A0405), V.Girija Sree (15X41A0440) and T.Lalith Sai (15X41A0442), 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.*

*PCC*  
*2/4/19*  
Mr.P.Koteswara Rao

PROJECT GUIDE

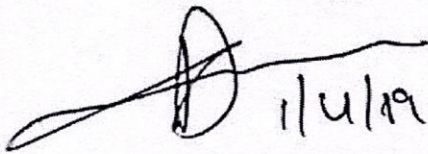
*S-Sri Gowri*  
Dr.S.Sri Gowri

HEAD OF THE DEPARTMENT

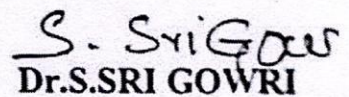
*[Signature]*  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

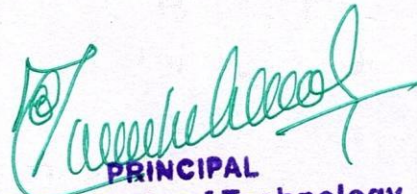
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Mr.D.RAVI TEJ  
(PROJECT GUIDE)



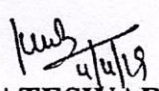
Dr.S.SRI GOWRI  
(HEAD OF THE DEPARTMENT)

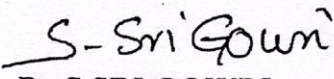



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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "HIGH SPEED AND LOW POWER 16-BIT INEXACT SPECULATIVE ADDER" is a bonafide record of work carried out by B.RAMYA(15X41A0428), V.TEJASWI(15X41A0441), K.PRIYANKA(15X41A0449), B.V.VENNELA(15X41A0453) 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-521 108

## CERTIFICATE

This is to certify that the project report entitled "SMART AGRICULTURAL FIELD MONITORING AND CONTROLLING SYSTEM" is a bonafide record of work carried out by K.KRISHNA PRIYA (15X41A0433), N.LAVANYA (15X41A0407), SK.JAFFAR (15X41A0438), V.MANASA (15X41A0459) 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.

*Mahalakshmi*

**Mrs.N.V.K.MAHALAKSHMI**  
(PROJECT GUIDE)

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

(HEAD OF THE DEPARTMENT)

*[Signature]*

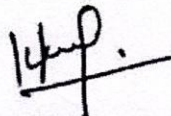
**PRINCIPAL**

**SRK Institute of Technology**  
ENIKEPADU, VIJAYAWADA-521 108.

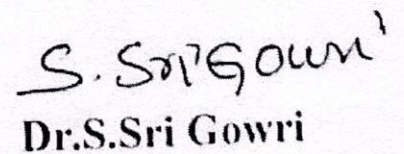


## CERTIFICATE

This is to certify that the project report entitled "FACE AND FINGERPRINT BASED ENHANCED SECURITY SYSTEM FOR ATM TRANSACTIONS" is a bonafide record of work carried out by K.Swathi Sri (15X41A0454), P.Jyothi (15X41A0448), K.Praveen(15X41A0447) and G.Bhavya(15X41A0450) 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 Institute of Technological University, Kakinada.



Ms.N.Mayuri  
(PROJECTGUIDE)



(HEAD OF THE DEPARTMENT)



PRINCIPAL  
SRK Institute of Technology  
ENIKERAPU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "INFORMATION HIDING IN IMAGES USING STEGANOGRAPHY" is a bonafide record of work carried out by B. Sai Naga Namratha (15X41A0403), M. Gayatri (15X41A0421), S. Eswar Sai (15X41A0427), B. Surya Prakash Reddy (15X41A0409) and G. Sai Teja (15X41A0458) 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.*

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

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



**PRINCIPAL**  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "PERFORMANCE OF ENERGY DETECTOR FOR COGNITIVE RADIO SYSTEM OVER AWGN AND RAYLEIGH CHANNEL " is a bonafied record of work carried out by **K.Yamini Saraswathi (15X41A0437)**, **G.BabyKalyani (15X41A0419)**, **P.Avinash (15X41A0422)**, **L.Revanth Kumar (15X41A0408)** 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.*

V. Sri Lakshmi  
Mrs. Sri Lakshmi  
(PROJECT GUIDE)

  
PRINCIPAL

SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

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

## CERTIFICATE


This is to certify that the project report entitled "E-VOICE ASSIST FOR MUTE COMMUNITY USING EMBEDDED SYSTEMS" is a bonafide record of work carried out by B.KUSUMA (15X45A0425), A.BIBI AYESHA (15X41A0434), A.DEVI VARA PRASAD (15X41A0431), K.BALA BHASKAR (15X41A0413) under my guidance and super vision in partial fulfillment of the requirements for award of the degree of Bachelor of technology in *Electronics and Communications Engineering* of *Jawaharlal Nehru Technological University, Kakinada*.

sw  
17/11/19  
Mr.CH.SIVA RAJESH

PROJECT GUIDE

S-Sri Gowri  
Dr. S. SRI GOWRI

HEAD OF THE DEPARTMENT

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 103.

## CERTIFICATE


This is to certify that the project report entitled "AN IoT BASED COMPLETE AUTOMATION IN INDUSTRIES" is a bonafide record of work carried out by P.RAHUL MANIKANTA(15X41A0444),B.KRUPASRI(15X41A0445),S.RAMESHREDDY(15X41A0424), B.MAHENDRA(15X41A0430) 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).

  
Mr. V. SEKHARA BABU

(PROJECT GUIDE)

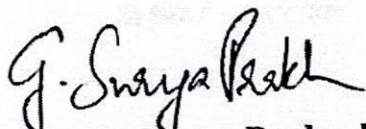
  
Dr. S. SRI GOWRI

(HEAD OF THE DEPARTMENT)

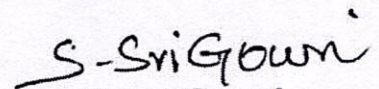
  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

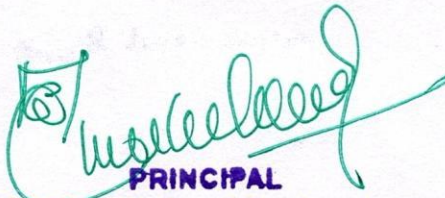
This is to certify that the project report entitled "A NOVEL PAPR REDUCTION TECHNIQUE FOR OFDM BASED MASSIVE MIMO USING BAYESIAN APPROACH" is a bonafide record of work carried out by B. Udaya Keerthi (16X45A0421), D. Prathyusha (15X41A0475) and R. Jaya Lakshmi (16X45A0417) under my guidance and supervision 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. G. Surya Prakash

(PROJECT GUIDE)

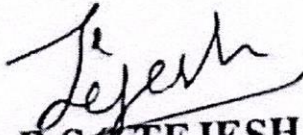
  
Dr. S. Sri Gowri

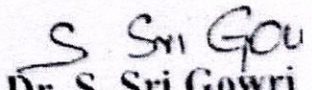
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PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

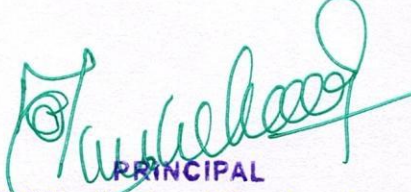
## CERTIFICATE

This is to certify that the project entitled "DESIGN AND IMPLEMENTATION SMART CITY USING IOT" is a bonafied record of work carried out by S.GOWTHAMI(16X45A0401),S.BEAULA(15X41A0482),G.SRINIVAS(15X41A0483),N.NELSON(15X41A0490) under my guidance and supervision in partial fulfillment of 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)

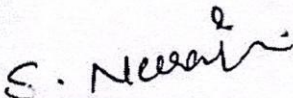
  
Dr. S. Sri Gowri

(HEAD OF THE DEPARTMENT)

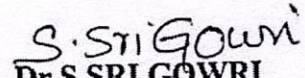
  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE


This is to certify that the project report entitled "SMART SHOPPING SYSTEM USING IoT AND OPEN SOURCE HARDWARE" is a bonafide record of work carried out by K.VENKATA SAI LEELA (16X45A0424), V.NAVEEN KUMAR (16X45A0405), G.KEERTHANA (16X45A0415), CH.ANEESH KUMAR (15X41A0481) 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.

  
Ms. S.NEERAJA

(PROJECT GUIDE)

  
Dr.S.SRI GOWRI

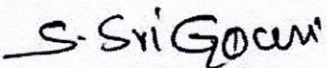
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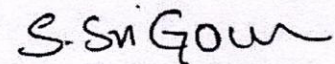
  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

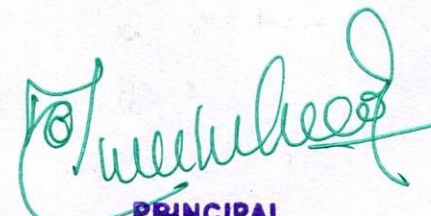


## CERTIFICATE

This is to certify that the project report entitled "SOFT COMBINATION FOR COOPERATIVE SPECTRUM SENSING IN FADING CHANNELS" is a bonafide record of work carried out by J.THRILEKHYA(16X45A0419), M.CHANDRA SEKHAR(15X41A0487), Y.CHARISHMA(15X41A0461) and K.MANOJ PRAKASH(15X41A0472) 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, Anaparthi*.

  
**Dr. S. SRI GOWRI**  
(PROJECT GUIDE)

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

  
**PRINCIPAL**  
**SRK Institute of Technology**  
ENIKEPADU, VIJAYAWADA-521 108.

# CERTIFICATE



This is to certify that the project report entitled "SMART ATTENDANCE SYSTEM BASED ON FACE RECOGNITION" is a bonafide record of work carried out by N. Jyothsna Mani Teja (16X45A0406), B. Chowdaiah (16X45A0407), Y. Tanuja (15X41A0463) and Sk. SaiBaba (16X45A0409) 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.

*Ravi*

**Mr.B. Ravi**  
(PROJECT GUIDE)

*S. Sri Gowri*

**Dr.S. Sri Gowri**

(HEAD OF THE DEPARTMENT)

*[Signature]*

**PRINCIPAL**  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "MIMO-OFDM CHANNEL ESTIMATION IN RAYLEIGH AND Rician FADING CHANNELS " is a bonafide record of work carried out by M. Anusha (16X45A0423), V. Swarna Bindu (15X41A0478), J. T.V. S. Subramanyam (16X45A0414) and M. Ratna Rao (15X41A0486) 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.*

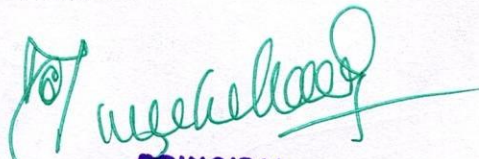
Bhal  
8/4/19

**Mr. P. Ratna Bhaskar**  
(PROJECT GUIDE)

S. Sri Gowri

**Dr. S. Sri Gowri**

(HEAD OF THE DEPARTMENT)



**PRINCIPAL**

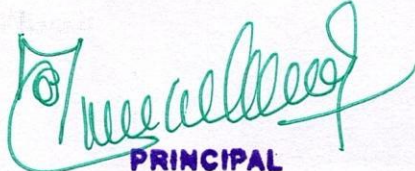
**SRK Institute of Technology**  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "SMART DRIVER ASSIST USING RASPBERRY PI 3 AND OPEN CV" is a bonafide record of work carried out by D.YAMINI (16X45A0413), P.NANDINI (15X41A0462), S. MURALI KRIKHNA (15X41A0469) and J.ARUN (16X45A0403) 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.

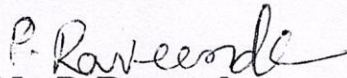
Md. Shabeena Begum  
Mrs. MD. Shabeena Begum  
(PROJECT GUIDE)

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

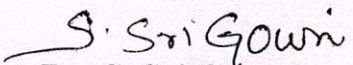
  
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ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

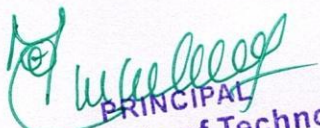
This is to certify that the project report entitled “ IOT BASED SMART NOTICE BOARD” is a bonafide record of work carried out by A.Teja Sri (16X45A0420), P.Deepthi (16X45A0416), K.Renuka (15X41A0470), P.Bhaskar rao (15X41A0488) under my guidance and super vision in partial fulfillment of the requirements for award of the degree of Bachelor of technology in *Electronics and Communications Engineering of Jawaharlal Nehru Technological University , Kakinada.*

  
**Mr. P. Raveendra**

**(PROJECT GUIDE)**

  
**Dr. S. Sri Gowri**

**(HEAD OF THE DEPARTMENT)**

  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

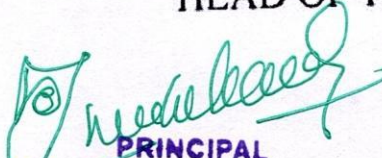
## CERTIFICATE

This is to certify that the project report entitled " DRAINAGE CLOG OVERFLOW DETECTION USING IoT" is a bonafide record of work carried out by CH.V.N.L.MOUNIKA(16X45A0408), CH.PAVANI(16X45A0412), N.HAI BABU(16X45A0422) and M.SRIMANTH(15X41A0484) under my guidance and supervision in partial fulfillment of the requirements for award of the degree Bachelor of Technology in *Electronics and Communication Engineering* at *Jawaharlal Nehru Technological University, Kakinada.*

VCR  
2/4/19  
Mr.P.KoteswaraRao  
PROJECT GUIDE

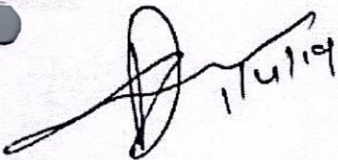
S. Sri Gowri  
Dr. S.Sri Gowri

HEAD OF THE DEPARTMENT

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

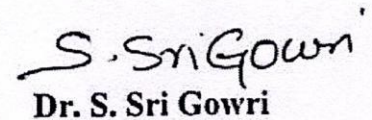
## CERTIFICATE

This is to certify that the project report entitled “ **LOW POWER 4X4 BIT MULTIPLIER DESIGN USING DADDA ALGORITM AND OPTIMISED FULL ADDER**” is a bonafide record of the work carried out by **CH.RAVITEJA (15X41A0465), T.PRAVEENKUMAR (15X41A0467), M.SAIHARSHA(16X45A0402), D.POOJA (15X41A0476)** under my guidance and supervision in partial fulfilment of the requirement for award of the degree of Bachelor of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*



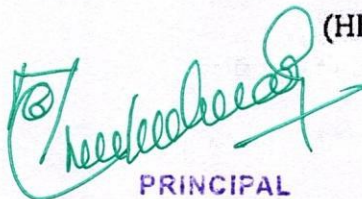
**Mr. D. Ravi Tej**

(PROJECT GUIDE)



**Dr. S. Sri Gowri**

(HEAD OF THE DEPARTMENT)

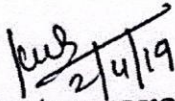


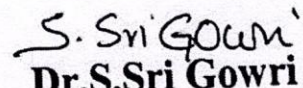
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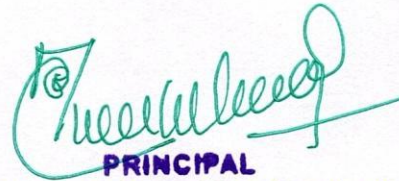
**SRK Institute of Technology**  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "FAST RESPONSE ANALYSIS ON PARALLEL PREFIX ADDERS" is a bonafied record of work carried out by K. Vamsi Anuswetha (16X45A0404), N. Sai Likhitha (16X45A0410), K. Ratnavali (15X41A0474), 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.K.Venkateswara Rao**  
(PROJECT GUIDE)

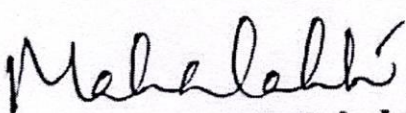
  
**Dr.S.Sri Gowri**  
(HEAD OF THE DEPARTMENT)

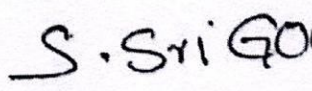
  
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ENIKEPADU, VIJAYAWADA-521 108.

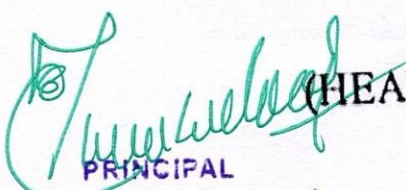


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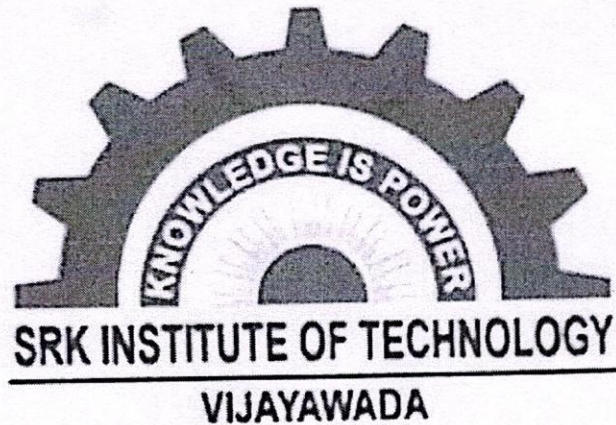
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Mrs. N. V. K. Mahalakshmi  
(PROJECT GUIDE)

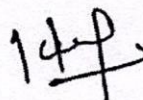
  
Dr. S. Sri Gowri

  
PRINCIPAL  
(HEAD OF THE DEPARTMENT)  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

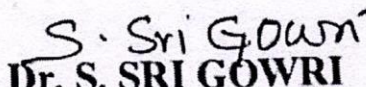
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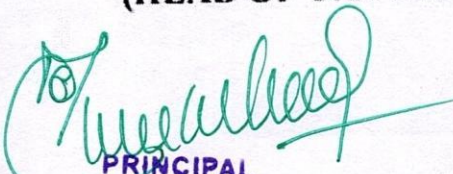
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N. MAYURI

(PROJECT GUIDE)

  
Dr. S. SRI GOWRI

(HEAD OF THE DEPARTMENT)

  
PRINCIPAL

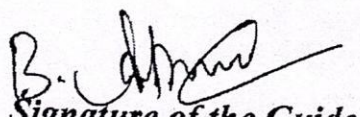
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ENIKEPADU, VIJAYAWADA-521 108.

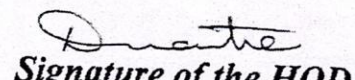
**S.R.K INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**




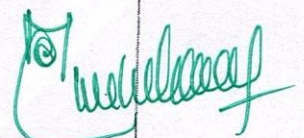
**CERTIFICATE**

This is to certify that this project report entitled "FACIAL EXPRESSION RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK" is the bonafide work of Ms. B. Srujana (15X41A0506), Ms. V.Jahnavi (15X41A0557), Mr. B.Bobby (15X41A0504) and Mr. A.Arun Kumar (15X41A0501) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
Signature of the Guide  
(B.Asha Latha)

  
Signature of the HOD  
(Dr.Haritha)

  
Signature of the External Examiner



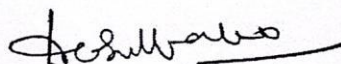
**S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

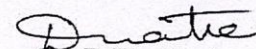


**CERTIFICATE**

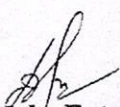
This is to certify that this project report entitled "CREDIT CARD FRAUD DETECTION USING HISTORICAL TRANSACTION DATA" is the bonafidework of Ms. P. Gayatri Devi (15X41A0544), Ms. K. Rama Devi (15X41A0528), Ms. G. Naveena (15X41A0518), Ms. P. Prameela Rani (15X41A0545) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

  
(D.Venkata Subba Rao)

*Signature of the Guide*

  
(Dr.D.Haritha)

*Signature of the HOD*

  
Signature of the External Examiner

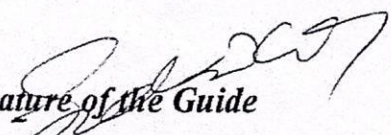
# S.R.K INSTITUTE OF TECHNOLOGY

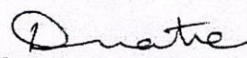
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

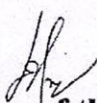


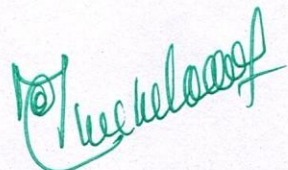
## CERTIFICATE

This is to certify that this project report entitled "FACE RECOGNITION BASED ATTENDANCE SYSTEM" is the bonafide work of GOVIND NAIDU P(15X41A0547), HEMANTH CH (15X41A0509), SAI RAGHAVENDRA (15X41A0523), BHARATH SAI U (15X41A0556) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
*Signature of the Guide*  
(N Sudhakar Reddy)

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

  
*Signature of the External Examiner*

  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

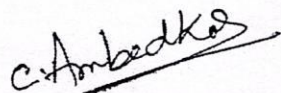
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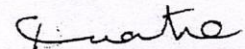
**CERTIFICATE**

This is to certify that this project report entitled "INSTITUTIONAL DIGITAL LOCKER" is the bonafide work of Ms. D. Padma Priya (15X41A0515), Ms. N. Keerthana (15X41A0541), Mr. A. Ravi Teja (15X41A0502) and Mr. G. Sumanth (15X41A0519) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.



*Signature of the Guide*

(Ch. Ambedkar)

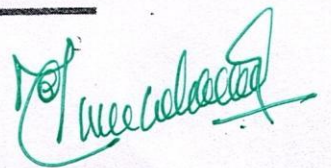


*Signature of the HOD*

(Dr.D. Haritha)



*Signature of the External Examiner*

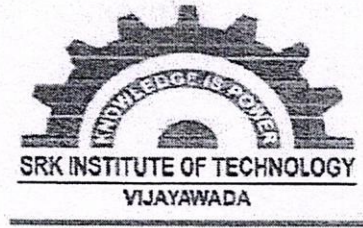


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This is to certify that this project report entitled "POLITICAL SENTIMENT ANALYSIS" is the bonafide work of Ms. D. Sai Maneesha (15X41A0517), Mr. M. Krishna Chaitanya (15X41A0534), Mr. Ch. Bhargav Sai (15X41A0510) and Ms. Ch. Naga Lakshmi (15X41A0508) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2015-2019. This Work has carried out under our supervision and guidance.

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

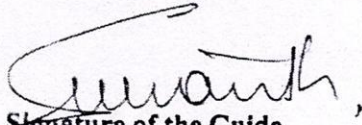
*Dr. D Haritha*  
*Signature of the HOD*  
(Dr. D Haritha)

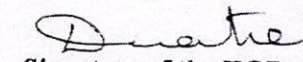
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ENIKEPADU, VIJAYAWADA-521 108.

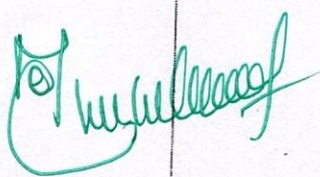
## CERTIFICATE

This is to certify that the project report entitled "FAKE NEWS DETECTION USING MACHINE LEARNING ALGORITHMS" is a bonafide record of work carried out by B. Charan Chandan (15X41A0507), K.S. Raghavan (15X41A0529), Md. Rahimuddin (15X41A0537), D. Trivikram (15X41A0512) under my guidance and supervision in partial fulfillment of the requirements for award of the degree of bachelor of technology during the academic year 2018-2019 in Computer Science Engineering of Jawaharlal Nehru Technological University, Kakinada.

  
Signature of the Guide  
(M.V. SUMANTH)

  
Signature of the HOD  
(DR. D.HARITHA)

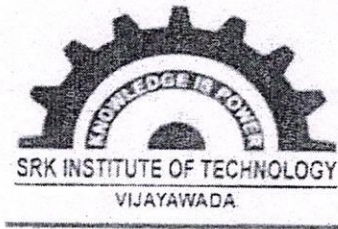
  
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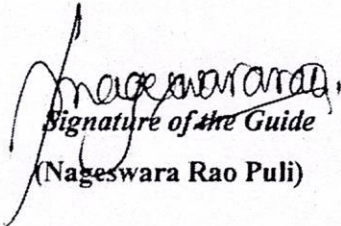
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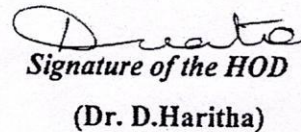
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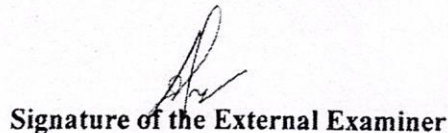


**CERTIFICATE**

This is to certify that this project report entitled "COLLEGE CLUB MANAGEMENT SYSTEM" is the bonafide work of **Ms. K.SAI SOWJANYA (15X41A0526), Ms.K.SREE PUJITHA(15X41A0525), Mr. MD.ELAHI (15X41A0536), Mr. Y.ASHOK (15X41A0558)** in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

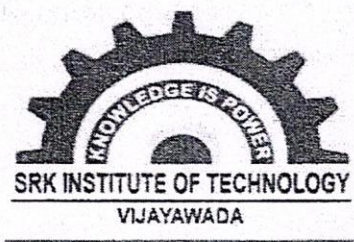
  
*Signature of the Guide*  
(Nageswara Rao Puli)

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

  
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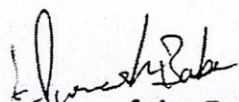
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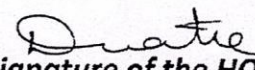
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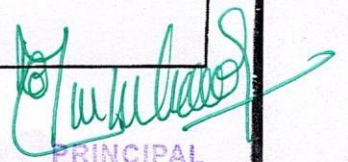
## CERTIFICATE

This is to certify that this project report entitled "ROAD ACCIDENT ANALYSIS USING MACHINE LEARNING" is the bonafide work of Ms. N. Manisha (15X41A0543), Mr. Y. Anand (15X41A0560), Ms. K. Sirishakumari (15X41A0532) and Ms. P. Bhavya Sri (15X41A0548) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
Signature of the Guide  
(S.SURESH BABU)

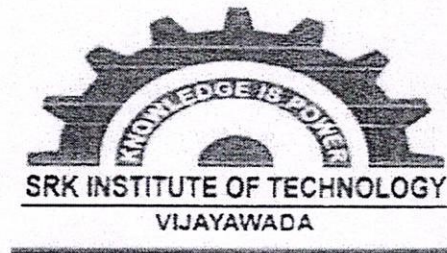
  
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(Dr.D Haritha)

  
Signature of the External Examiner

  
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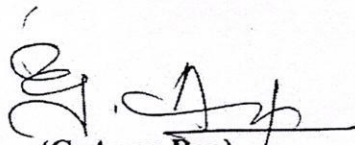
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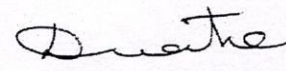


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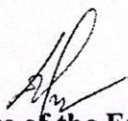
This is to certify that this project report entitled "MALWARE DETECTION THROUGH SECURITY ONION" is the bonafide work of Ms. R.Gagana Sri (15X41A0550), Ms. Y.Yamuna (15X41A0559), Ms. D.V.Kanaka Durga (15X41A0514), Ms. D. Mounika (15X41A0513) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.


  
(G. Appa Rao)

*Signature of the Guide*

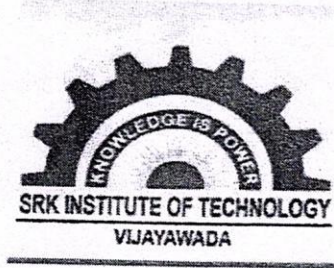
  
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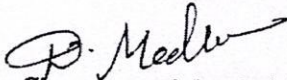
  
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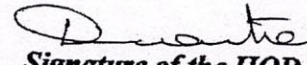
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This is to certify that this project report entitled "PREDICTING STOCK MARKET PRICES" is the bonafide work of Ms. D. Mounika(15X41A0511), Mr.D. Krishna Mohan(15X41A0527),Ms.G.Naga Divya Lalitha(15X41A0521) and Ms.M.Mounika (15X41A0533) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
*Signature of the Guide*  
**(D.Madhusudhan Rao)**

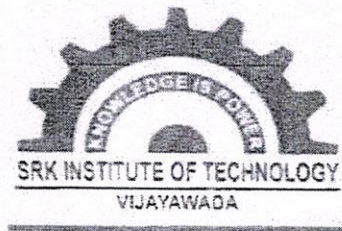
  
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**(Dr. D Haritha)**

  
**Signature of the External Examiner**

  
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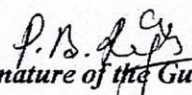
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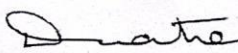
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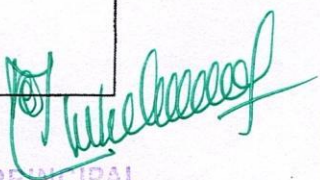
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This is to certify that this project report entitled "WATER QUALITY CONTROL SYSTEM" is the bonafide work of Ms. T. Premanvitha (15X41A0552), Ms. M. Yamini (15X41A0535), Mr. SD. Irfan Sharif (15X41A0551), Mr. R. Sivaram (15X41A0542) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

  
*Signature of the Guide*  
(P. Bhagya Raju)

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

  
*Signature of the External Examiner*

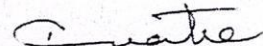
  
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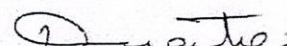


**CERTIFICATE**


This is to certify that this project report entitled "Smart Student Career Recommendation System" is the bonafide work of Narendra Babu Makkena- (15X41A0546), Sri Lakshmi SudhakarKolluru-(15X41A0531), Venkata Chaitanya Gottipati (15X41A0520), and MahendraNagalla- (15X41A0540) in partial fulfilment of the requirements for the award of the graduate degree in **BACHELOR OF TECHNOLOGY** during the academic year 2015-2019. This Work has carried out under our supervision and guidance.

  
Signature of Guide

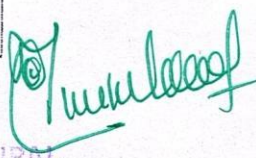
(Dr.Haritha Dasri)

  
Signature of HOD

(Dr.Haritha Dasri)

  
Signature of External Examiner

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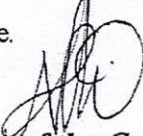
**CABLE OPERATING MANAGEMENT SYSTEM**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

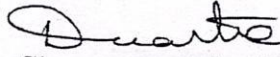


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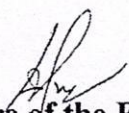
This is to certify that this project report entitled "CABLE OPERATING MANAGEMENT SYSTEM" is the bonafide work of **Mr. B Madhu Kalyan (15X41A0505)**, **Ms. M N Meghana (15X41A0539)**, **Mr. B Prasanna Kumar (15X41A0503)** and **Ms. K Nandhini (15X41A0530)** in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

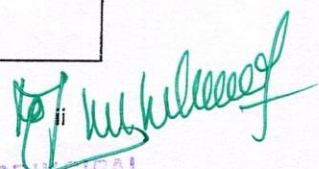
  
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**(Dr. N Neelima Priyanka)**

  
*Signature of the HOD*

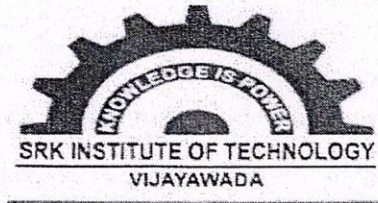
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**Signature of the External Examiner**

  
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ENIKEPADU, VIJAYAWADA-521 108.

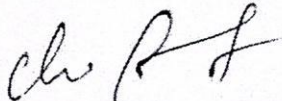
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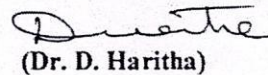
**CERTIFICATE**

This is to certify that this project report entitled "DIABETES PREDICTION USING MACHINE LEARNING" is the bonafide work of Ms J.VENKATA LAKSHMI(15X41A0524), Ms. S.DIVYA(15X41A0516), Ms. T.RISHITHA LAKSHMI(15X41A0555), Mr. P.BALA MANIDHAR(15X41A0549) and Mr. T.KALYAN KUMAR (15X45A0553) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.



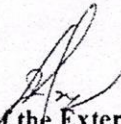
(Ch.Praneeth)

*Signature of the Guide*

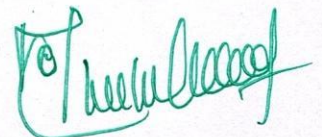


(Dr. D. Haritha)

*Signature of the HOD*



*Signature of the External Examiner*



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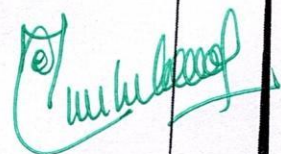
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This is to certify that this project report entitled "AP SKILL DEVELOPMENT COURSE INFORMATION SYSTEM" is the bonafide work of Ms. A. Sahithi (15X41A05B8), Mr. M. Abhinay (16X45A0501), Ms. P. Sushmachowdary(15X41A05A3) and Mr. E. Naga Ramesh (14X41A0571) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

*M. Rithwik*  
**Signature of the Guide**

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

*L. Somaletti*  
**Signature of the External Examiner**



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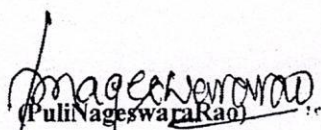
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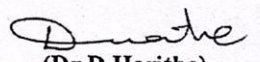
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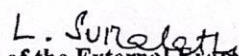


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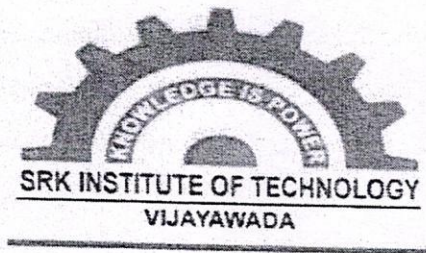
This is to certify that this project report entitled "APSSDC STAKEHOLDERS AND COLLEGE : AN INTERFACE" is the bonafide work of Ms.J.Nandini(15X41A05A0), Ms.T.Sarala(15X41A05A8), Mr.P.Venkateswarlu (15X41A0589) , Mr.P.Durga Ravi Kumar (15X41A05B3) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

  
(Puli Nageswara Rao)  
Signature of the Guide

  
(Dr.D.Haritha)  
Signature of the HOD

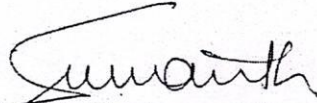
  
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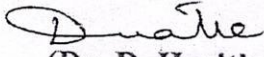


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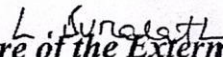
This is to certify that this project report entitled "FAKE NEWS DETECTION ON SOCIAL MEDIA IN PYTHON USING MACHINE LEARNING" is the bonafide work of Ms D. PADMA PRIYA (15X41A0569), Ms. M. SWARNA LATHA (15X41A0574), Mr. G. DURGA PRASAD (15X41A0574) and Mr. Ch. ROHIT (15X41A0566) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

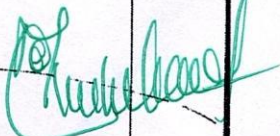
  
(Mr. M. V. Sumanth)

*Signature of the Guide*

  
(Dr. D. Haritha)

*Signature of the HOD*

  
*Signature of the External Examiner*

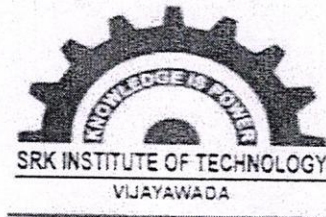


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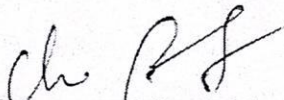
# S.R.K INSTITUTE OF TECHNOLOGY

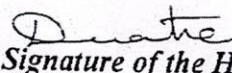
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

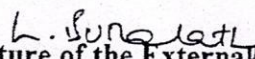


## CERTIFICATE

This is to certify that this project report entitled "PREDICTING HEART ATTACK USING MACHINE LEARNING" is the bonafide work of Ms. T. Likhitha (15X41A05A9), Mr. M. Gopala Krishna(15X41A0592), Mr. K. Narasimha Swami (15X41A0584) and Ms. Md. Mobin Afrin (15X41A0547) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
Signature of the Guide

  
Signature of the HOD  
(Dr. D. Haritha)

  
Signature of the External Examiner

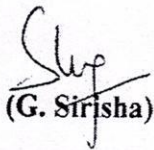


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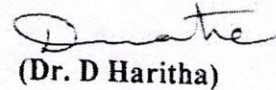


**CERTIFICATE**

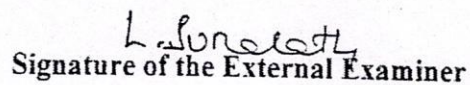
This is to certify that this project report entitled "SMART VISITOR APPOINTMENT APP" is the bonafide work of Ms. K. Phani Tejaswini (15X41A0580), Ms. K. Praneetha (15X41A0579), Mr. K. Krishna Vamsi (15X41A0581) and Ms. K. Sravani (15X41A0587) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
(G. Sirisha)

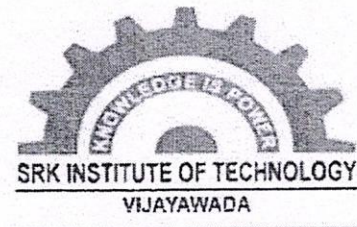
Signature of the Guide

  
(Dr. D Haritha)

Signature of the HOD

  
Signature of the External Examiner

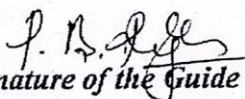
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**ENIKEPADU, VIJAYAWADA.**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

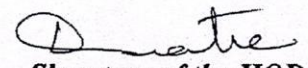


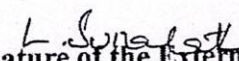
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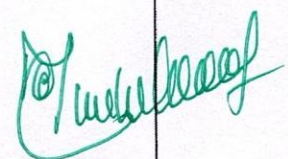
This is to certify that this project report entitled "FINGERPRINT BASED HOME DOOR LOCKING SYSTEM USING IOT" being submitted by **Ms. M. SUSHMA, Ms. E. NAGA LAKSHMI, Ms. G. SUVARNA, Mr. P.GOPALA KRISHNA** in partial fulfilment for the award of the graduate degree in **BACHELOR OF TECHNOLOGY** in Computer Science and Engineering Department to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision

This results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma

  
*Signature of the Guide*  
**(P. Bhagya Raju)**

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

  
*Signature of the External Examiner*

  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

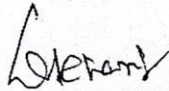
**S.R.K INSTITUTE OF TECHNOLOGY  
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



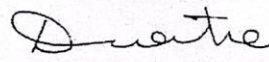
**CERTIFICATE**

This is to certify that this project report entitled "GSM BASED GAS LEAKAGE, LEVEL DETECTION AND CONTROLLING SYSTEM" is the bonafide work of Ms. A. LAKSHMI SANTHOSHINI (15X41A0561), Ms. B. MEENASREE (15X41A0563), Ms. M.MADHURI (15X41A0594), Mr. P. PAVAN KUMAR (15X41A05A1), in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.



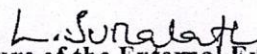
(D.V.V.Brahmachari)

Signature of the Guide




(Dr.D.Haritha)

Signature of the HOD



Signature of the External Examiner



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ENIKEPADU, VIJAYAWADA-521 108.

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ENIKEPADU, VIJAYAWADA.**

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**CERTIFICATE**

This is to certify that this project report entitled “PRIVATE VEHICLE SHARING SYSTEM” is the bonafide work of Mr. Rohan Jain (15X41A05A5), Ms. K.Ammulu (15X41A0585), Mrs. K.Sai Chandra (15X41A0582), Mr. K Sunny (15X41A0586) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

*M. Anitha*  
(M.Anitha)  
*Signature of the Guide*

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

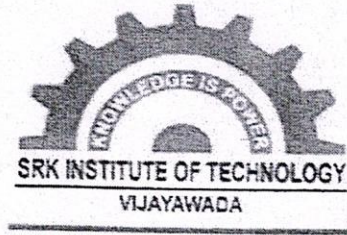
*L. Surekha*  
*Signature of the External Examiner*

*(Signature)*



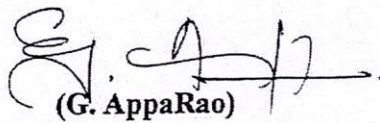
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ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

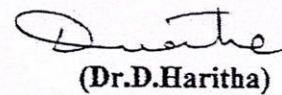


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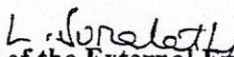
This is to certify that this project report entitled "IP Monitoring using android" is the bonafide work of Ms. N.SaiTejasweni (15X41A0597), Ms. J.SivaNagaJyothi(15X41A0578), Ms.G.Swapna(15X41A0573), Mr.B.Avinash(15X41A0565) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2017- 2018. This work has been carried out under our supervision and guidance.

  
(G. AppaRao)

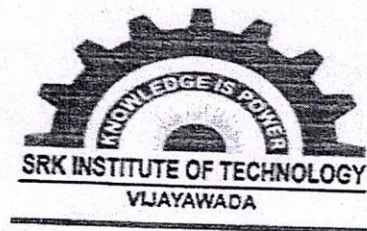
*Signature of the Guide*

  
(Dr.D.Haritha)

*Signature of the HOD*

  
Signature of the External Examiner

**S.R.K INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled “**STUDENT PERFORMANCE PREDICTION USING DATA MINING**” is the bonafide work of Ms. P. Akshita (15X41A05A2), Ms. K. Mounika (15X41A0588), Mr. V. Narendra (15X41A05B2) and Mr. T. Deekshith (15X41A05B5) in partial fulfillment of the requirements for the award of the graduate degree in **BACHELOR OF TECHNOLOGY** during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

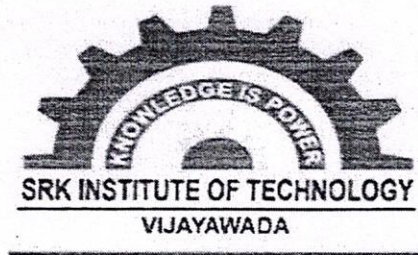
*(Signature)*  
*Signature of the Guide*  
(N. Sudhakar Reddy)

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

*(Signature)*  
*Signature of the External Examiner*

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ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled "SMART INTERNET SERVICE MONITORING SYSTEM" is the bonafide work of Ms. CH. Gopika (15X41A0567), Ms. B. Lakshmi Pravallika (15X41A0562), Ms. B. Mounika (15X41A0564), Mr. K. Sai Sumanth (15X41A05B4) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

*M. Naresh Babu*  
Signature of the Guide  
(M. NARESH BABU)

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

*L. Suresh*  
Signature of the External Examiner

*[Signature]*  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

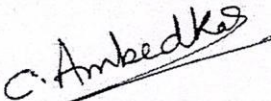
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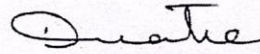


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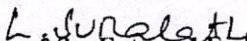
This is to certify that this project report entitled "APP USAGE TRACKER" is the bonafide work of Ms. K.KRANTHI (15X41A0590), Ms. MD.MAZHAREENA (15X41A0595), Mr. G.MANOJ (15X41A0575), and Mr. P.SYAM SAI (15X41A0599) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

  
(CH.AMBEDKAR)

*Signature of the Guide*

  
(Dr. D. Haritha)

*Signature of the HOD*

  
Signature of the External Examiner

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ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled "CAMPUS RECRUITMENT SYSTEM" is the bonafide work of Ms. S. Sai Saroja (15X41A05A7), Ms.P.Chandana(15X41A05A4),Ms.T.Amani(15X41A05B1),Mr.K.Varshith(15X41A0583) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

*P. Pavan Kumar*  
(P.Pavan Kumar)

Signature of the Guide

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

Signature of the HOD

*L. Sunil*  
Signature of the External Examiner

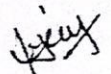
S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.

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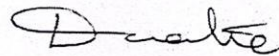


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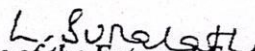
This is to certify that this project report entitled "MOBILE HACK CHECKER" is the bonafide work of Ms D. ALEKYA (15X41A0568), Mr. G. LIKITH (15X41A0576), Ms. SK. HABIBA BEGUM (15X41A05A6) and Mr. CH. JEEVAN SUVISESH (15X41A0577) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
(P. JayaSri)

Signature of the Guide

  
(Dr. D. Haritha)

Signature of the HOD

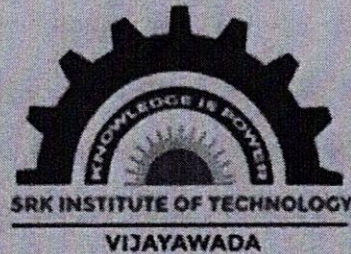
  
Signature of the External Examiner

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ENIKEPADU, VIJAYAWADA-521 108.

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## DEPARTMENT OF INFORMATION TECHNOLOGY



### CERTIFICATE

This is to certify that this project report entitled "A USER-CENTRIC MACHINE LEARNING FRAMEWORK FOR CYBER SECURITY OPERATIONCENTER" is submitted by R. NAVYA MADHURI (15X41A1236), V.JASWANTH SAI KUMAR (15X41A1249), R.YALADRI (15X41A1231), R.MEGHANA (15X41A1233) to the JNTU KAKINADA in partial fulfillment for the award of degree in Bachelor of Technology in Information Technology is a bonafide work carried out by them under my supervision during the academic year 2018-2019.

J.N.PAVAN KUMAR  
Project Internal Guide

J.N.PAVAN KUMAR  
Head of The Department

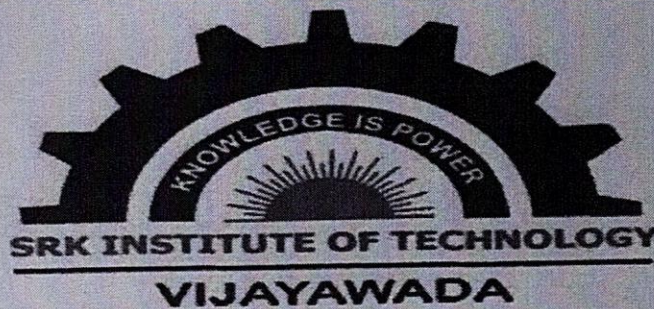
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Signature of the External Examiner

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ENIKEPADU, VIJAYAWADA-521 108.

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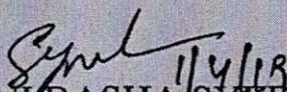
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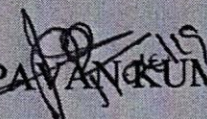


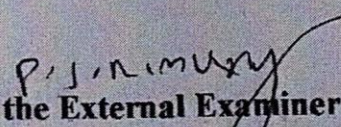
## CERTIFICATE

This is to certify that this project report entitled "SMART PARKING SYSTEM THROUGH IoT" submitted by T.MADHAVI (15X41A1241), U.V.NAVEEN KUMAR (15X41A1244), M.MOUNICA (15X41A1221), T. KESAVA RAM to the JNTU KAKINADA in partial fulfilment for the award of Degree of Bachelor of Technology in Information Technology is a bonafide work carried out by them under our supervision during the academic year 2018-2019.

  
JANI BASHA SYED

*Project Internal Guide*

  
J.N. PAVAN KUMAR  
*Head of the Department*

  
Signature of the External Examiner

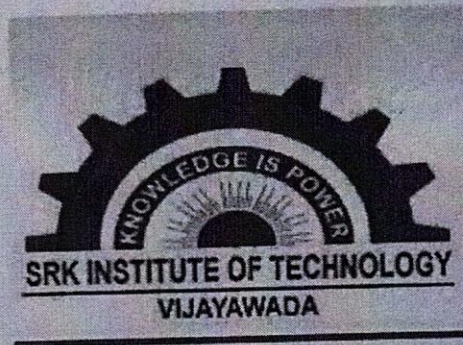
  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.



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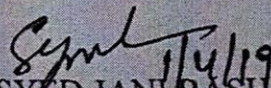
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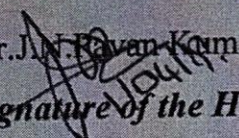
## DEPARTMENT OF INFORMATION TECHNOLOGY

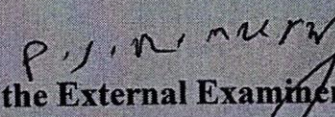


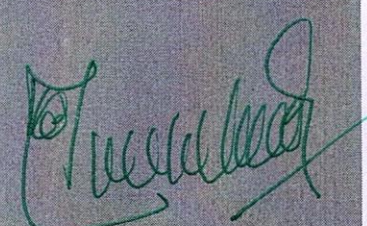
### CERTIFICATE

This is to certify that this project report entitled "THE SMART DOOR THROUGH INTERNET OF THINGS" is the bonafide work of Ms. K.ANUSHA (15X41A1213), Ms. V.BHAGYAVATHI (15X41A1251), Ms.V.MONISREE (15X41A1245) and Mr.PVNS AKHIL (15X41A1229) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
(Mr.SYED.JANI BASHA)  
*Signature of the Guide*

  
(Mr.J.N.Ravan Kumar)  
*Signature of the Hod*

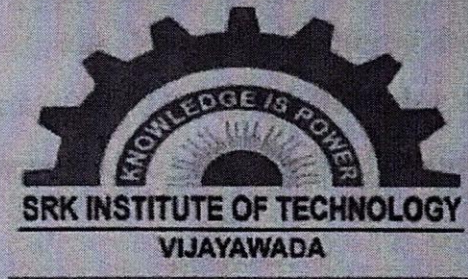
  
*Signature of the External Examiner*

  
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## CERTIFICATE

This is to certify that this project report entitled "SMART CAR RENTING SYSTEM USING IOT" submitted by K.HOMA (15X41A1215), M.DIVYA SAI DURGA (15X41A1224), CH.TARUN SAI (15X41A1557), Y.HEMANTH (15X41A1255) in partial fulfillment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

P.RANI

Project Internal Guide

J.N.PAVAN KUMAR  
Head of the Department

P. J. N. MURTHY  
Signature of the External Examiner

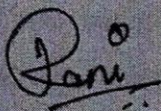
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ENIKEPADU, VIJAYAWADA-521 108.

**SRK INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**



**CERTIFICATE**

This is to certify that the project report entitled "A GRAPHICAL TEXT BASED PASSWORD SYSTEM TO OBSCURE SHOULDER SURFING" submitted by K.BINDU VEDA SAHITHI (15X41A1216), J.BHAVITHA (15X41A1211), V.LAKSHMI SREE (15X41A1250), G.GOVARDHAN (15X41A1207) to the JNTU KAKINADA in partial fulfillment for the award of Degree of Bachelor of Technology in Information Technology is a bonafide work carried out by them under our supervision during the year 2018-2019.



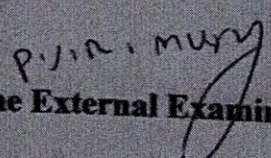
**P.RANI**

**Project Internal Guide**

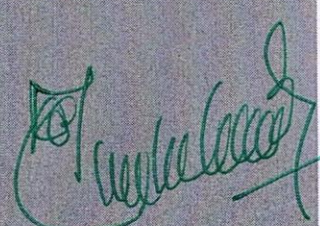


**J.N.PAVAN KUMAR**

**Head Of The Department**



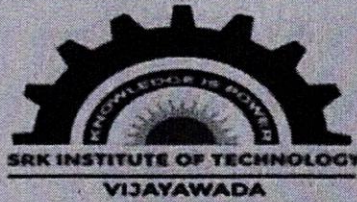
**Signature of the External Examiner**



**PRINCIPAL**

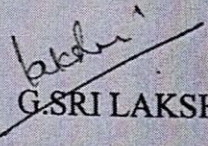
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

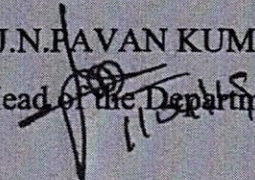


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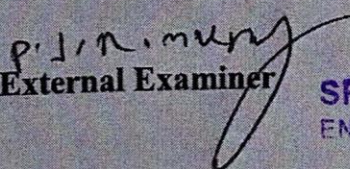
This is to certify that this project report entitled “**CLASSIFICATION OF STUDENTS ACTIVITIES AND HOBBIES USING DATA MINING**” is submitted by **M.ANUHYA (15X41A1219), Y.BHAGYA SREE (15X41A1254), K.VINEELA (15X41A1217), P.RAGHU VAMSI (15X41A1227)**, to the **JNTU KAKINADA** in partial fulfilment for the award of Degree in Bachelor of Technology in Information Technology is bonafide work carried out by them under my supervision during the year 2018-2019.

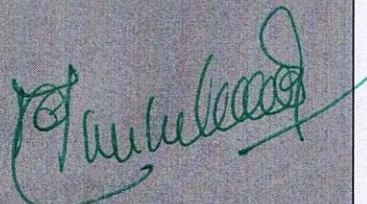
  
**G.SRI LAKSHMI**

Project Internal Guide

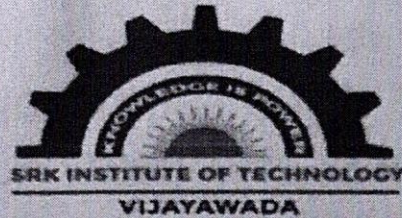
  
**J.N.PAVAN KUMAR**

Head of the Department

  
Signature of the External Examiner

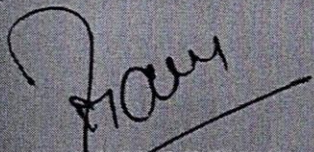
  
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**SRK Institute of Technology**  
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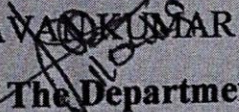
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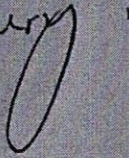


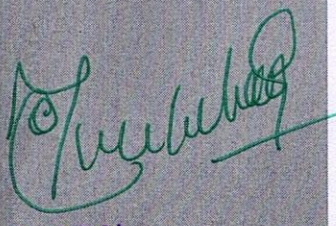
**CERTIFICATE**

It is to certify that this project report entitled “**PROTECTING LOCATION PRIVACY FOR TASK ALLOCATION IN ADHOC MOBILE CLOUD COMPUTING**” is submitted by **G. ANUSHA (15X41A1208), G. VASAVYA (15X41A1205), SK. RAZIYA SHAHEEN (15X41A1239), G. JASWANTH SYAM SUNDAR (15X41A1206), CH.V.SARATH (14X41A1205)** to the **JNTU KAKINADA** in partial fulfilment for the award of Degree in Bachelor of Technology in Information Technology is bonafide work carried out by them under my supervision during the year 2018-2019.

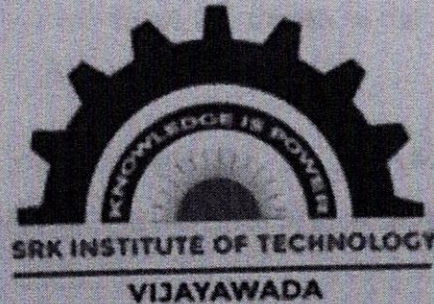
  
**M.R. AM BHUPAL**  
**Internal Guide**

  
**J.N. PAVAN KUMAR**  
**Head Of The Department**

  
**External Examiner**

  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

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**ENIKEPADU, VIJAYAWADA**  
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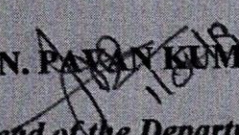


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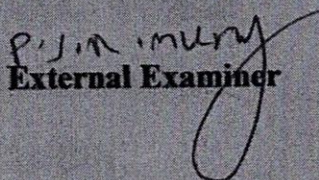
This is to certify that project report entitled "BLOCK CHAIN BASED ID AS A SERVICE" submitted by N.KRISHNA VASANTHI (15X41A1225), G.ARAVIND (15X41A1202), M.KIRAN KUMAR (15X41A1222), LAZUBA CIGNAS (15X41A1210), R.ROHINI (15X41A1235) to the JNTU KAKINADA in partial fulfillment for the award of Degree of Bachelor of Technology in information technology is a bonafide work carried out by them under my supervision during the year 2018-2019

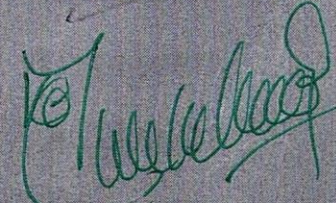
  
M.SURESH BABU

*Project Internal Guide*

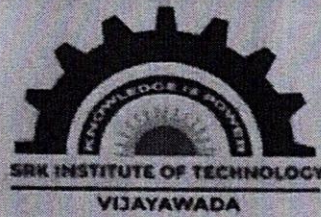
  
J.N. RAJAN KUMAR

*Head of the Department*

  
Signature of the External Examiner

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

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



**CERTIFICATE**

This is to certify that this project report entitled "RECOGNITION OF HUMAN ACTIVITIES USING MACHINE LEARNING METHODS WITH WEARABLE SENSORS" is the bonafide work of Ms. A.V.N.SAI MOUNIKA (15X41A1201), Ms. R.HIMA BINDU (15X41A1234), Ms. G.DILLESWARI (15X41A1204) and Mr. SK.SHAHUL (15X41A1240) in partial fulfilment of the requirements for the award of the graduate degree in BACHELOR OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

~~J.N.PAVAN KUMAR~~  
Project Internal Guide

~~J.N.PAVAN KUMAR~~  
Head of The Department

*P. J. R. Mury*  
Signature of the External Examiner

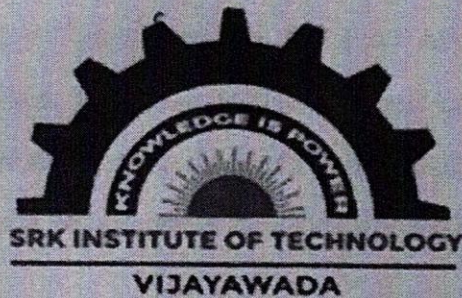
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ENIKEPADU, VIJAYAWADA-521 108.

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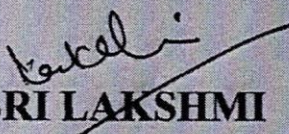
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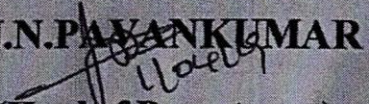
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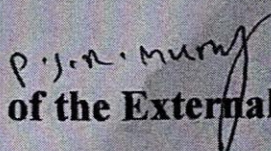


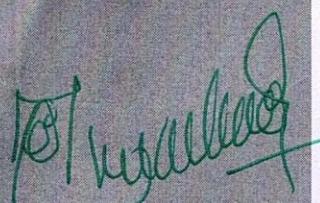
## BONAFIED CERTIFICATE

This is to certify that the project entitled “**CRIME PATTERN DETECTION AND PREDICTION**” is the bonafied work of Mr/Miss. **P.PADMAJA(15X41A1226),Ms.V.SWAPNA(15X41A1246),Ms.P.HARIPRIYA (15X41A1230),Ms.V.V.S.MOUNIKA(15X41A1247) and Mr.K.V.S.MANIKANTA (15X41A1214)** 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 academic year 2018 - 2019 .

  
**G. SRI LAKSHMI**  
(Project Guide)

  
**J.N.PAVANKUMAR**  
(Head of Department)

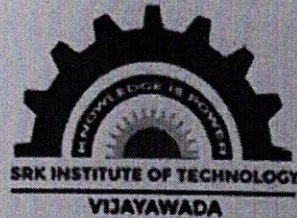
  
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PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.



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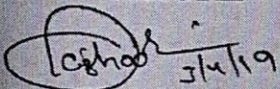
## DEPARTMENT OF INFORMATION TECHNOLOGY



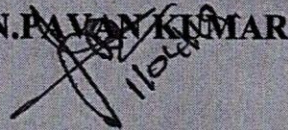
### CERTIFICATE

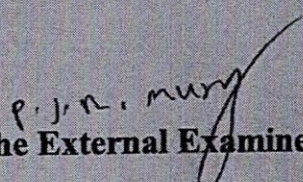
This is to certify that this project report entitled "Facial Recognition System Using Local Binary Patterns(LBP)" is submitted by G.NITHISHA (15X41A1209), V.HEMA (15X41A1248), R.KAVYA (15X41A1232), M.D.N.KUMAR (15X41A1218) to the JNTU KAKINADA in partial fulfillment for the award of degree in Bachelor of Technology in Information Technology is a bonafide work carried out by them under my supervision during the academic year 2018-2019.

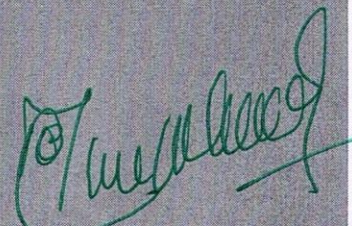
**G.D.K.KISHORE**

  
Project Internal Guide

**J.N.PAVAN KUMAR**

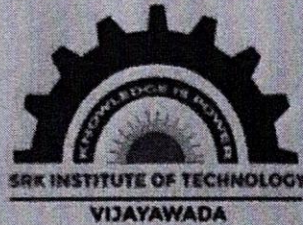
  
Head Of The Department

  
Signature of the External Examiner

  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108,

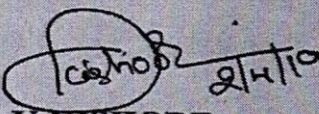
# S.R.K INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF INFORMATION TECHNOLOGY




### CERTIFICATE

We **M.SAI CHAITANYA, Y.S D MAHALAKSHMI, Y.SAI CHANDRIKA, P.NAGARAJU** here by declare that the project report entitled “**Gender Classification through facial feature extraction**” is an original work done in the Department of Information Technology, SRK Institute Of Technology, Enikepadu, Vijayawada, during the academic year 2018-2019, in partial fulfillment for the award of the Degree of Bachelor Of Technology in Information Technology. We assure that this project is not submitted to any other College or University.

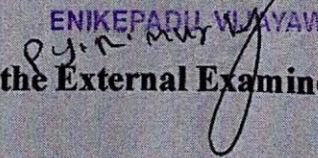
  
**G.D.K.KISHORE**

**Project Guide**

  
**J.N.PATIL KUMAR**  
**Head of The Department**

  
**PRINCIPAL**

**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

  
**Signature of the External Examiner**

**S.R.K INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that this project report entitled "PROMOTING GENUINE PRODUCTS THROUGH TEXTUAL REVIEW RATING IN COLLABORATION WITH SOCIAL NETWORKING" is the bonafied work of T.BHARGAVI bearing Regd. No. 16X41D5804 in the partial fulfillment of the requirements for the award of the degree in MASTER OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING during the academic year 2017-2018.

*J Niranjan*  
Signature of Guide

*[Signature]*  
Signature of H.O.D

*[Signature]*  
Signature of External

*[Signature]*  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

# S.R.K INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## CERTIFICATE

This is to certify that this project report entitled "ANALYSIS OF EPIDEMIC DISEASES USING BIG DATA ANALYTICS" is the bonafied work of Y. DEEPTHI bearing Regd. No. 16X41D5805 in the partial fulfillment of the requirements for the award of the degree in MASTER OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING during the academic year 2017-2018.

*Radhika*  
Signature of Guide

*Dr. S. S. S. S.*  
Signature of H.O.D

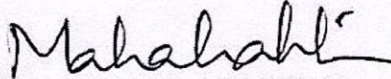
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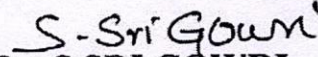
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PRINCIPAL

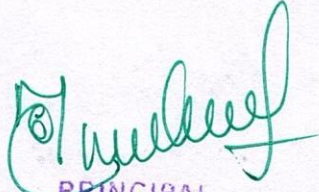
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "WIDE BAND W-SHAPED MICROSTRIP ANTENNA WITH INVERTED U-SLOTTED GROUND FOR WIRELESS APPLICATIONS" is a bonafide record of work carried out by Ms. M.V. ANNAPURNA (11X41D7009) under my guidance and supervision in partial fulfillment of the requirement for award of the degree of Master of Technology in *Electronics and Communication Engineering of Jawaharlal Nehru Technological University, Kakinada.*

  
Mrs. N.V.K. MAHA LAKSHMI  
(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 report entitled "A PSI Based Image Quality Assessment for C2G Image Conversion using WESNR" is a bonafide record of work carried out by Talla Taruna (15X41D7004) under my guidance and supervision for the partial fulfillment of the requirement of award of degree of Master 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)



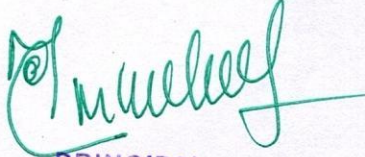
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

## CERTIFICATE

This is to certify that the project report entitled "AVERAGE BIT ERROR RATE AND AVERAGE ACHIEVABLE RATE ANALYSIS OF UNDERLAY COOPERATIVE COGNITIVE RADIO NETWORK OVER NAKAGAMI-M FADING CHANNEL" is a bonafide record of work carried out by Ms.L.Sarala (16X41D7001) under my guidance and supervision for the partial fulfillment of the requirement of award of degree of Master 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  
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ENIKEPADU, VIJAYAWADA-521 108.



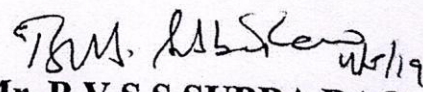
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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
(An ISO 9001-2008 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

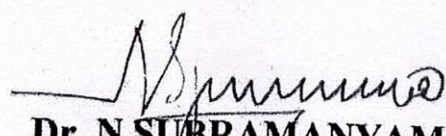
This is to certify that the Mini project entitled “A STUDY ON AUTOMOTIVE INDUSTRY WITH REFERENCE TO HERO MOTOCORP” is a bonafide work done by **ABDUL RAVOOF** Registered No. **18X41E0001** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-2020) 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. CHINNAI**

**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.**

  
**PRINCIPAL**

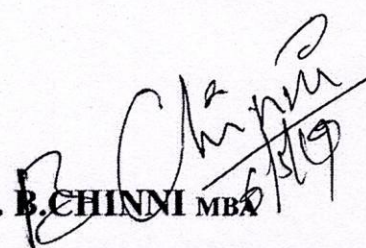


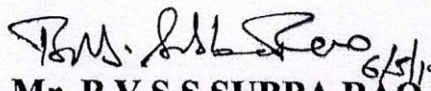


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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

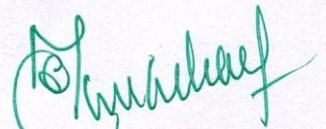
This is to certify that the Mini project entitled “A STUDY ON AUTOMOTIVE INDUSTRY WITH REFERENCE OF TVS” is a bonafide work done by **BATHULA GOPI KRISHNA** Registered No. **18X41E0005** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. CHINNI** MBA  
**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  
VIJAYAWADA-521 108.

  
**PRINCIPAL**

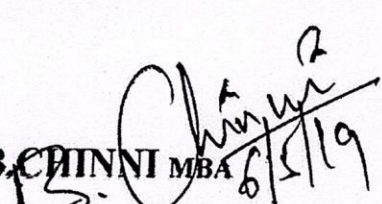
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**ENIKEPADU, VIJAYAWADA-521 108.**

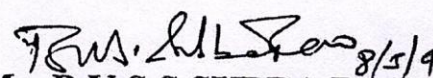


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Enikepadu, Vijayawada - 521 108

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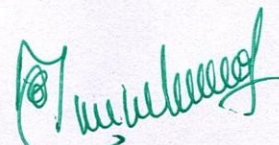
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Mr. B. CHINNI MBA  
Asst. Professor & Project Guide

  
Mr. B.V.S.S.SUBBA RAO  
Project Review Committe

  
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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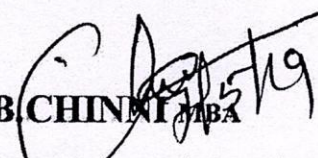
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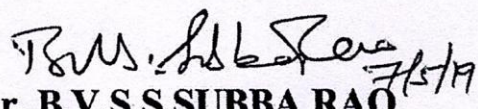


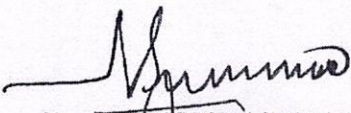
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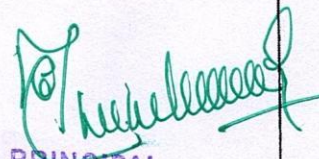
**CERTIFICATE**

This is to certify that the Mini project entitled “**A STUDY ON AUTOMOTIVE INDUSTRY WITH REFERENCE OF BMW**” is a bonafide work done by **KONDAPALLY JAGADISH KUMAR** Registered No. **18X41E0026** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. CHINNAI**  
Asst. Professor & Project Guide

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

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

This is to certify that the Mini project entitled “A STUDY ON AUTOMOTIVE INDUSTRY WITH REFERENCE TO BHARAT BENZ” is a bonafide work done by **KUCHIBHOTLA SAI SUPRIYA** Registered No. **18X41E0027** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration (First Year admitted batch of 2018-2020)** 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.

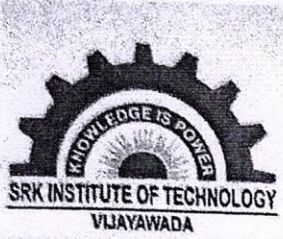
**Mr.B.CHINNI**  
**Asst. Professor & Project Guide**

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

**Dr.N.SUBRAMANYAM**  
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This is to certify that the Mini project entitled “A STUDY ON **AUTOMOTIVE INDUSTRY WITH REFERENCE TO ASHOK LEYLAND**” is a bonafide work done by **NIDUMOLU V S M SIVA SAI** Registered No. **18X41E0034** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-2020) 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. CHINMAY**

**Asst. Professor & Project Guide**

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

**Project Review Committee**

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**Professor & Head**

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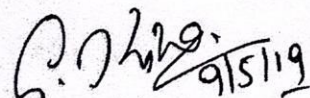
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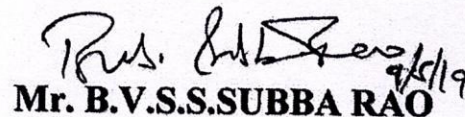
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This is to certify that the Mini project entitled “A STUDY ON BANKING INDUSTRY WITH REFERENCE TO IDBI” is a bonafide work done by ADIMULAM RAVI Registered No. 18X41E0002 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-19) 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.

  
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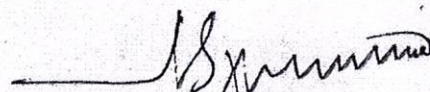
**Mr. G. KIRAN**

**Asst. Professor & Project Guide**

  
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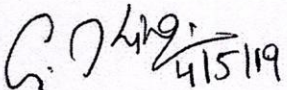
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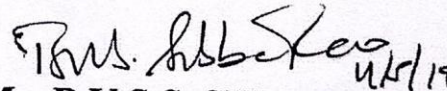
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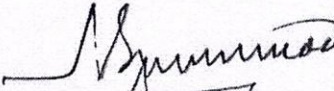
This is to certify that the Mini project entitled “**A STUDY ON BANKING INDUSTRY WITH REFERENCE TO STATE BANK OF INDIA**” is a bonafide work done by **BAPANAPALLI LAKSHMANKUMAR** Registered No. **18X41E0004** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. G. KIRAN** MBA

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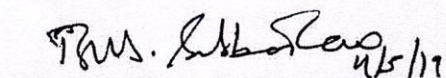
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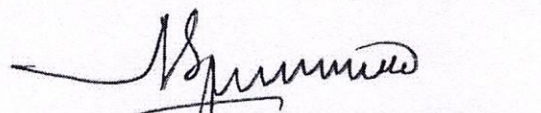
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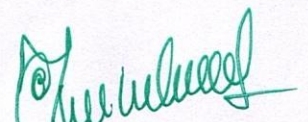
  
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**Mr. G. KIRAN MBA**

**Asst. Professor & Project Guide**

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

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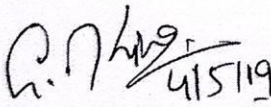




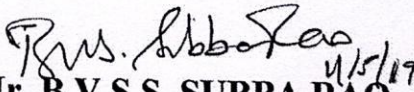
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This is to certify that the Mini project entitled “**A STUDY ON BANKING INDUSTRY WITH REFERENCE TO CANARA BANK**” is a bonafide work done by **DUSANAPUDI SIVA PARVATHI** Registered No. **18X41E0010** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. G. KIRAN MBA**

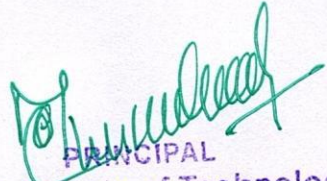
**Asst. Professor & Project Guide**

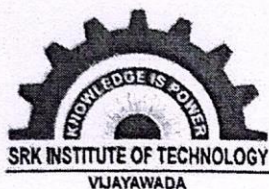
  
**Mr. B.V.S.S. SUBBA RAO**

**Project Review Committe**

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

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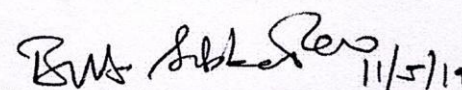


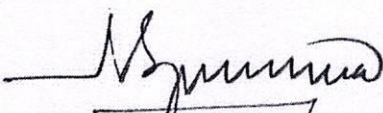
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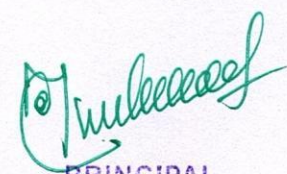
## CERTIFICATE

This is to certify that the Mini project entitled “A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO AIR AISA AIRLINES ” is a bonafide work done by **GANNA.PARVATHI** Registered No. **18X41E0011** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.KRISHNAIAH** MBA  
Asst. Professor & Project Guide

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

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

  
PRINCIPAL  
**SRK Institute of Technology**  
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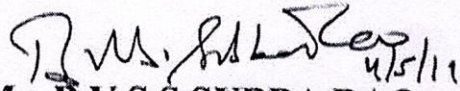
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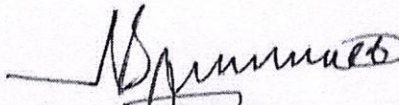
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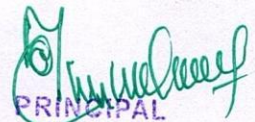
  
**Mr. G. KIRAN**

**Asst. Professor & Project Guide**

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

**Project Review Committee**

  
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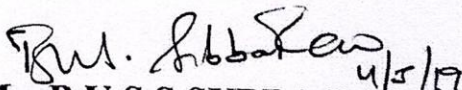
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4/5/19  
**Mr. G.KIRAN MBA**

**Asst. Professor & Project Guide**

  
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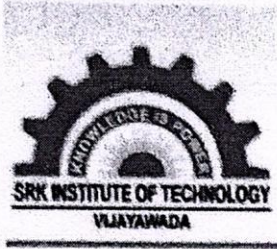
**Project Review Committee**

  
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**Professor & Head**

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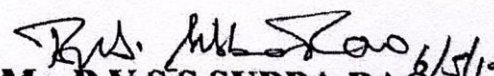
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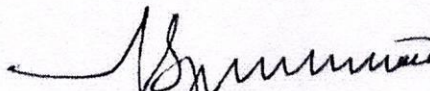
This is to certify that the Mini project entitled “A STUDY ON BANKING INDUSTRY WITH REFERENCE TO KARUNA VYSYA BANK” is a bonafide work done by **SHAIK ISMAIL** Registered No. **18X41E0041** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. G.KIRAN**

**Asst. Professor & Project Guide**

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

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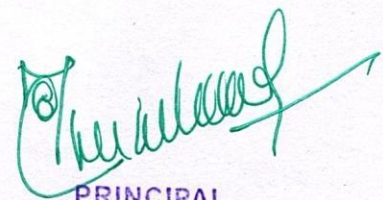
**Dr.N.SUBRAMANYAM**

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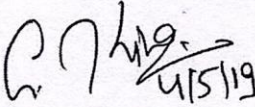
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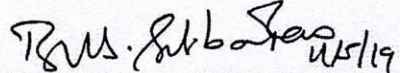
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**CERTIFICATE**

This is to certify that the Mini project entitled “**A STUDY ON BANKING INDUSTRY WITH REFERENCE TO ANDHRA BANK**” is a bonafide work done by **SHAIK RAHIMUNNISA** Registered No. **18X41E0043** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. G. KIRAN** MBA

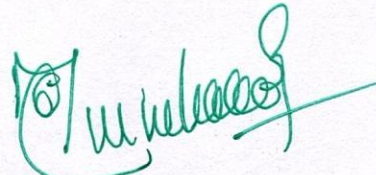
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**Mr. B.V.S.S. SUBBA RAO**

**Project Review Committee**

  
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**Professor&Head**

**Professor & Head**  
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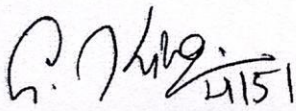
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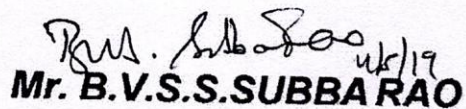
**CERTIFICATE**

This is to certify that the Mini project entitled "**A STUDY ON BANKING INDUSTRY WITH REFERENCE TO LIFE IDFC LIMITED**" is a bonafide work done by **V.SRI PUJITHA** Registered No. **18X41E0050** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

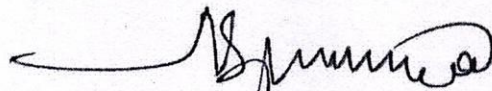
  
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**Mr. G. KIRAN MBA**

**Asst. Professor & Project Guide**

  
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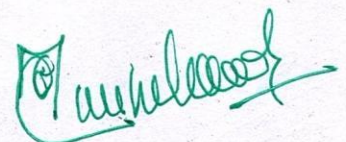
**Project Review Committee**



**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 Mini project entitled “**A STUDY ON BANKING INDUSTRY WITH REFERANCE TO SYNDICATE BANK**” isa bonafide work done by **V.SAPTHAVI KRISHNA** Registered No. **18X41E0051** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-20) 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.

*G. Kiran*  
4/15/19

**Mr. G. KIRAN**

*B. V. S. Subba Rao*  
4/15/19

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

**Asst. Professor & Project Guide Project Review Committee**

*Dr. N. Subramanyam*

**Dr.N.SUBRAMANYAM**

**Professor & Head**

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*Principal*

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ENIKEPADU, VIJAYAWADA-521 108.

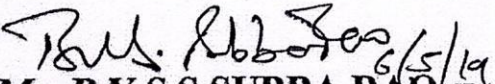


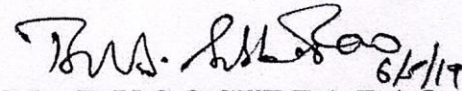


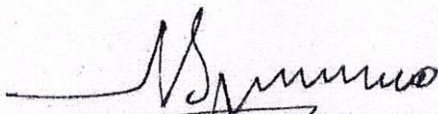
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Enikepadu, Vijayawada – 521 108

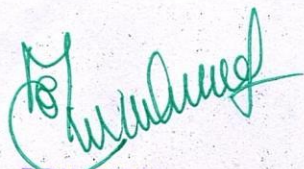
**CERTIFICATE**

This is to certify that the Mini project entitled “A STUDY ON TELECOMMUNICATION INDUSTRY WITH REFERENCE TO RELIACE GSM” is a bonafide work done by **B.TEJA** Registered No. **18X41E0006** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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**  
**Project Review Committe**

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

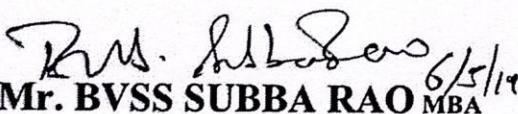
  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

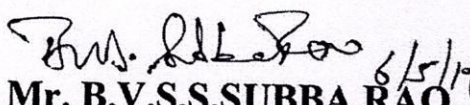


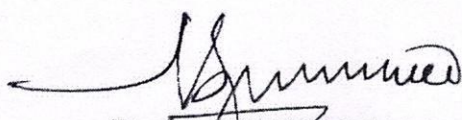
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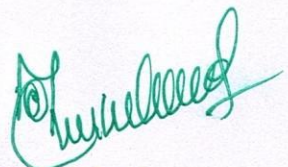
This is to certify that the Mini project entitled “A STUDY ON TELECOMMUNICATION INDUSTRY WITH REFERENCE TO IDEA CELLULAR NETWORK” is a bonafide work done by **D KOTA SRINIVASULU** Registered No. **18X41E0009** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. BVSS SUBBA RAO** <sup>6/5/19</sup> <sub>MBA</sub>  
**Asst. Professor & Project Guide**

  
**Mr. B.V.S.S. SUBBA RAO** <sup>6/5/19</sup>  
**Project Review Committee**

  
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**Professor & Head**

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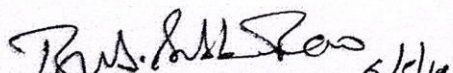
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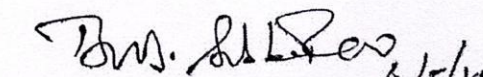
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## CERTIFICATE

This is to certify that the Mini project entitled “A STUDY ON TELECOMMUNICATION INDUSTRY WITH REFERENCE TO JIO” is a bonafide work done by G.LAKSHMI PRASANNA Registered No. 18X41E0016 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-19) 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. BVSS.SUBBARAO

Asst. Professor & Project Guide

  
Mr. B.V.S.S.SUBBA RAO

Project Review Committe

  
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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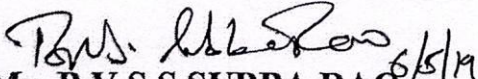
SRK Institute of Technology  
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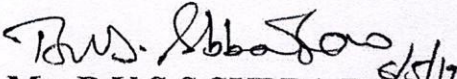


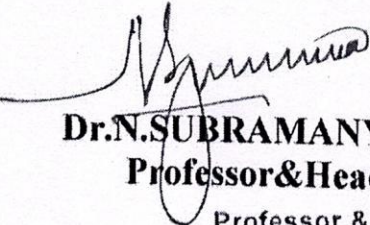
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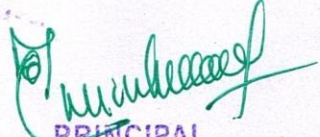
**CERTIFICATE**

This is to certify that the Mini project entitled “A STUDY ON TELECOMMUNICATION INDUSTRY WITH REFERENCE TO TELENOR” is a bonafide work done by **J.VENKATESWARA RAO** Registered No. **18X41E0017** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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**<sub>MBA</sub>  
**Asst. Professor & Project Guide**

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

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

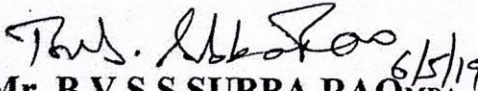
  
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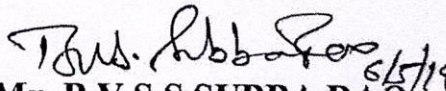


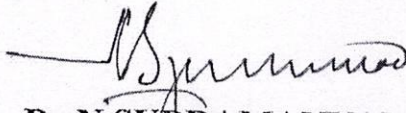
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Enikepadu, Vijayawada – 521 108


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This is to certify that the Mini project entitled “A STUDY ON TELECOMMUNICATION INDUSTRY WITH REFERENCE TO TATA DOCOMO” is a bonafide work done by K.GURU SWAMY Registered No. 18X41E0020 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-19) 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<sup>MBA</sup>  
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.

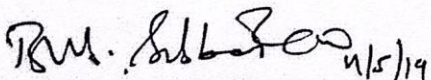
  
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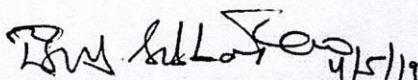


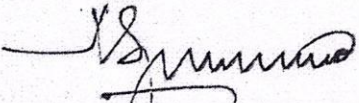
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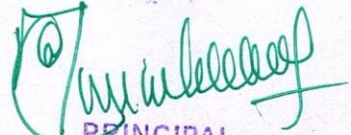
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**Mr. B.V.S.S.SUBBA RAO**<sup>MBA</sup>  
**Asst. Professor & Project Guide**

  
**Mr. B.V.S.S.SUBBA RAO**<sup>MBA</sup>  
**Project Review Committe**

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

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

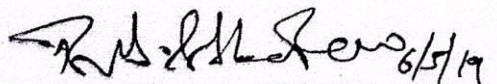
  
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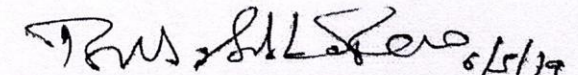
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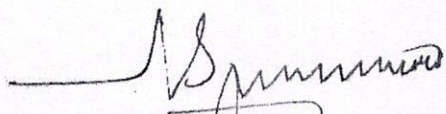
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**Mr. B.V.S.S. SUBBA RAO**

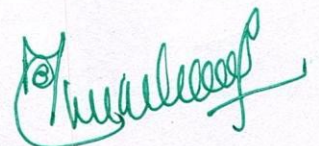
**Asst. Professor & Project Guide**

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

**Project Review Committe**

  
**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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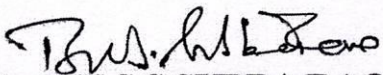
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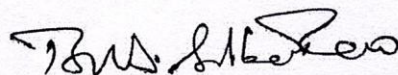


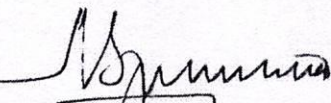
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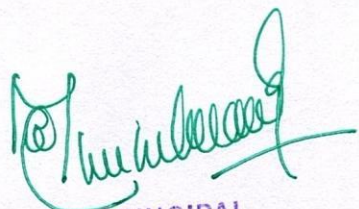
## CERTIFICATE

This is to certify that the Mini project entitled “A STUDY ON TELECOMMUNICATION INDUSTRY WITH REFERENCE TO BSNL” is a bonafide work done by **SK.SHARIF** Registered No. **18X41E0042** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

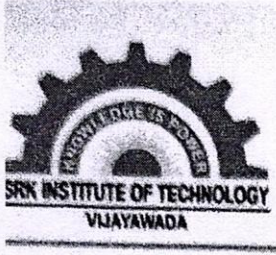
  
**Mr. B.V.S.S.SUBBA RAO**<sub>MBA</sub>  
**Asst. Professor & Project Guide**

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

  
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**Professor & Head**  
Professor & Head  
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**SRK Institute of Technolog**  
**ENIKEPADU, VIJAYAWADA-521 10**





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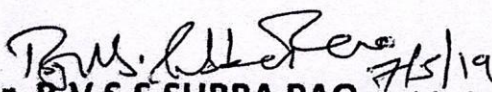
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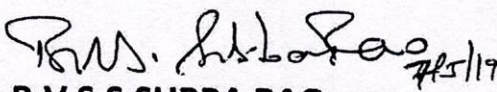
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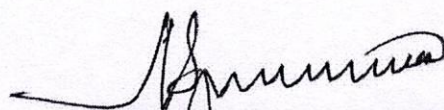
This is to certify that the Mini project entitled "A STUDY ON TELECOMMUNICATIONS INDUSTRY WITH REFERENCE TO VODAFONE" is a bonafide work done by **SINDHU YASASWINI** Registered No. **18X41E0044** under my guidance and supervision in partial fulfilment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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 MBA(Ph.D)

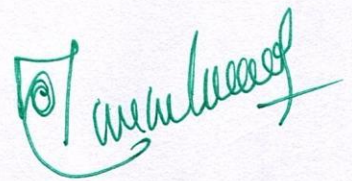
**Asst. Professor & Project Guide**

  
Mr. B.V.S.S.SUBBA RAO

**Project Review Committee**

  
Dr.N.SUBRAMANYAM

**Professor&Head**  
Professor & Head  
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ENIKEPADU, VIJAYAWADA-521 108.



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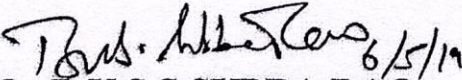
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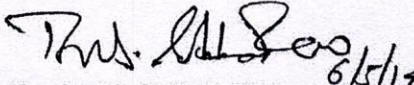
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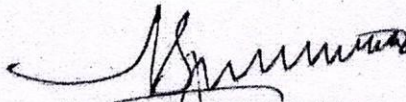
This is to certify that the Mini project entitled “A STUDY ON TELE COMMUNICATION WITH REFERENCE TO RELIANCE ” is a bonafide work done by **VINTHA KRANTHI KIRAN KUMAR REDDY** Registered No. **18X41E0049** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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

**Project Review Committee**

  
**Dr. N. SUBRAMANYAM**

**Professor & Head**

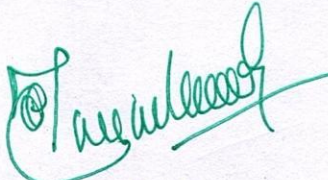
Professor & Head

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SRK Institute of Technology,

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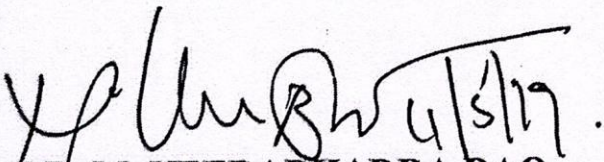
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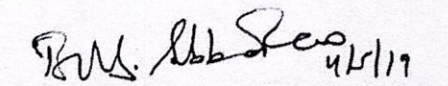
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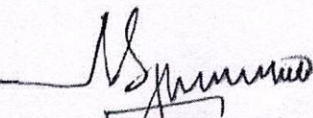
This is to certify that the Mini project entitled “A STUDY ON DAIRY INDUSTRY WITH REFERENCE TO AMUL INDIA PVT LTD” is a bonafide work done by GANTA JYOTHIRMAI Registered No. 18X41E0012 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-19) 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**

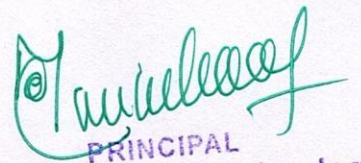
**Professor & Project Guide**

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

**Project Review Committe**

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

**Professor & Head**  
Department of Business Administration,  
SRK Institute of Technology,  
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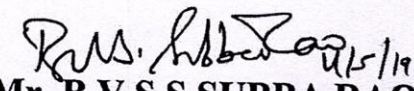
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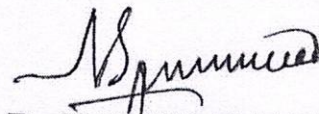
This is to certify that the Mini project entitled “**A STUDY ON CONFECTIONERY INDUSTRY WITH REFERENCE TO CADBURY**” is a bonafide work done by **GOLLA SAI DURGA** Registered No. **18X41E0015** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

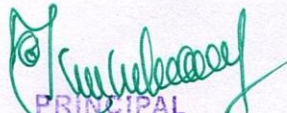
  
**Dr.M.VEERABHADRA RAO**

**Professor & Project Guide**

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

**Project Review Committe**

  
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**Professor & Head**  
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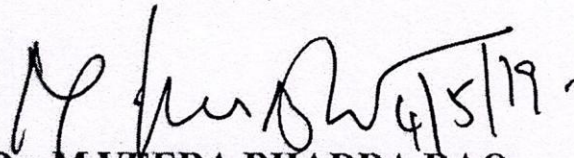
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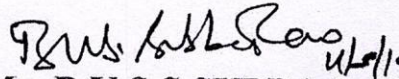
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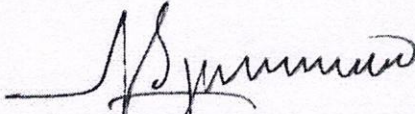
This is to certify that the Mini project entitled "A STUDY ON Beverage INDUSRTY WITH REFERENCE TO COCO COLA COMPANY" is a bonafide work done by KAGGA VIJAYAJAYANTHI Registered No. 18X41E0018 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-19) 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.VEERA BHADRA RAO

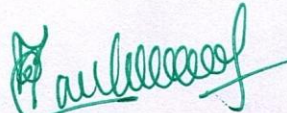
Professor & Project Guide

  
Mr. B.V.S.S.SUBBA RAO

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Dr.N.SUBRAMANYAM  
Professor & Head

Professor & Head  
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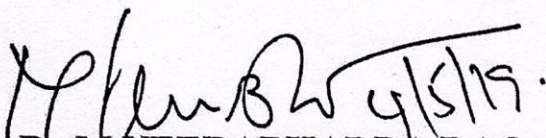
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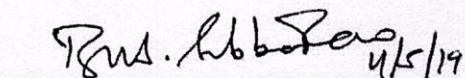
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**CERTIFICATE**

This is to certify that the Mini project entitled "A STUDY ON FOOD INDUSTRY WITH REFERENCE TO BRITANNIA" is a bonafide work done by **KONA.PUSHPA LATHA** Registered No. **18X41E0025** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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**

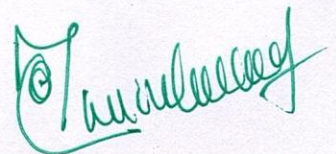
  
**Mr. B.V.S.S. SUBBA RAO**

**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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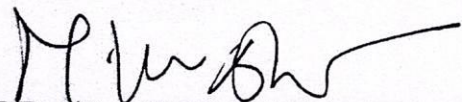
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**ENIKEPADU, VIJAYAWADA-521 108.**

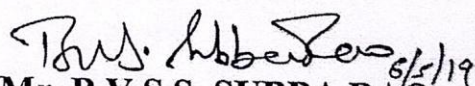


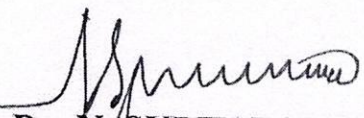
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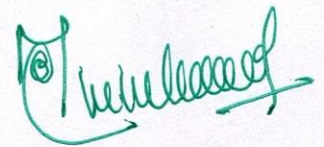
This is to certify that the Mini project entitled “**A STUDY ON FOOD INDUSTRY WITH REFERENCE TO PARLE COMPANY**” is a bonafide work done by **ANIL KUMAR** Registered No. **18X41E0030** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. VEERA BHADRA 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,  
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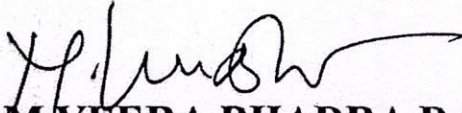
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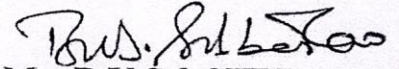
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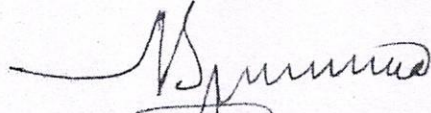
This is to certify that the Mini project entitled “A STUDY ON FOOD INDUSTRY WITH REFERENCE TO DABUR COMPANY” is a bonafide work done by **PENDYALA TIRUMALA RAO** Registered No. **18X41E0035** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. VEERA BHADRA RAO**

**Professor & Project Guide**

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

**Project Review Committee**

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

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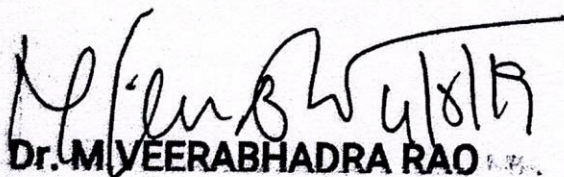




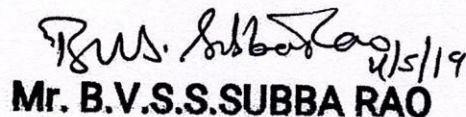
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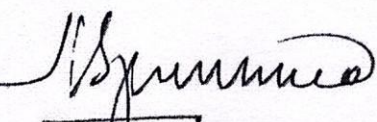
This is to certify that the Mini project entitled "**A STUDY ON FOOD INDUSTRY WITH REFERENCE TO KELLOGG'S COMPANY**" is a bonafide work done by **RUDRA TEJASREE** Registered No. **18X41E0038** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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**

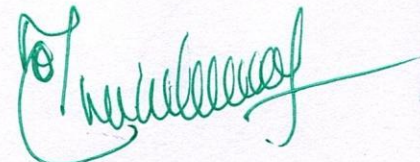
**Professor & Project Guide**

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

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

**Professor & Head**  
Department of Business Administration,  
**SRK Institute of Technology,**  
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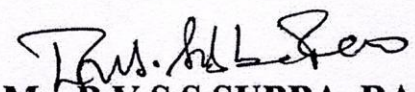


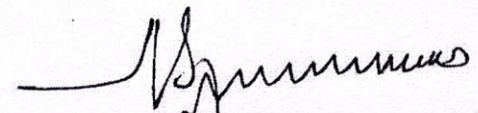
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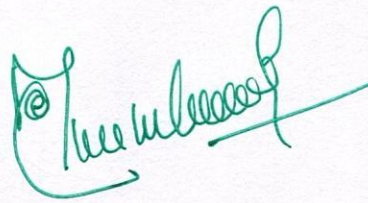
## CERTIFICATE

This is to certify that the Mini project entitled “**A STUDY ON FOOD INDUSTRY WITH REFERENCE TO MTR FOODS**” is a bonafide work done by **THALLURU GOPALAKRISHNA** Registered No. **18X41E0045** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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 VEERA BHADRA RAO**  
Professor & Project Guide

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

  
**Dr.N.SUBRAMANYAM**  
Professor & Head  
Department of Business Administration,  
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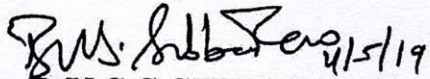
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This is to certify that the Mini project entitled “A STUDY ON FOOD INDUSTRY WITH REFERENCE TO HALDIRAM’S INDIA PVT LTD” is a bonafide work done by TUMULURI SAI APARNA Registered No. 18X41E0046 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-19) 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. VEERA BHADRA RAO

**Professor & Project Guide**

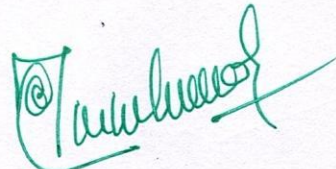
  
Mr. B.V.S.S. SUBBA RAO

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Dr. N. SUBRAMANYAM

**Professor & Head**

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Department of Business Administration,  
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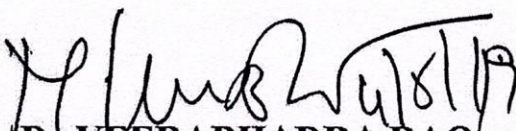
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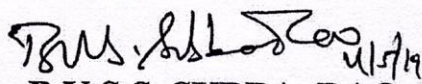
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This is to certify that the Mini project entitled “A STUDY ON FOOD INDUSTRY WITH REFERENCE TO NESTLE is a bonafide work done by VELAGALA YAMINI DEVI Registered No. 18X41E0047 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. VEERABHADRA RAO**

**Professor & Project Guide**

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

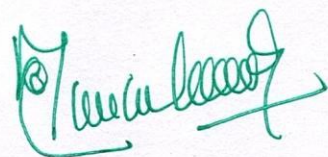
**Project Review Committee**

  
**Dr.N. SUBRAMANYAM**

**Professor & Head**

**Professor & Head**

**Department of Business Administration,  
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**CERTIFICATE**

This is to certify that the Mini project entitled “**A STUDY ON FMCG INDUSTRY WITH REFERENCE TO GODREJ GROUP**” is a bonafide work done by **GAYAM LOKESH** Registered No. **18X41E0013** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

*Shafillb*  
04/05/19.

**Mr. SHAIK SHAFI MBA**

**Asst. Professor & Project Guide**

*B.V.S.S. Subba Rao*  
4/5/19

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

**Project Review Committe**

*Dr. N. Subramanyam*  
**Dr.N. SUBRAMANYAM**

**Professor&Head**

**Professor & Head**

**Department of Business Administration,  
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**CERTIFICATE**

This is to certify that the Mini project entitled “A STUDY ON CONSUMER GOODS INDUSTRY WITH REFERENCE TO HUL” is a bonafide work done by **KARRI NAGA RAJU** Registered No. **18X41E0019** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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**.

*Shafiullah*  
04/05/19.

**Mr. SK SHAFIULLAH**  
**Asst. Professor & Project Guide**

*B.V.S.S. Subba Rao*  
04/05/19

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

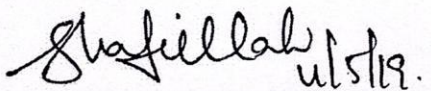
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**SRK Institute of Technology**  
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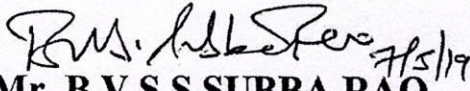


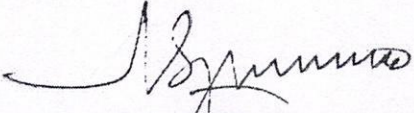
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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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## CERTIFICATE

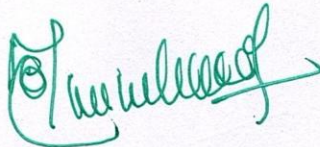
This is to certify that the Mini project entitled “A STUDY ON FAST MOVING CONSUMER GOODS TO PROCTER&GAMBLE ” is a bonafide work done by **MOHAMMAD GOUSE** Registered No. **18X41E0031** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. SHAIK.SHAFIULLAH**  
**Asst. Professor & Project Guide**

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

  
**Dr.N.SUBRAMANYAM**

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

  
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.



## CERTIFICATE

This is to certify that the Mini project entitled “A STUDY ON FMCG INDUSTRY WITH REFERENCE TO ITC COMPANY” is a bonafide work done by **NARINDI RAVITEJA** Registered No. 18X41E0033 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

*Shafiullah*  
02/05/19

**Mr. SK SHAFIULLAH**

**Asst. Professor & Project Guide**

*B.V.S.S Subba Rao*  
4/5/19

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

**Project Review Committee**

*Dr. N. Subramanyam*

**Dr.N.SUBRAMANYAM**

**Professor & Head**

Professor & Head

Department of Business Administration,  
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Enikepadu, Vijayawada – 521 108

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This is to certify that the Mini project entitled **“A STUDY ON FMCG INDUSTRY WITH REFERENCE TO PANTANJALI AYURVED COMPANY”**

is a bonafide work done by **MUCHU VENKATA KRISHNA** Registered No. **18X41E0048** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

*Shafiullah*  
6/5/19

**Mr. SK SHAFIULLAH**

**Asst. Professor & Project Guide**

*B.V.S.S Subba Rao*  
6/5/19

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

**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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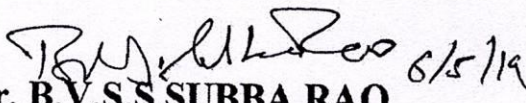


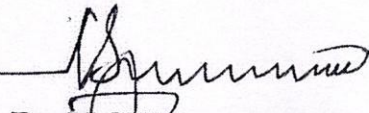
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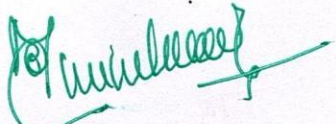
This is to certify that the Mini project entitled “A STUDY ON CIVIL AVIATION INDUSTRY WITH REFERENCE TO VISTARA” is a bonafide work done by **K.VIDYA SAGAR** Registered No. **18X41E0021** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.KRISHNAIAH**  
**Professor & Project Guide**

  
**Mr. B.V.S.S.SUBBA RAO** 6/5/19  
**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.

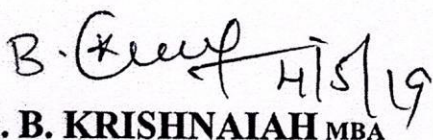
  
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**SRK Institute of Technology**  
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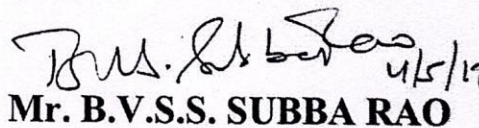
**CERTIFICATE**

This is to certify that the Mini project entitled “A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO GOAIR” is a bonafide work done by **M.K.S.SANDEEP** Registered No. **18X41E0028** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

  
4/5/19

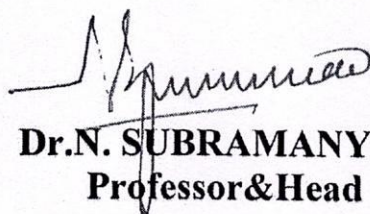
**Mr. B. KRISHNAIAH** MBA

**Asst. Professor & Project Guide**

  
4/5/19

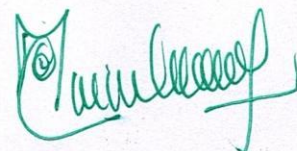
**Mr. B.V.S.S. SUBBA RAO**

**Project Review Committe**



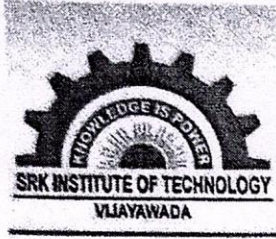
**Dr.N. SUBRAMANYAM**  
**Professor&Head**

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



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**SRK Institute of Technology**  
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(2018 – 2020)



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-K)  
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## CERTIFICATE

This is to certify that the Mini project entitled "A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO JET AIRWAYS" is a bonafide work done by M.Snehitha Registered No. 18X41E00029 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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. *(Signature)* 4/5/19

Mr. B.KRISHNAIAH MBA

Asst. Professor & Project Guide

*(Signature)* 8/5/19

Mr. B.V.S.S.SUBBA RAO

Project Review Committee

*(Signature)*

Dr.N.SUBRAMANYAM

Professor & Head

Professor & Head

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

*(Signature)*

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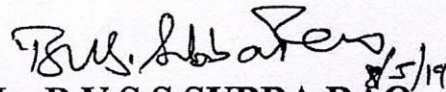


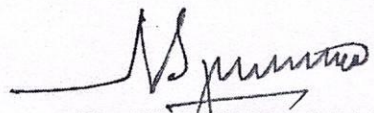
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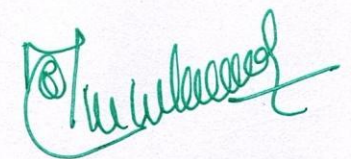
This is to certify that the Mini project entitled “**A STUDY ON INSURANCE INDUSTRY WITH REFERENCE TO REFERENCE TO AIR INDIA**” is a bonafide work done MYNENI.PAVAN KUMAR Registered No.18X41E0032 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.

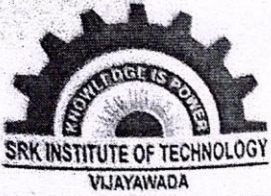
**Mr. B.KRISHNAIAH MBA**  
Asst. Professor & Project Guide

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

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

Professor & Head  
Department of Business Administration,  
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This is to certify that the Mini project entitled "**A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO INDIGO AIRLINES**" is a bonafide work done by **RANGU SAHITHI** Registered No. **18X41E0037** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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-*(Signature)* 4/5/19

**Mr. B. KRISHNAIAH MBA**

**Asst. Professor & Project Guide**

*(Signature)* 4/5/19

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

**Project Review Committee**

*(Signature)*

**Dr.N. SUBRAMANYAM**

**Professor & Head**

Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada

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*(Signature)*

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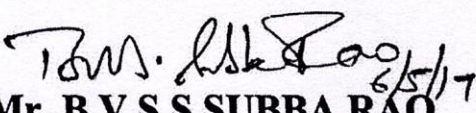


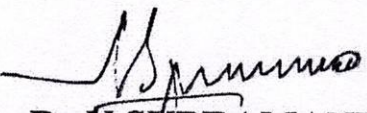
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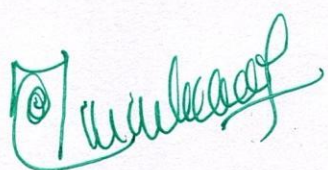
## CERTIFICATE

This is to certify that the Mini project entitled “A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO SPICEJET” is a bonafide work done by S.VENNELA Registered No. 18X41E0039 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2018-2020) 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 .KRISHNAIAH** MBA  
Asst. Professor & Project Guide

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

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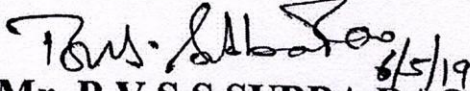


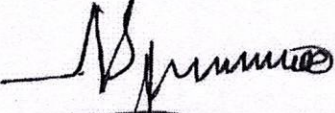
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**CERTIFICATE**

This is to certify that the Mini project entitled “A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO LUFTHANSA AIRLINES ” is a bonafide work done by **V.SAI ANU LIKHITA** Registered No. **18X41E0052** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.KRISHNAIAH MBA**  
**Asst. Professor & Project Guide**

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

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

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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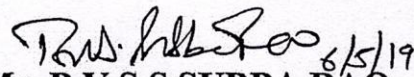


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This is to certify that the Mini project entitled "A STUDY ON AVIATION INDUSTRY WITH REFERENCE TO SINGAPORE AIRLINES" is a bonafide work done by **YARRA SOWJANYA** Registered No. **18X41E0053** under my guidance and supervision in partial fulfilment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2018-19) 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.KRISHNAIAH**<sup>MBA</sup>

**Asst. Professor & Project Guide**

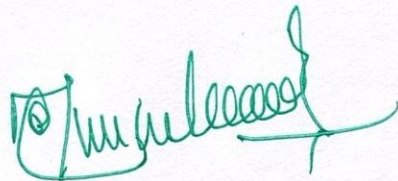
  
**Mr. B.V.S.S.SUBBA RAO**

**Project Review Committe**

  
**Dr.N.SUBRAMANYAM**

**Professor&Head**

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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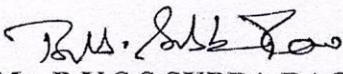
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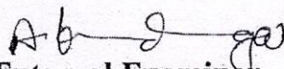
This is to certify that the Project entitled "A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO COOLEX INDUSTRIES PVT LTD" is a bonafide work done by AATHAVA SIRISHA Registered No. 17X41E0003 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **MASTER 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.

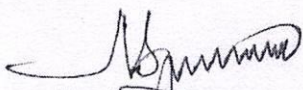
  
**Mr. B. KRISHNAIAH**

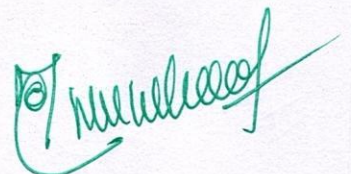
**Asst. Professor & Project Guide**

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

**Project Review Committee**

  
**External Examiner**

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



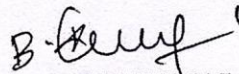
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**



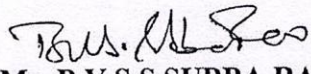
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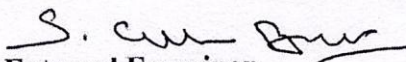
This is to certify that the Project entitled “A STUDY ON FINANCIAL PERFORMANCE THROUGH WORKING CAPITAL MANAGEMENT WITH REFERENCE TO SRI SANTHOSH AUTOMOTIVES” is a bonafide work done by SYAMAL RAO.CH Registered No. 17X41E0011 under my guidance and supervision in partial fulfillment of the requirement 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.

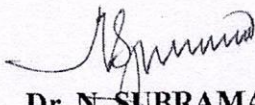
  
Mr. B. KRISHNAIAH.

Asst. Professor & Project Guide

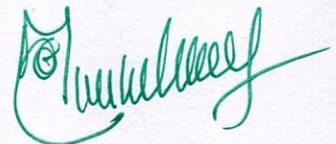
  
Mr. B.V.S.S. SUBBA RAO

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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## S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

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### CERTIFICATE

This is to certify that the Project entitled "A STUDY ON CAPITAL BUDGETING WITH REFERENCE TO SAI SILKS KALAMANDIR LTD.HYDERABAD" is a bonafide work done by GUNDIMEDA INDIRA SATYA SRIJA Registered No. 17X41E0015 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.KRISHNAIAH

Asst. Professor & Project Guide

Mr. B.V.S.S.SUBBA RAO

Project Review Committee

External Examiner

Dr. N. Subramanyam

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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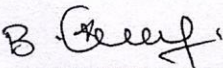
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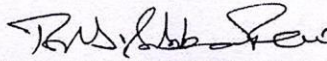
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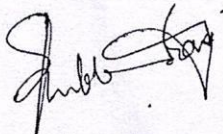
This is to certify that the project entitled "A STUDY ON RATIO ANALYSIS WITH REFERENCE TO RUBY SAND AGGEGATE PRIVATE LIMITED" is a bonfide work done by **GOLLAPUDI RAVALI**, Registered no.17X41E0019 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of MASTER OF BUSINESS ADMINISTRATION in SRK Institute of Technology, Enikepadu , Vijayawada, Affiliated to Jawaharlal Nehru Technological university, Kakinada during the academic year 2017-2019.

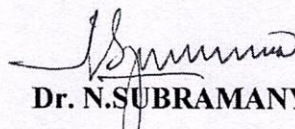
  
**Mr. B.KRISHNAIAH**

**Asst. Professor & Project Guide**

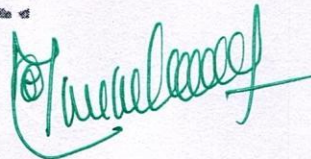
  
**Mr. B.V.S.S.SUBBA RAO**

**Project Review Committee**

  
**External Examiner**

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

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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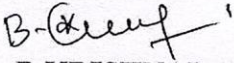
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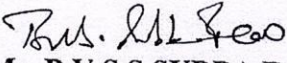


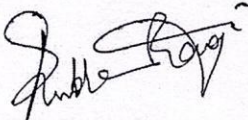
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Enikepadu, Vijayawada – 521 108

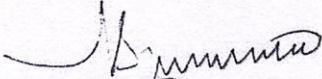
**CERTIFICATE**

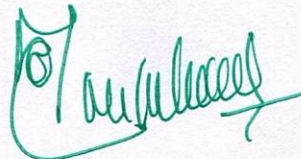
This is to certify that the Project entitled "A STUDY ON FINANCIAL PERFORMANCE THROUGH WORKING CAPITAL MANAGEMENT WITH REFERENCE TO KALPATARUVU SPINNING MILLS LIMITED" is a bonafide work done by **GOVINDU KEERTHI** Registered No. 17X41E0021 under my guidance and supervision in partial fulfillment of 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. KRISHNAIAH**  
Asst. Professor & Project Guide

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

  
**External Examiner**

  
**Dr. N. Subramanyam**  
Professor & Head  
Professor & Head  
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SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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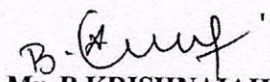
  
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**SRK Institute of Technology**  
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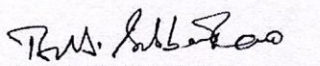
**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**


This is to certify that the Project entitled “A STUDY ON WORKING CAPITAL MANAGEMEN” WITH REFERENCE “ TO The Krishna District Milk Producers Mutually Aided Cooperative Union Ltd , VIJAYAWADA” is a bonafide work done by JONNALAGADDA PARVATHI Registered No. 17X41E0024 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.

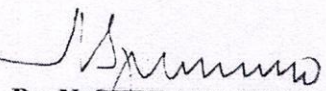
  
Mr. B. KRISHNAIAH

Asst. Professor & Project Guide

  
Mr. B.V.S.S. SUBBA Rao

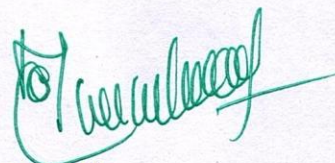
Project Review Committee

  
External Examiner

  
Dr. N. SUBRAMANYAM  
Professor & Head

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 RECRUITMENT AND SELECTION with reference to HOTEL INDUSTRY: QUALTY INN DV MANOR” is a bonafide work done by KALAPALA RAJA BABU Registered No. 17X41E0026 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.KRISHNAIAH**

**Asst. Professor & Project Guide**

**Mr. B.V.S.S.SUBBA Rao**

**Project Review Committee**

**External Examiner**

**Dr. N. Subramanyam**

**Professor & Head**  
Professor & Head

Department of Business Administration,  
SRK Institute of Technology,  
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**CERTIFICATE**

This is to certify that the project entitled **A STUDY ON "INVENTORY MANAGEMENT"** with reference to **INDIAN LEAF TOBACCO DEVELOPMENT COMPANY** is a bonfide work done by **KUPPAM CHANDANA**, Registered no.17X41E0031 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, Enikepadu , Vijayawada, Affiliated to Jawaharlal Nehru Technological university, Kakinada during the academic year 2017-2019.

**Mr. B. KRISHNAIAH**

**Asst. Professor & Project Guide**

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

**Project Review Committee**

**External Examiner**

**Dr. N. SUBRAMANYAM**

**Professor & Head**

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

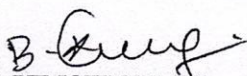
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**ENIKEPADU, VIJAYAWADA-521 108.**



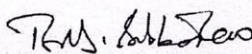
**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

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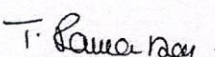
This is to certify that the Mini project entitled "A STUDY ON WORKING CAPITAL WITH REFERENCE TORUBY SAND AND AGGREGATES PRIVATE LIMITED" is a bonafide work done by **MORAM VENKATESH** Registered No. 17X41E0037 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2017-18) 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.

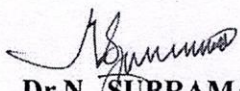
  
**B.KRISHNAIAH**

**Asst. Professor & Project Guide**

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

**Project Review Committe**

  
**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-521 108.**



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### CERTIFICATE

This is to certify that the Project entitled "A STUDY ON BUDGET & BUDGETARY CONTROL WITH REFERENCE TO APSRTC " is a bonafide work done by NAGALLA NARENDRA Registered No. 17X41E0038 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. KRISHNAIAH**

Asst. Professor & Project Guide

**Mr. B.V.S.S. SUBBA Rao**

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 – 521 108

## CERTIFICATE

This is to certify that the Major project entitled “A STUDY ON WORKING CAPITAL MANAGEMENT WITH REFERENCE TO KCP SUGAR & INDUSTRIES CORPORATION LTD” is a bonafide work done by **PATTAPU. RAVI KUMAR** Registered No. **17X41E0045** 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 2018-19) 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. KRISHNAIAH**

Asst. Professor & Project Guide

  
**External Examiner**

**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,  
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ENIKEPADU, VIJAYAWADA-521 108

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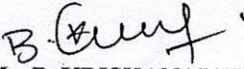
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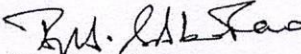


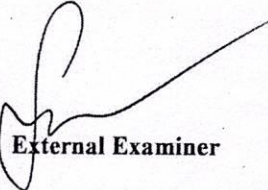
**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

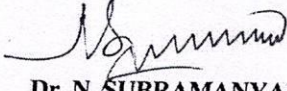
### CERTIFICATE


This is to certify that the Project entitled “A STUDY ON RECRUITMENT AND SELECTION WITH REFERENCE TO Future Value Retail (BigBazaar)” is a bonafide work done by JANORIYA GEETANJALI Registered No. 17X41E0055 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. KRISHANAIAH**  
Asst. Professor & Project Guide

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

  
External Examiner

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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Enikepadu, Vijayawada – 521 108

## CERTIFICATE

This is to certify that the Major project entitled “A STUDY ON CAPITAL BUDGETING WITH REFERENCE TO SOUTH CENTRAL RAILWAY WOMEN’S WELFARE ORGANISATION” is a bonafide work done by **BEDAMSETTL LAVANYA** Registered No. 17X41E0005 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 2018-19) 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. G. KIRAN**

Asst. Professor & Project Guide

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

Project Review Committee

**External Examiner**

**Dr. N. SUBRAMANYAM**

Professor & Head

Professor & Head  
Department of Business Administration,  
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This is to certify that the Project entitled “A STUDY ON CAPITAL STRUCTURE WITH REFERENCE TO HOTEL MINERVA GRAND” is a bonafide work done by **BOBBA SUSMITHA** Registered No. **17X41E0008** 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. G. KIRAN**

**Asst. Professor & Project Guide**

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

**Project Review Committee**

**External Examiner**

**Dr. N. SUBRAMANYAM**

**Professor & Head**

Professor & Head  
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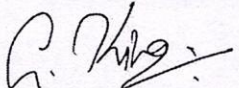
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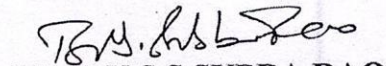
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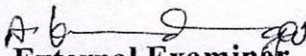
This is to certify that the Major project entitled “A STUDY ON RECRUITMENT AND SELECTION WITH REFERENCE TO COOLEX INDUSTRIES PVT LTD, VIJAYAWADA” is a bonafide work done by GANDIKOTA LAKSHMI PRIYA Registered No. 17X41E0014 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of **Master of Business Administration** (Second Year admitted batch of 2018-19) 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. G. KIRAN

Asst. Professor & Project Guide

  
Mr. B.V.S.S.SUBBA RAO

Project Review Committee

  
External Examiner

  
Dr. N. SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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## CERTIFICATE

This is to certify that the Major project entitled “A STUDY ON COMPARATIVE STUDY ON MUTUAL FUNDS WITH REFERENCE TO INDIA BULLS” is a bonafide work done by **GESAVATH. SAIF ALI KHAN** Registered No. **17X41E0018** 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 2018-19) 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. G. KIRAN**

Asst. Professor & Project Guide

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

Project Review Committee

**External Examiner**

**Dr. N. SUBRAMANYAM**

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Professor & Head

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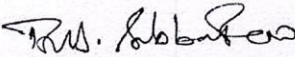
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**DEPARTMENT OF BUSINESS ADMINISTRATION**  
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Enikepadu, Vijayawada – 521 108

## CERTIFICATE


This is to certify that the Major project entitled **A STUDY ON EVALUATION OF LOAN PROCEDURES TOWARDS CONSUMER DURABLE LOANS WITH REFERENCE TO BAJAJ FINSERV LENDING LIMITED, JAGGAIAHPET** is a bonafide work done by **JALADI PRAVEEN** Registered No. **17X41E0022** 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 2018-19) 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.

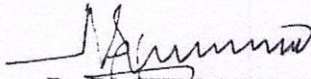
  
**Mr. G. KIRAN**

Asst. Professor & Project Guide

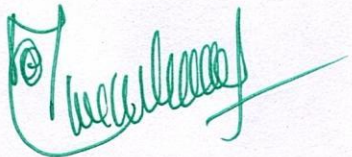
  
**Mr. B.V.S.S. SUBBA RAO**

Project Review Committee

  
**External Examiner**

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

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 Major project entitled “A STUDY ON STRESS MANAGEMENT WITH REFERENCE TO HINDUSTAN COCA-COLA BEVERAGES PRIVATE LIMITED, ATMAKURU” is a bonafide work done by JOHN WESLEY Registered No. 17X41E0023 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 2018-19) 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. G. KIRAN**

Asst. Professor & Project Guide

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

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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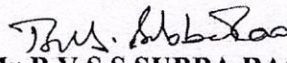
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Enikepadu, Vijayawada – 521 108

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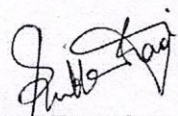
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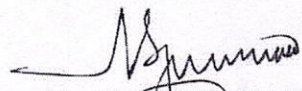
  
**Mr. G.KIRAN**

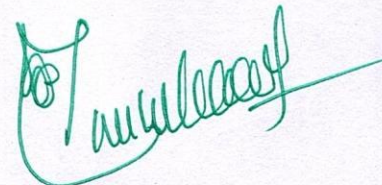
**Asst. Professor & Project Guide**

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

**Project Review Committee**

  
**External Examiner**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the Major project entitled “A STUDY ON RATIO ANALYSIS ON WITH REFERENCE TO K.C.P SUGER AND INDUSTRIES CORPORATION LTD” is a bonafide work done by **MIDIDODLA PRADEEP KUMAR** Registered No. **17X41E0035** 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 2018-19) 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. G. KIRAN**  
Asst. Professor & Project Guide

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

**T. Rama Rao**  
External Examiner

**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
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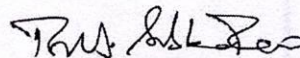
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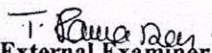
This is to certify that the Project entitled "A STUDY ON FINANCIAL PERFORMANCE THROUGH RATIO'S WITH REFERENCE TO KUSALAVA INTERNATIONAL LIMITED" is a bonafide work done by VENKAMSETTY SAI KUMAR Registered No. 17X41E0043 under my guidance and supervision in partial fulfillment of the requirement for the 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.

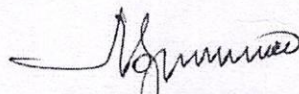
  
Mr. G. KIRAN

Asst. Professor & Project Guide

  
Mr. B.V.S.S. SUBBA Rao

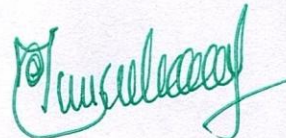
Project Review Committee

  
T. Rama Rao  
External Examiner

  
Dr. N. SUBRAMANYAM

Professor & Head

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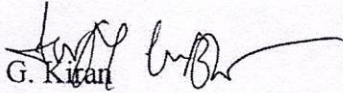
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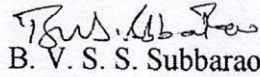
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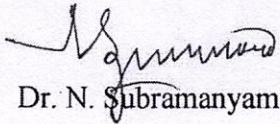
This is to certify that the Major project entitled "A STUDY ON RECRUITMENT AND SELECION WITH REFERENCE TO BAJAJ ALLIANZ LIFE INSURANCE COMPANY LIMITED" is a bonafide work done by **PARISE RAVI KUMAR** rgistered No. 17X41E0044 under my guidance and supervision in partial fulfilment of the requirement for the award of degree of **Master of Business Administration** (Second Year admitted batch of 2018-19) 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.

  
G. Kitan

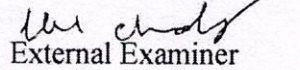
Asst. Professor and Project guide

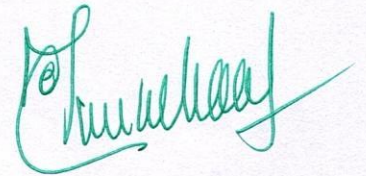
  
B. V. S. S. Subbarao

Project review committee

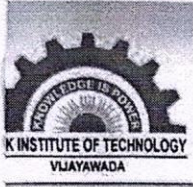
  
Dr. N. Subramanyam

Professor and Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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External Examiner



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SRK Institute of Technology  
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This is to certify that the Project entitled "A STUDY ON HUMAN RESOURCES POLICIES WITH REFERENCE TO KUSALAVA INTERNATIONAL LIMITED" is a bonafide work done by SHAIK AZAR Registered No. 17X41E0047 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. G. KIRAN

Asst. Professor & Project Guide

Mr. B.V.S.S.SUBBA Rao

Project Review Committee

External Examiner

Dr. N. Subramanyam

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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This is to certify that the Project entitled “A STUDY ON RECRUITMENT AND SELECTION WITH REFERENCE TO HOTEL MINERVA GRAND” is a bonafide work done by **SIDDABHATHULA ANUSHA** Registered No. 17X41E0050 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. G. KIRAN**

**Asst. Professor & Project Guide**

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

**Project Review Committee**

**External Examiner**

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

Professor & Head  
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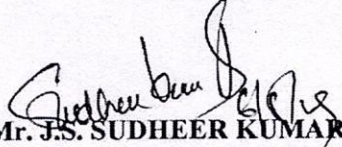
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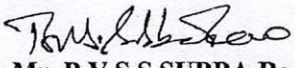


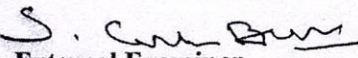
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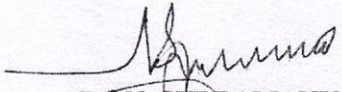
**CERTIFICATE**

This is to certify that the Project entitled “A STUDY ON working capital management with reference to HPCL” is a bonafide work done by **badhem yagneswar** Registered No. **17X41E0007** 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**, Enekepadu, 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. J.S. SUDHEER KUMAR**  
Asst. Professor & Project Guide

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

  
**External Examiner**

  
**Dr. N. SUBRAMANYAM**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
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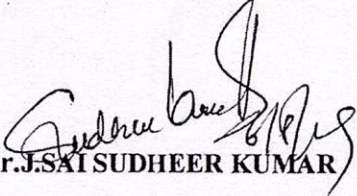
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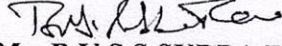


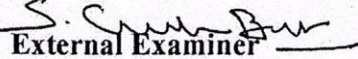
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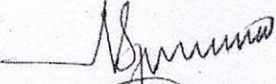
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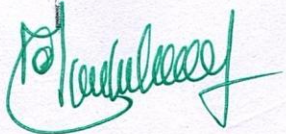
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**Mr. J.SAI SUDHEER KUMAR**  
Asst. Professor & Project Guide

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



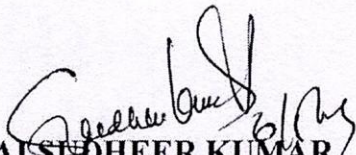
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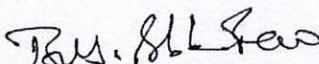


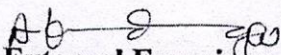
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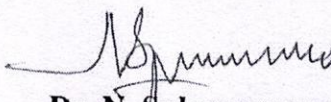
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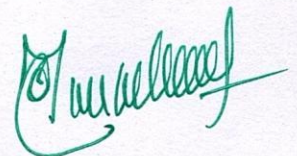
This is to certify that the Project entitled “A STUDY ON TRAINING AND DEVELOPMENT ADITYA BIRLA FASHION AND RETAIL LIMITED ” is a bonafide work done by DASI LILLY GRACE Registered No. 17X41E0012 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **MASTER 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. J. SAISUDHEER KUMAR**  
**Asst. Professor & Project Guide**

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

  
**External Examiner**

  
**Dr. N. Subramanyam**  
**Professor & HOD**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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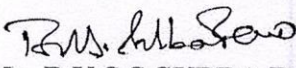
**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the Project entitled “A STUDY ON NON PERFORMING ASSETS WITH REFERENCE TO ANDHRA PRADESH STATE FINANCIAL CORPORATION” is a bonafide work done by GODUGULURI VENKATA SRINIVAS Registered No. 17X41E0017 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.

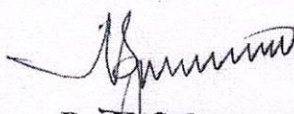
  
Mr. J SAI SUDHEER KUMAR <sup>MBA[PhD]</sup>

Asst. Professor & Project Guide

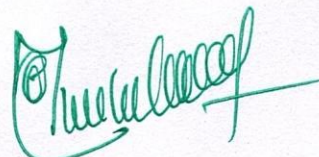
  
Mr. B.V.S.S. SUBBA RAO

Project Review Committee

  
External Examiner

  
Dr. N. Subramanyam  
Professor & Head

Professor & Head  
Department of Business Administration,  
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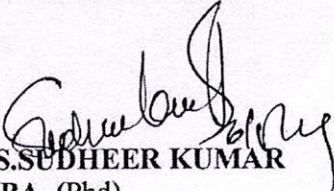
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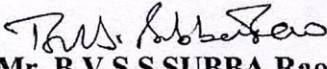
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Enikepadu, Vijayawada – 521 108

## CERTIFICATE


This is to certify that the Project entitled “A STUDY ON BREAK EVEN ANALYSIS WITH REFERENCE TO SPI CINEMAS” is a bonafide work done by **GOPISETTI SARADA** Registered No. **17X41E0020** 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.

  
**J.S.SUDHEER KUMAR**  
MBA, (Phd)

Asst Professor & Project Guide

  
**Mr. B.V.S.S.SUBBA Rao**

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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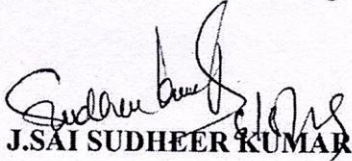
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DEPARTMENT OF BUSINESS ADMINISTRATION

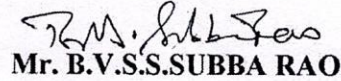
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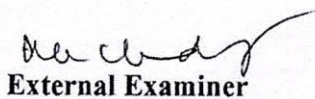
This is to certify that the Project entitled "A STUDY ON PERFORMANCE APPRAISAL WITH REFERENCE TO COOLEX INDUSTRIES PVT.LTD" is a bonafide work done by **KOLLI LAVANYA** Registered No. 17X41E0028 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **MASTER 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.

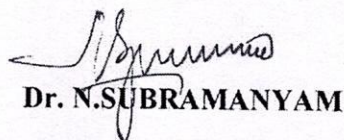
  
Mr. J.SAI SUDHEER KUMAR

Asst. Professor & Project Guide

  
Mr. B.V.S.S.SUBBA RAO

Project Review Committee

  
External Examiner

  
Dr. N.SUBRAMANYAM

Professor & Head

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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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 STRUCTURE WITH REFERENCE TO SOUTH CENTRAL RAILWAYS" is a bonafide work done by KOLLIPARA SAI Registered No. 17X41E0029 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. J. SAI SUDHEER KUMAR MBA (Ph.D)**  
**Professor & Project Guide**

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

**External Examiner**

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

**PRINCIPAL**

**SRK Institute of Technology**  
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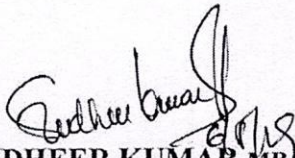


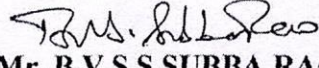


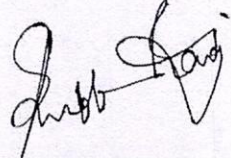
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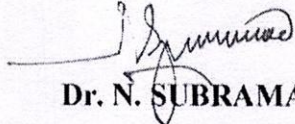
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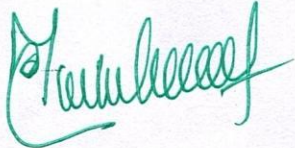
This is to certify that the Project entitled "A STUDY ON WORKING CAPITAL MANAGEMENT" is a bonafide work done by **KONDAVEETI VAMSI** Registered No. **17X41E0030** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **MASTER OF BUSINESS ADMINISTRATION** 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.

  
**J.S.SUDHEER KUMAR MBA (Ph.D)**  
**Professor & Project Guide**

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

  
**EXTERNAL EXAMINER**

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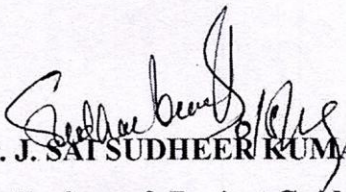
  
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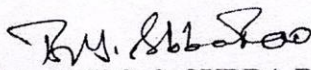


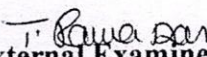
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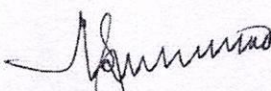
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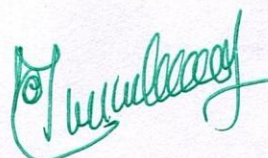
This is to certify that the Project entitled “A STUDY ON WORKING CAPITAL MANAGEMENT WITH REFERENCE TO G.S.ALLOY CASTINGS LIMITED” is a bonafide work done by PASUPULETI SUBRAHMANYAM Registered No. 17X41E0042 under my guidance and supervision in partial fulfillment of the requirement for the award of degree 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. J. SAI SUDHEER KUMAR**  
Asst. Professor & Project Guide

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

  
**External Examiner**

  
**Dr. N. Subramanyam**  
Professor & Head  
Professor & Head  
Department of Business Administration,  
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Affiliated to JNTU Kakinada  
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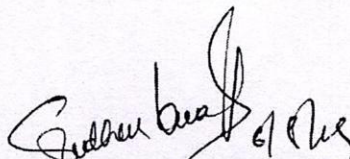
  
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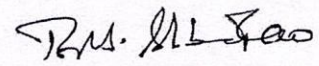


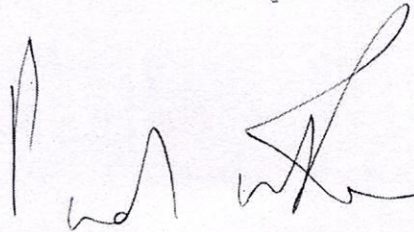
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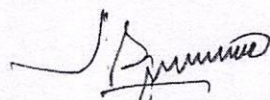
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This is to certify that the Mini project entitled “A STUDY ON WORKING CAPITAL MANAGEMENT WITH REFERENCE TO HEMADRI CEMENTS LIMITED” is a bonafide work done by **RASANI.PRAVEEN KUMAR** Registered No. 17X41E0046 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2017-18) 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. J. SAI SUDHEER KUMAR**  
**Asst. Professor & Project Guide**

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

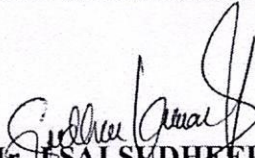
  
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**ENIKEPADU, VIJAYAWADA-521 108.**

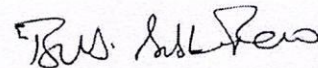


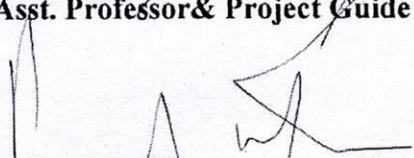
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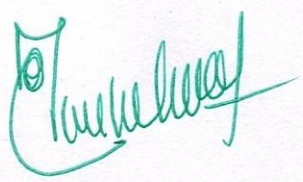
This is to certify that the Project entitled “A STUDY ON FUNDS FLOW STATEMENT WITH REFERENCE TO COROMANDEL AGRO PRODUCTS AND OIL LIMITED” is a bonafide work done by **SHAIK JOHNBAJI** Registered No. **17X41E0048** under my guidance and supervision in partial fulfillment of the requirement for the award 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. U. SALSUDHEER KUMAR**  
**Asst. Professor & Project Guide**

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

  
**External Examiner**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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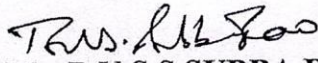
  
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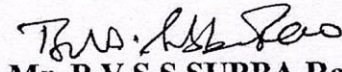
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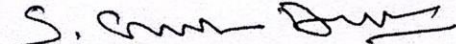
This is to certify that the Project entitled “A STUDY ON TERM LENDING PROCESS’S WITH REFERENCE TO APSFC” is a bonafide work done by DUDLA SOLMANRAJU Registered No. 17X41E0013 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of MASTER OF BUSINESS ADMINISTRATION 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.

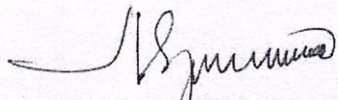
  
Mr. B.V.S.S.SUBBA Rao

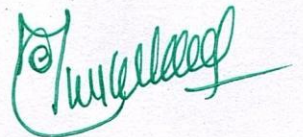
Asst. Professor & Project Guide

  
Mr. B.V.S.S.SUBBA Rao

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.



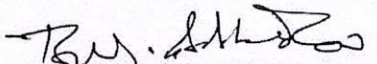
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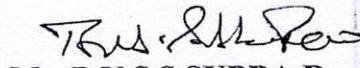
**S.R.K. INSTITUTE OF TECHNOLOGY**  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

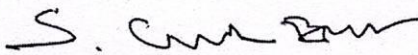
This is to certify that the Project entitled “A STUDY ON FINANCIAL PERFORMANCE THROUGH RATIO’S WITH REFERENCE TO DELTA PAPER MILLS LIMITED” is a bonafide work done by **GADDAM LEELAVATHI** Registered No. 17X41E0016 under my guidance and supervision in partial fulfillment of the requirement for the award 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.

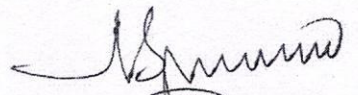
  
**Mr. B.V.S.S.SUBBA Rao**

**Asst. Professor & Project Guide**

  
**Mr. B.V.S.S.SUBBA Rao**

**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-521 108.**



# S.R.K. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF BUSINESS ADMINISTRATION

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## CERTIFICATE

This is to certify that the Mini project entitled "A STUDY ON TRAINING AND DEVELOPMENT with reference to SOUTH CENTRAL RAILWYS" is a bonafide work done by **KARETI VEERA BABU** Registered No. 17X41E0027 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2017-18) 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**

**Professor & Project Guide**

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

**Project Review Committe**

**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 – 521 108

## CERTIFICATE

This is to certify that the Major project entitled “A STUDY ON PERFORMANCE OF MUTUAL FUNDS WITH REFERENCE TO HDFC BANK” is a bonafide work done by **MALLAJOSYULA. VAIDEHI** Registered No. 17X41E0032 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (Second Year admitted batch of 2018-19) 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**

Project Review Committee

**External Examiner**

**Dr. N. SUBRAMANYAM**

**Professor & Head**

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 LIMITED” is a bonafide work done by **CHALAMALA NAGA BHAVANI**, Registered No. **17X41E0033** 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**

**Project Review Committee**

**External Examiner**

**Dr. N. SUBRAMANYAM**

**Professor & Head**

Professor & Head  
Department of Business Administration,  
SRK 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 DELTA PAPER MILLS LIMITED” is a bonafide work done by NAYUDU RAJA Registered No. 17X41E0040 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**

**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.

**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**



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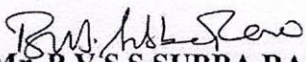
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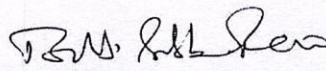
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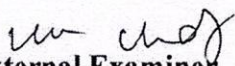
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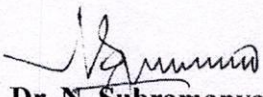
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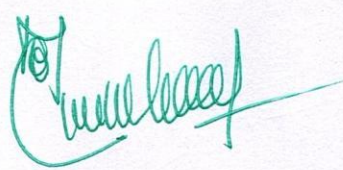
This is to certify that the Project entitled “A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO SAKTHI INDUSTRIES” is a bonafide work done by **SHAIK SAIFALI** Registered No. **17X41E0049** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **MASTER 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**  
**Professor & Project Guide**

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

  
**External Examiner**

  
**Dr. N. Subramanyam**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
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Affiliated to JNTU Kakinada  
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Enikepadu, Vijayawada - 521 108

### CERTIFICATE

This is to certify that the Project entitled "A STUDY ON RECRUITMENT AND SELECTION PROCESS WITH REFERENCE TO BIG BAZAAR" is a bonafide work done by TAMMANA YESWANTH Registered No. 17X41E0053 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. Subba Rao*  
Mr. B.V.S.S.SUBBA Rao

Asst. Professor & Project Guide

*B.V.S.S. Subba Rao*  
Mr. B.V.S.S.SUBBA Rao

Project Review Committee

*External Examiner*  
External Examiner

*Dr. N. Subramanyam*  
Dr. N. Subramanyam  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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*Principal*

PRINCIPAL  
SRK Institute of Technology  
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This is to certify that the Mini project entitled "A STUDY ON RECRUITMENT AND SELECTION WITH REFERENCE TO PRAKASAM MILK PRODUCERS COMPANY LIMITED, ONGOLE" is a bonafide work done by PAMIDI NAGA TEJA Registered No. 17X41E0054 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2017-18) 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

Professor & Project Guide

Mr. B.V.S.S.SUBBA RAO

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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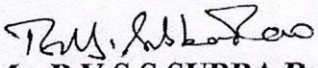
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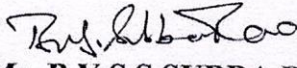
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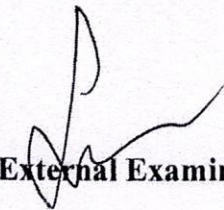
This is to certify that the Project entitled “**A STUDY ON RECRUITMENT AND SELECTIO WITH REFERENCE TO Aditya Birla Fashion and Retail(Pantaloons)**” is a bonafide work done by **VENDRAPU DIVYANJALI** Registered No. **17X41E0057** under my guidance and supervision in partial fulfillment of the requirement 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.

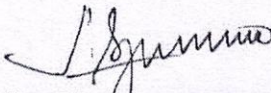
  
**Mr. B.V.S.S.SUBBA Rao**

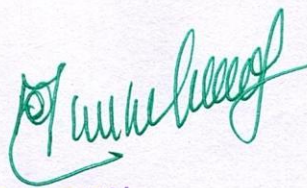
**Asst. Professor & Project Guide**

  
**Mr. B.V.S.S.SUBBA Rao**

**Project Review Committee**

  
**External Examiner**

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
Department of Business Administration,  
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Affiliated to JNTU Kakinada  
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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the Project entitled “**A STUDY ON EMPLOYEE RETENTION WITH REFERENCE TO QUALITY DV MANOR**” is a bonafide work done by **VINUKONDA GOPINATH** Registered No. **17X41E0058** under my guidance and supervision in partial fulfilment 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**

**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-521 108.**



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This is to certify that the Project entitled "A STUDY ON HUMAN RESOURCE PAYROLL WITH REFERENCE TO SAI SILKS KALAMANDIR LIMITED" is a bonafide work done by YALAGANDULA NAGASRI Registered No. 17X41E0059 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

Project Review Committee

External Examiner

Dr. N. SUBRAMANYAM

Professor & Head  
Professor & Head  
Department of Business Administration,  
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Affiliated to JNTU Kakinada  
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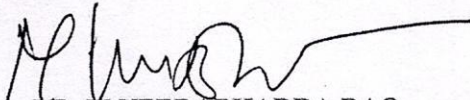


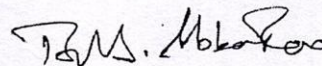


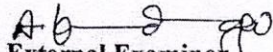
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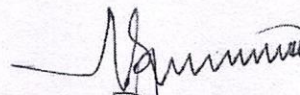
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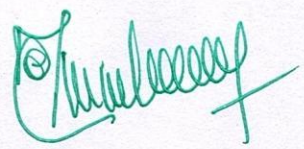
This is to certify that the Project entitled "A STUDY RECRUITMENT AND SELECTION WITH REFERENCE LAKSHMI HYUNDAI, HYDERABAD HYDERABAD" is a bonafide work done by KANNEGANTI.VAMSI KRISHNA Registered No. 17X41E0002 under my guidance and supervision in partial fulfillment of the requirement for the award 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.

  
DR. M.VEERABHADRA RAO  
Professor Project

  
Mr. B.V.S.S.SUBBA Rao  
Review Committee

  
External Examiner

  
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 Mini project entitled "A STUDY ON PAY ROLL WITH REFERENCE TO KUSALAVA MOTORS PVT Ltd, VIJAYAWADA" is a bonafide work done by AVUTHU VALLI Registered No. 17X41E0004 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Master of Business Administration (First Year admitted batch of 2017-18) 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

Project Review Committee

EXTERNAL EXAMINER

Dr. N. SUBRAMANYAM

Professor & Head of the dept

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

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**CERTIFICATE**

This is to certify that the Project entitled "A STUDY ON HUMAN RESOURCE MANAGEMENT THROUGH RECRUITMENT AND SELECTION WITH REFERENCE TO SOUTH CENTRAL RAILWAY" is a bonafide work done by BHARTHIPUDI SRUTHI Registered No. 17X41E0006 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.

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

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

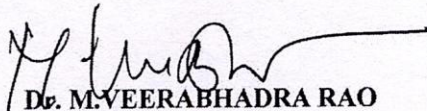
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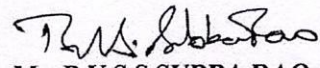


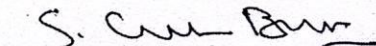
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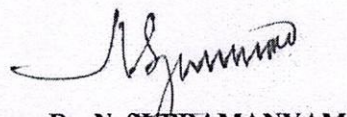
## CERTIFICATE

This is to certify that the Project entitled "A STUDY ON BUDGETARY CONTROL WITH REFERENCE TO SPI CINEMAS" is a bonafide work done by **BURLU LOKESH** Registered No. 17X41E0010 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.

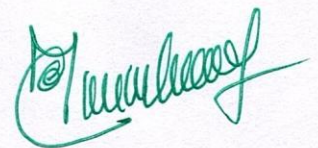
  
**Dr. M.VEERABHADRA RAO**  
Professor & Project Guide

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



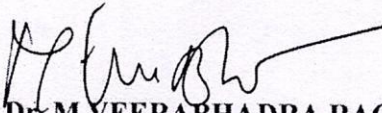
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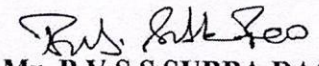


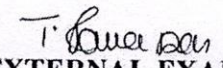
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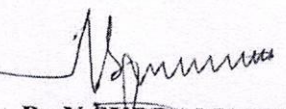
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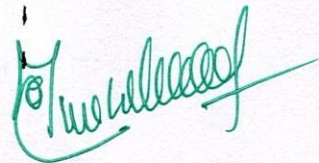
This is to certify that the Mini project entitled “A STUDY ON RATIO ANALYSIS WITH REFERENCE TO G S ELECTRICALS, VIJAYAWADA” is a bonafide work done by MAJJI NAGA SWAPNA Registered No. 17X41E0034 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Business Administration** (First Year admitted batch of 2017-18) 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**  
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.



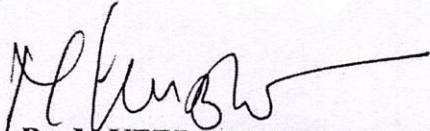
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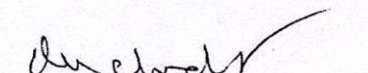
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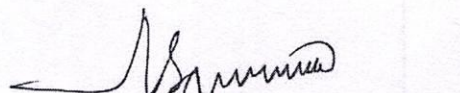
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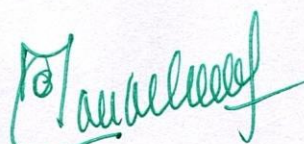
This is to certify that the Project entitled "A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO ANDHRA PRADESH STATE ROAD TRANSPORT CORPORATION" is a bonafide work done by MOHAMMAD ASIF Registered No. 17X41E0036 under my guidance and supervision in partial fulfillment of the requirement for the award 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.

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

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

  
**EXTERNAL EXAMINER**

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

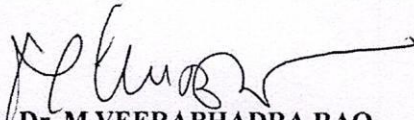
  
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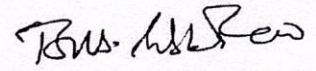


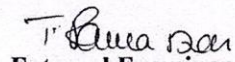
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Enikepadu, Vijayawada – 521 108

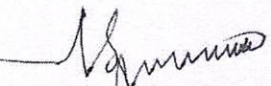
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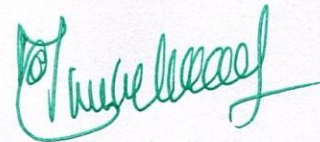
This is to certify that the Project entitled “A STUDY ON RATIO ANALYSIS WITH REFERENCE TO COROMANDEL AGRO PRODUCTS AND OILS LIMITED” is a bonafide work done by NUKATHOTI CHANDRASEKHAR Registered No. 17X41E0041 under my guidance and supervision in partial fulfillment of the requirement for the award of 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.

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

  
Mr. B.V.S.S. SUBBA RAO  
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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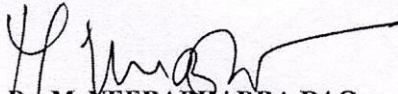
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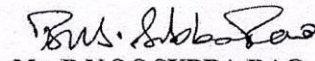
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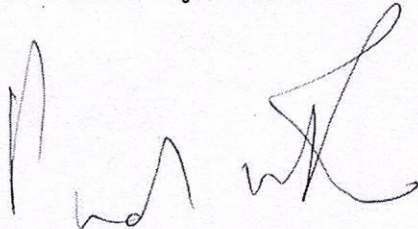
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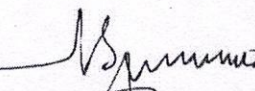
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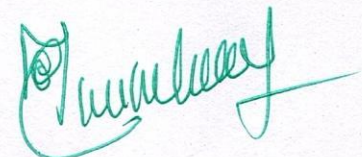
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Dr. M. VEERABHADRA RAO  
Professor & Project Guide

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

  
External Examiner

  
Dr. N. SUBRAMANYAM  
Professor & Head  
Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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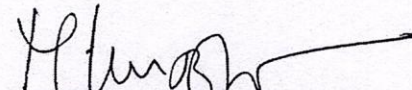


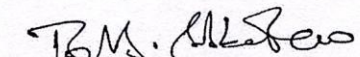


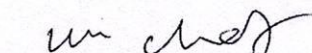
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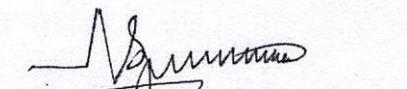
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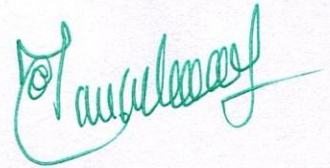
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**Dr. M. VEERABHADRA RAO**  
Professor & Project Guide

  
**Mr. B.V.S.S. SUBBA Rao**  
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.



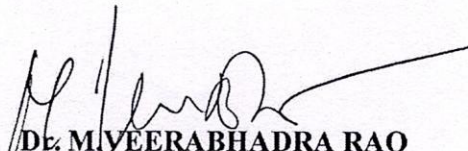
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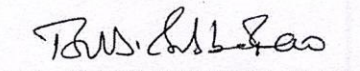


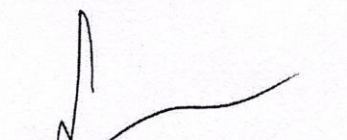
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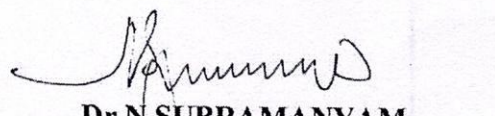
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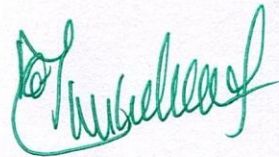
This is to certify that the Project entitled "A STUDY ON JOB ANALYSIS" WITH REFERENCE TO SOUTH CENTRAL RAILWAYS, is a bonafide work done by KUNTA GOPINATH Registered No. 17X41E0060 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of MASTER OF BUSINESS 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.

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

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



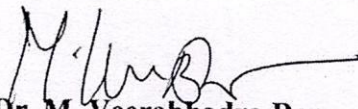
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**SRK Institute of Technology**  
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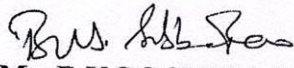
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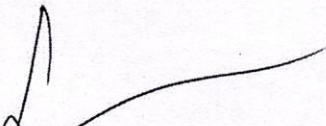
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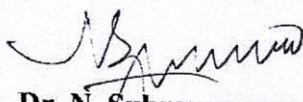
This is to certify that the Project entitled "A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO DELTA PAPER MILLS LIMITED" is a bonafide work done by **GURIJALA GANESH** Registered No. **16X41E0043** under my guidance and supervision in partial fulfillment of the requirement for the award of degree 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.

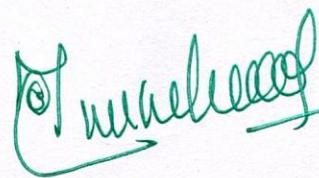
  
**Dr. M. Veerabhadra Rao**

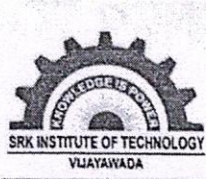
**Professor & Project Guide**

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

  
**External Examiner**

  
**Dr. N. Subramanyam**  
**Professor & Head**  
Professor & Head  
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SRK Institute of Technology,  
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ENIKEPADU, VIJAYAWADA-521 108.

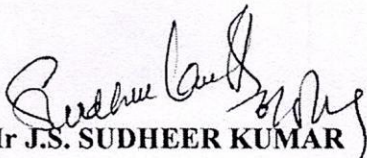
  
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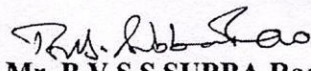


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Enikepadu, Vijayawada – 521 108

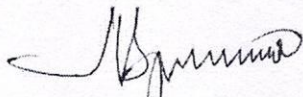
**CERTIFICATE**


This is to certify that the Project entitled "A STUDY ON INVENTORY MANAGEMENT WITH REFERENCE TO GREEN PARK BIO- SCIENCES" is a bonafide work done by N.N.V.S.SASANKA Registered No. 17X41E0039 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 J.S. SUDHEER KUMAR**  
Asst. Professor & Project Guide

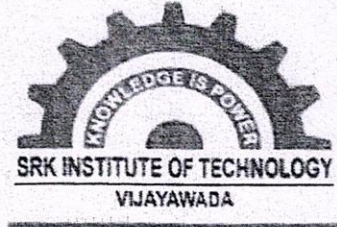
  
**Mr. B.V.S.S. SUBBA Rao**  
Project Review Committee

  
**T. Rama Das**  
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.

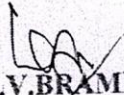
  
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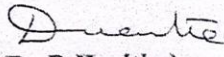
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ENIKEPADU, VIJAYAWADA.  
DEPARTMENT OF COMPUTER APPLICATIONS**

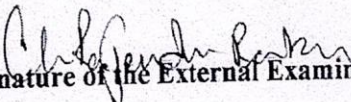


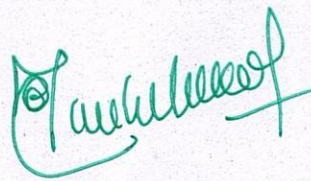
**CERTIFICATE**

This is to certify that this project report entitled "RUMOUR DETECTION ON SOCIAL MEDIA" being submitted by Ms. A. Tara Siva Durga in partial fulfilment for the award of the graduate degree of **MASTER OF COMPUTER APPLICATIONS** in Computer Applications Department to the Jawaharlal Nehru Technological University is a record of bonified work carried out by him under my guidance and supervision.

  
(Mr.D.V.V.BRAMHACHARI)  
*Signature of the Internal*

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

  
*Signature of the External Examiner*

  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

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

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "CAMPUS RECRUITMENT SYSTEM" is the bonafide work of Ms.B.Anusha in partial fulfilment of the requirements for the award of the post graduate in M.C.A during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

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

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

*Ch. Ramesh Babu*  
*Signature of the External Examiner*

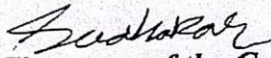
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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

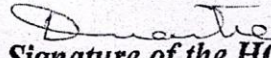
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**DEPARTMENT OF COMPUTER APPLICATIONS**

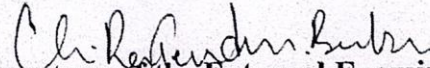


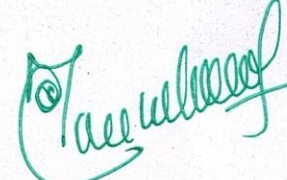
**CERTIFICATE**

This is to certify that this project report entitled "Feature Based Opinion Mining On Student Feedback" is the bonafide work of B.Sharmila in partial fulfillment of the requirements for the award of the post-graduate degree in DEPARTMENT OF COMPUTER APPLICATIONS during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
**Signature of the Guide**  
(N.Sudhakar Reddy)

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

  
**Signature of the External Examiner**

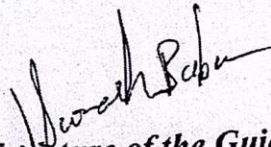
  
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**ENIKEPADU, VIJAYAWADA-521 108.**

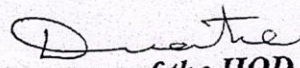
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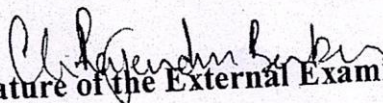


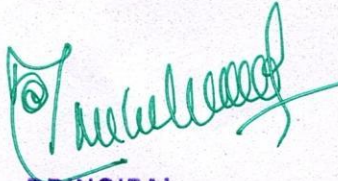
**CERTIFICATE**

This is to certify that this project report entitled "AUTHENTICATION SCHEMES FOR INSTANTANEOUS PASSWORDS USING COLORS AND IMAGES" is the bonafide work of **Mr. Ch. Srikanth (16X41F0004)** in partial fulfilment of the requirements for the award of the post graduate degree in **MASTER OF COMPUTER APPLICATIONS** during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
Signature of the Guide  
(S.Suresh Babu)

  
Signature of the HOD  
(Dr. D Haritha)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

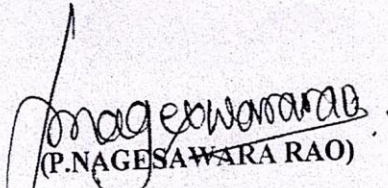


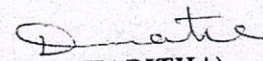
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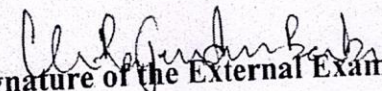


CERTIFICATE

This is to certify that this project report entitled "DIABETIC RETINOPATHY DETECTION" is the bonaifide work of **D.VEERA LAKSHMI** in partial fulfilment of the requirements for the award of the post- graduate degree in Department of MASTER OF COMPUTER APPLICATIONS during the academic year 2018-2019. This work has carried out under our supervision and guidance.

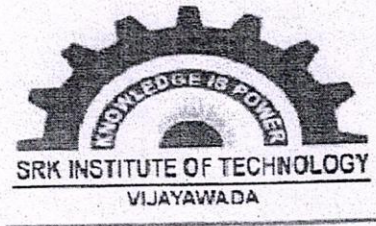
  
(P.NAGESAWARA RAO)  
*Signature of the Internal*

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

  
*Signature of the External Examiner*

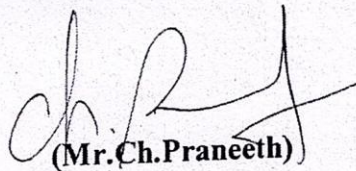
  
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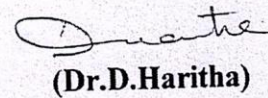


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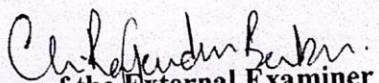
This is to certify that this project report entitled "CLOUD CLASSIFICATION AND WEATHER PREDICTION USING DIGITAL WEATHER IMAGES" is the bonafide work of **Mr.D.Dhathathreya (16X41F0006)** in partial fulfillment of the requirements for the award of the post graduate degree in MASTER OF COMPUTER APPLICATION during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

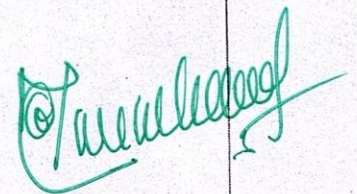
  
**(Mr.Ch.Praneeth)**

*Signature of the Guide*

  
**(Dr.D.Haritha)**

*Signature of the HOD*

  
**Signature of the External Examiner**



**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

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

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "COLLEGE CLUB MANGEMENT SYSTEM" is the bonafide work of Ms.G.N.Priya Reddy (16X41F0007) in partial fulfilment of the requirements for the award of the postgraduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

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

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

*[Handwritten Signature]*  
**Signature of the External Examiner**

*[Handwritten Signature]*  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

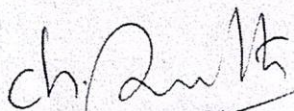
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**ENIKEPADU, VIJAYAWADA.**  
**DEPARTMENT OF COMPUTER APPLICATIONS**



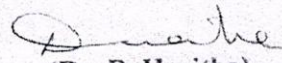
**CERTIFICATE**

This is to certify that this project report entitled "PREDICTION OF LIVER DISEASE BASED ON DEEP LEARNING" being submitted by MS. J.Prathyusha in partial fulfillment for the award of the graduate degree of **MASTER OF COMPUTER APPLICATIONS** in Computer Applications Department to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by her under my guidance and supervision

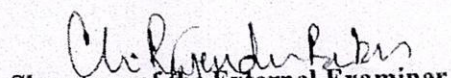
This results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma

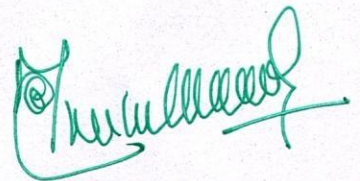
  
(Ch. Praneeth)

*(Signature of the Internal)*

  
(Dr. D. Haritha)

*(Signature of the HOD)*

  
Signature of the External Examiner



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**SRK Institute of Technology**  
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DEPARTMENT OF COMPUTER APPLICATIONS



CERTIFICATE

This is to certify that the project report entitled "FACE RECOGNITION BASED ATTENDANCE SYSTEM" submitted by J. Ram Babu in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications in Department of COMPUTER APPLICATIONS, SRK INSTITUTE OF TECHNOLOGY, Enikepadu, Vijayawada is a bonafide record of work carried out by him under my guidance and supervision during the year 2018-2019.

*N. Sudhakar*  
Signature of the Guide

(Mr. N. Sudhakar Reddy)

*D. Haritha*  
Signature of the HOD

(Dr. D. Haritha)

*R*  
Signature of the External Examiner

*Principal*

PRINCIPAL

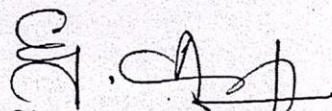
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

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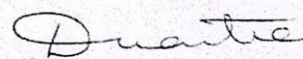


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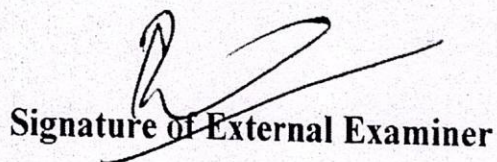
This is to certify that this project report entitled “Spam SMS Filtering Using Machine Learning “is the bonafide work of k. Pavithra (16X41F0012) in partial fulfillment of the requirements for the award of the master degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2018-2019.

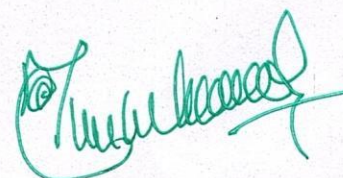
  
Signature of Guide

Mr.G.APPARAO

  
Signature of HOD

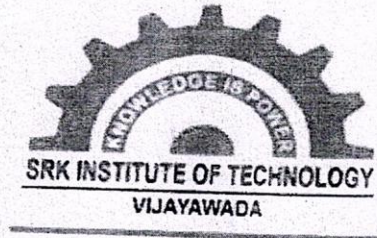
Dr.D.HARITHA

  
Signature of External Examiner



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SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

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ENIKEPADU, VIJAYAWADA.  
DEPARTMENT OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "**IOT BASED AIR AND SOUND POLLUTION MONITORING SYSTEM**" being submitted by **Mr K.Mahesh** in partial fulfilment for the award of the graduate degree of **MASTER OF COMPUTER APPLICATIONS** in Computer Applications Department to the Jawaharlal Nehru Technological University is a record of bonified work carried out by him under my guidance and supervision

This results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma

*M. Naresh Babu*  
**(M.Naresh Babu)**

*Signature of the Internal*

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

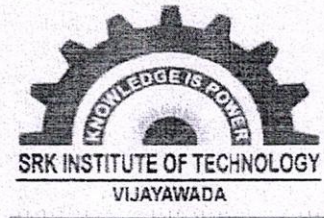
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*[Signature]*  
**Signature of the External Examiner**

*[Signature]*

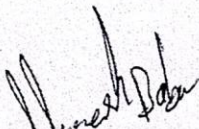
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**ENIKEPADU, VIJAYAWADA-521 108.**

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ENIKEPADU, VIJAYAWADA.  
DEPARTMENT OF COMPUTER APPLICATIONS**

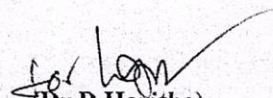


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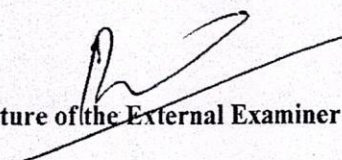
This is to certify that this project report entitled **“APP USAGE TRACKER”** being submitted by **Mr.K.Pavan Kumar** in partial fulfilment for the award of the post graduate degree of **MASTER OF COMPUTER APPLICATIONS** in Computer Applications Department to the Jawaharla Nehru Technological University is a record of bonified work carried out by him under my guidance and supervision

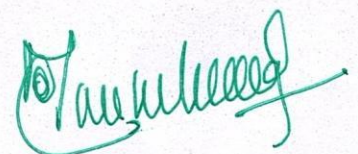
  
(S.SureshBabu)

*Signature of the guide*

  
(Dr.D.Haritha)

*Signature of the HOD*

  
*Signature of the External Examiner*

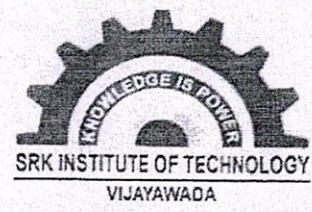


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**SRK Institute of Technology**  
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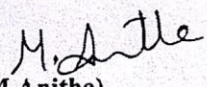
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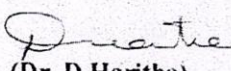
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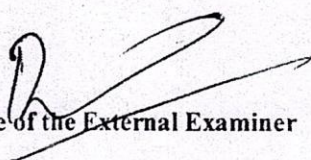


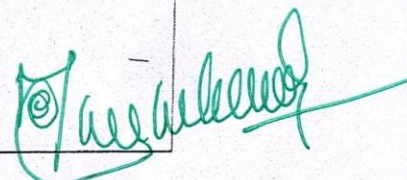
**CERTIFICATE**

This is to certify that this project report entitled "PRIVATE VEHICLE SHARING SYSTEM" is the bonafide work **Mr. K.Shanmukh Sunil(16X41F0016)** in partial fulfilment of the requirements for the award of the Post graduate in Master of Computer Applications during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

  
(M.Anitha)  
*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-521 108.**

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

**ENIKEPADU, VIJAYAWADA.**

**DEPARTMENT OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled **"IOT BASED HEART ATTACK DETECTION & HEART RATE MONITORING SYSTEM"** being submitted by **Ms.M.Likhitha** in partial fulfilment 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 bonafide work carried out by her under my guidance and supervision

This results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma

*m. Naresh Babu*

(M.Naresh Babu)

*Signature of the Internal*

*Dr.D.Haritha*

(Dr.D.Haritha)

*Signature of the HOD*

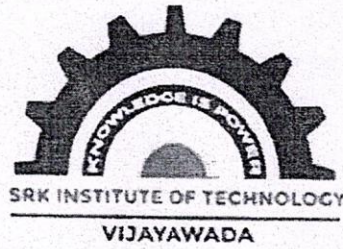
*[Signature]*  
Signature of the External Examiner

*[Signature]*

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**ENIKEPADU, VIJAYAWADA-521 108.**

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



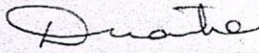
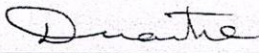
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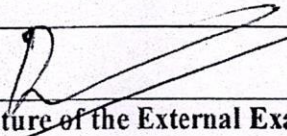
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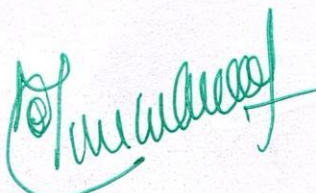
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This is to certify that this project report entitled "Smart Career Guidance and Recommendation System" being submitted by Majety Satya Aishwarya- (16X41F0018) in partial fulfilment for the award of the Degree of Master of Computer Applications to the Jawaharlal Nehru Technological University is a bonafide work carried out by her under my guidance and supervision.

The result is embodied in the project report have not been submitted to any other University or Institution for the award of any Degree or Diploma.

	
<b>Signature of Guide</b> <b>Dr.D.HARITHA</b> Professor	<b>Signature of HOD</b> <b>Dr.D.HARITHA</b> Department of MCA and CSE


<b>Signature of the External Examiner</b>

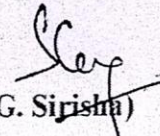
  
**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

S.R.K INSTITUTE OF TECHNOLOGY  
ENIKEPADU, VIJAYAWADA.  
DEPARTMENT OF MASTER OF COMPTER APPLICATION

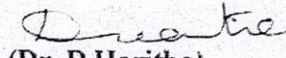


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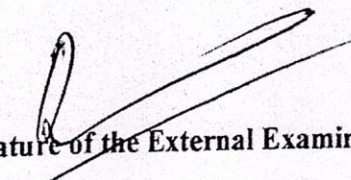
This is to certify that this project report entitled "SMART VISITOR APPOINTMENT APP" is the bonafide work of Ms .N. Prasanthi (16x41f0020) in partial fulfilment of the requirements for the award of the graduate degree in MASTER OF COMPUTER APPLICATIONS during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

  
(G. Sirisha)

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-521 108.

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



CERTIFICATE

This is to certify that this project report entitled "Fraud And Abuse Detection For Insurance Companies" submitted by P.Tirumalarao (16X41F0021), in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications in Department of COMPUTER APPLICATIONS, SRK INSTITUTE OF TECHNOLOGY, Enikepadu, Vijayawada, is a bonafide record work carried out by him under my guidance and supervision during the academic year 2018-2019.

*M. Rithvik*  
(Mr.Rithivik)

*Signature of the Guide*

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

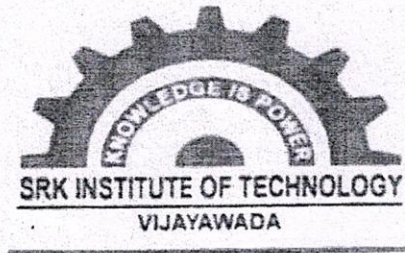
*Signature of the HOD*

*M. Srinivas*  
8/5/19  
Signature of the External Examiner

*Principal*

PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

**S.R.K INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

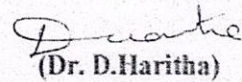


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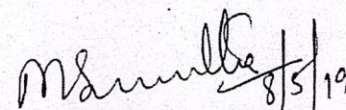
This is to certify that this project report entitled "Advertisement Click Fraud Detection" is the bonafide work of P. Anusha (16X41F0022), in partial fulfillment of the requirements for the award of the master degree in MASTER OF TECHNOLOGY during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

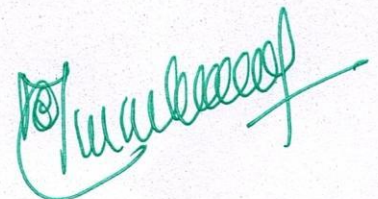
  
(Mr.G.APPARAO)

*Signature of the Guide*

  
(Dr. D.Haritha)

*Signature of the HOD*

  
8/5/19  
*Signature of the External Examiner*



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**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

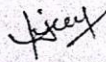
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ENIKEPADU, VIJAYAWADA.

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

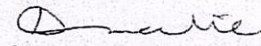


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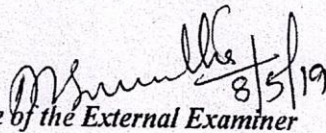
This is to certify that this project report entitled “**MOBILE HACK CHECKER**” is the bonafide work of Ms **T. Purna Vijayalakshmi (16X41F0024)** in partial fulfilment of the requirements for the award of the graduate degree in **MASTER OF COMPUTER APPLICATIONS** during the academic year 2018-2019. This Work has carried out under our supervision and guidance.



*Signature of the Guide*  
**(P. JayaSri)**



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

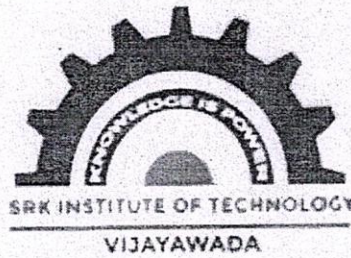


*Signature of the External Examiner*



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**SRK Institute of Technology**  
ENIKEPADU, VIJAYAWADA-521 108.

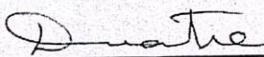
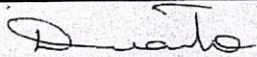
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**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

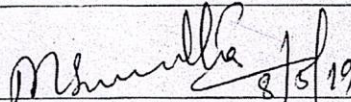


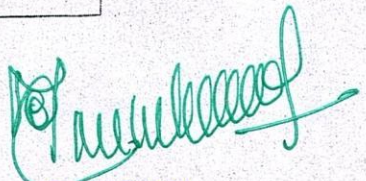
**CERTIFICATE**

This is to certify that this project report entitled “**Student Performance Prediction System**” being submitted by **Unagarala Hema Gayathri (16X41F0025)** in partial fulfilment for the award of the Degree of **Master of Computer Applications** to the **Jawaharlal Nehru Technological University** is a bonafide work carried out by her under my guidance and supervision.

The result is embodied in the project report have not been submitted to any other University or Institution for the award of any Degree or Diploma.

	
Signature of Guide <b>Dr.D.HARITHA</b> Professor	Signature of HOD <b>Dr.D.HARITHA</b> Departments of MCA and CSE

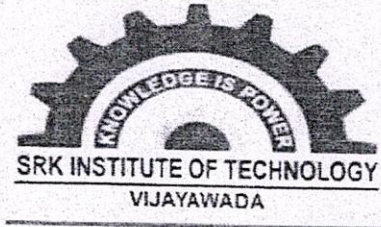
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PRINCIPAL

**SRK Institute of Technology**  
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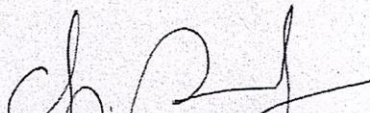


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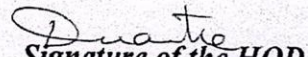


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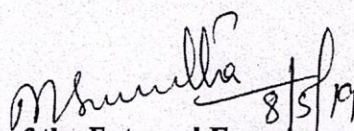
This is to certify that this project report entitled "**PREDICTION OF HEART ATTACK USING DEEP LEARNING**" is the bonafide work of V.HIMA ANNAPURNA in partial fulfilment of the requirements for the award of the post-graduate degree in DEPARTMENT OF COMPUTER APPLICATIONS during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

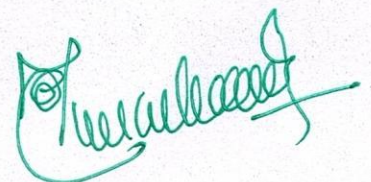
  
*Signature of the Guide*

**(Mr.CH.PRANEETH)**

  
*Signature of the HOD*

**(Dr.D.Haritha)**

  
*Signature of the External Examiner*



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**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

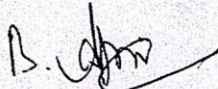
**S.R.K INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA.**  
**DEPARTMENT OF COMPUTER APPLICATIONS**



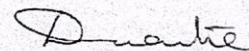
**CERTIFICATE**

This is to certify that this project report entitled "PLANT DISEASE DETECTION USING CONVOLUTIONAL NEURAL NETWORKS" being submitted by Ms. V. Pravallika in partial fulfilment for the award of the graduate degree of **MASTER OF COMPUTER APPLICATIONS** in Computer Applications Department to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by her under my guidance and supervision

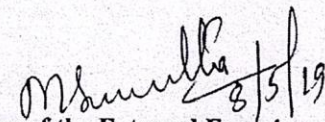
This results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree or Diploma

  
(B. Asha latha)

(Signature of the Internal)

  
(Dr. D .Haritha)

(Signature of the HOD)

  
Signature of the External Examiner



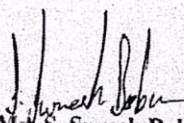
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**ENIKEPADU, VIJAYAWADA-521 108.**

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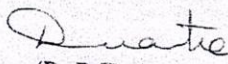


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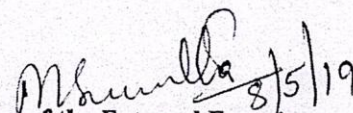
This is to certify that this project report entitled "**ROAD ACCIDENT ANALYSIS USING MACHINE LEARNING**" being submitted by Mr. **CH. SAI KUMAR**, bearing Regd. No. 16X41F0028 in partial fulfilment of the requirements for the award of the **Post-Graduate** degree in **MASTER OF COMPUTER APPLICATIONS** during the academic year 2018-2019. This work has carried out under our supervision and guidance.

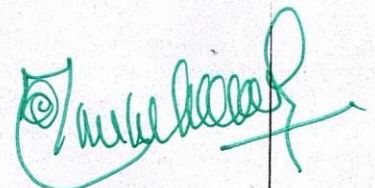
  
(Mr. S. Suresh Babu)

*Signature of the Internal*

  
(Dr. D. Haritha)

*Signature of the HOD*

  
Signature of the External Examiner



**PRINCIPAL**  
**SRK Institute of Technology**  
**ENIKEPADU, VIJAYAWADA-521 108.**

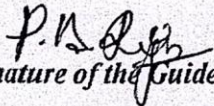
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ENIKEPADU, VIJAYAWADA.

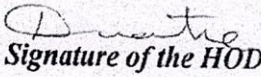
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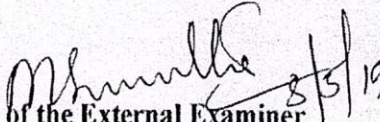


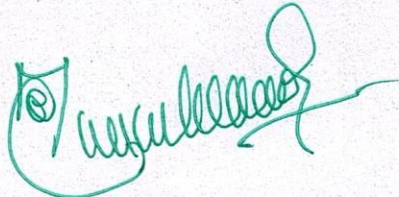
**CERTIFICATE**

This is to certify that this project report entitled "WATER QUALITY CONTROL SYSTEM" is the bonafide work of **Mr.Y.RAJASEKHAR (16X41F0029)** in partial fulfilment of the requirements for the award of the graduate degree in MASTER OF COMPUTER APPLICATION during the academic year 2018- 2019. This work has been carried out under our supervision and guidance.

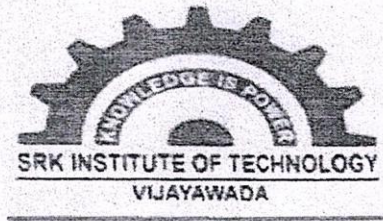
  
Signature of the Guide  
(P. Bhagya Raju)

  
Signature of the HOD  
(Dr. D. Haritha)

  
Signature of the External Examiner

  
PRINCIPAL  
SRK Institute of Technology  
ENIKEPADU, VIJAYAWADA-521 108.

**S.R.K INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU, VIJAYAWADA.**  
**DEPARTMENT OF COMPUTER APPLICATIONS**



**CERTIFICATE**

This is to certify that this project report entitled "WEBPAGE CLASSIFICATION FOR SAFER BROWSING USING MACHINE LEARNING" is the bonafide work of Mr. SHAIK MASTAN VALI, bearing Regd. No. 16FE1F0033 in partial fulfillment of the requirements for the award of the Post-Graduate degree in DEPARTMENT OF COMPUTER APPLICATIONS during the academic year 2018-2019. This Work has carried out under our supervision and guidance.

*Sudhakar*  
(Mr. N. Sudhakar Reddy)  
*Signature of the Guide*

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

*Ch. Subramaniam Babu*  
*Signature of the External Examiner*

*[Handwritten Signature]*

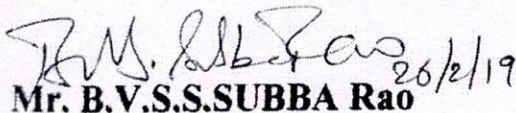
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Enikepadu, Vijayawada – 521 108

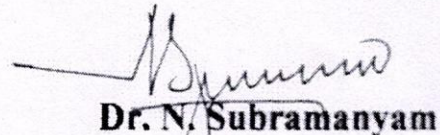
## CERTIFICATE

This is to certify that the Project entitled “A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO EUREKA FORBES” 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 (Third Year admitted batch of 2016-21) 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 Integrated MBA.

  
26/2/19

**Mr. B.V.S.S.SUBBA Rao**

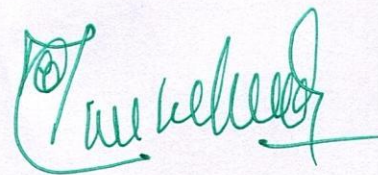
**Asst. Professor, Project Guide & PRC.**



**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-521 108.**



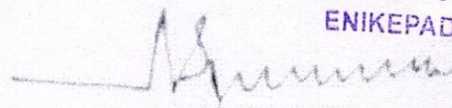
**S.R.K. INSTITUTE OF TECHNOLOGY**  
DEPARTMENT OF BUSINESS ADMINISTRATION  
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Enikepadu, Vijayawada # 521 108

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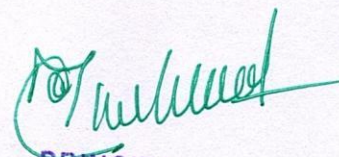
This is to certify that the Project entitled "A STUDY ON PERFORMANCE APPRAISAL WITH REFERENCE TO SAI SWRNA HYUNDAI" is a bonafide work done by **B.SAI LAVANYA** Registered No. **16X1M0002** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-17) 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.

  
27/2/19  
**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

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

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada

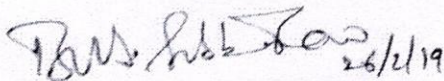
  
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ENIKEPADU, VIJAYAWADA-521 108.



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Enikepadu, Vijayawada - 521 108

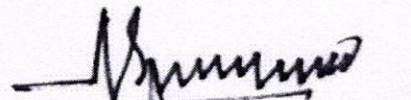
## CERTIFICATE

This is to certify that the Project entitled "A STUDY ON RATIO ANALYSIS WITH REFERENCE TO SAI SWARNA HYUNDAI MOTORS PRIVATE LIMITED" 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 (Third Year admitted batch of 2016-17) 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.

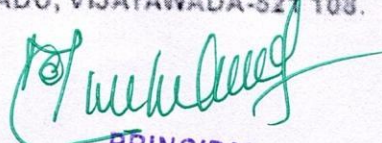
  
26/2/19

**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

  
**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-521 108.

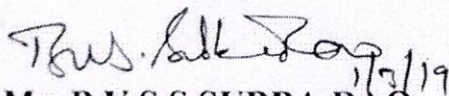




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Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the Project entitled “A STUDY ON PERFORMANCE APPRAISAL WITH REFERENCE TO MARG KRISHNAAYA HOTEL” 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 (Third Year admitted batch of 2016-21) 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 Integrated MBA.

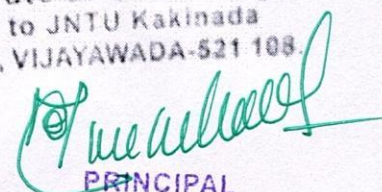
  
17/3/19  
**Mr. B.V.S.S.SUBBA RAO**

**Asst. Professor, Project Guide & PRC.**

  
**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 TRAINING AND DEVELOPMENT** with reference to **VIJAYA SUPER SPECIALITY HOSPITAL**” is a bonafide work done by **I. HARSHA VARDHAN** Registered No. **16X41M0007** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2018-19) 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. Subba Rao*  
**Mr. B.V.S.S.SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

*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.

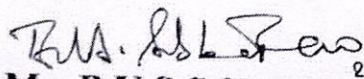
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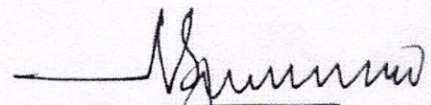
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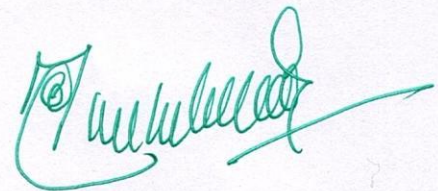
This is to certify that the Project entitled “**A STUDY ON JOB SATISFACTION** with reference to **INCAP LIMITED** is a bonafide work done by **K.NAVEEN** Registered No. **16X41M0010** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-17) 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**

  
23/2/19  
**Mr. B.V.S.S.SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

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

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



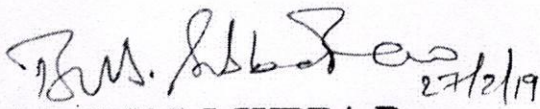
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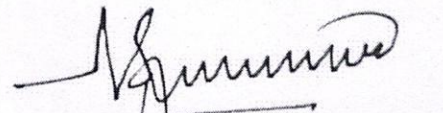
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Enikepadu, Vijayawada – 521 108

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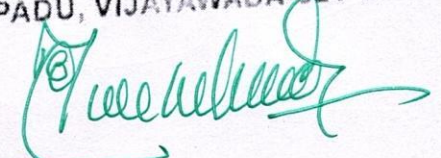
This is to certify that the Project entitled “**A STUDY ON RECRUITMENT & SELECTION WITH REFERENCE TO Eureka Forbes**” is a bonafide work done by **K.SHYAM BABU** Registered No. **16X41M0011** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-21) 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 Integrated MBA.

  
**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

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

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



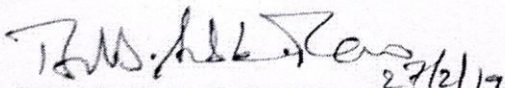
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SRK Institute of Technology  
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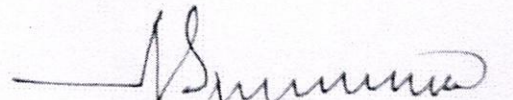
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(An ISO 9001-2008 Certified Institution, Approved by AICTE, Affiliated to JNTU -K)  
Enikepadu, Vijayawada – 521 108

**CERTIFICATE**

This is to certify that the Project entitled “A STUDY ON FUNDS FLOW STATEMENT WITH REFERENCE TO KANAKA DURGA FINANCE” is a bonafide work done by **KAPPARAPU RANI** Registered No. **16X41M0012** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-21) 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 Integrated MBA.

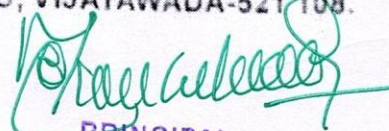
  
**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N. Subramanyam**

**Professor & Head**

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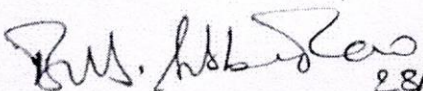
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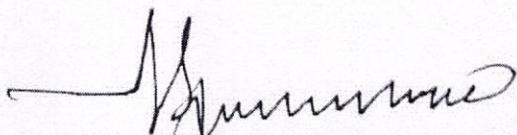
Enikepadu, Vijayawada – 521 108

### CERTIFICATE

This is to certify that the report entitled “**A STUDY ON PERFORMANCE APPRAISAL WITH REFERENCE TO VIJAYA SUPER SPECIALITY HOSPITAL**” is a bonafide work done by **K. RUPESH** Registered No. **16X41M0013** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-17) 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.

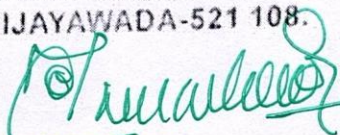
  
28/2/19  
**Mr. B.V.S.S. SUBBA RAO**

**Asst. Professor & Project Guide**

  
**Dr. N. SUBRAMANYAM**

**Professor & Head**

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

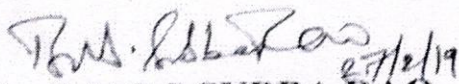
  
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## CERTIFICATE

This is to certify that the Project entitled "**A STUDY ON INVENTORY MANAGEMENT WITH REFERENCE TO TAJ GATEWAY HOTEL**" 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 (Third Year admitted batch of 2016-21) 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 Integrated MBA

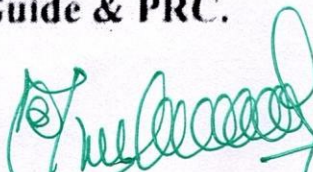
  
**Mr. B.V.S.S.SUBBA RAO**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N. SUBRAMANYAM**

**Professor & Head**

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
Affiliated to JNTU Kakinada  
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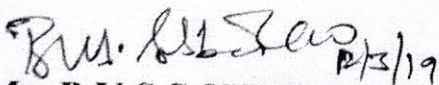
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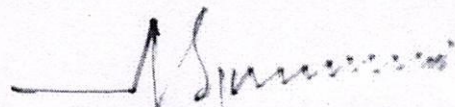
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This is to certify that the report entitled “A STUDY ON CUSTOMER SATISFACTION With reference to SAI SWARNA AUTOMOBILES PVT.LTD” is a bonafide work done by L. SAI KRISHNA Registered No.16X41M0016 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-17) 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.

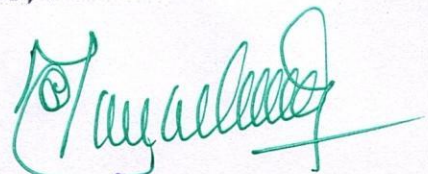
  
Mr. B.V.S.S.SUBBA RAO

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Dr.N.SUBRAMANYAM

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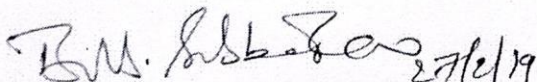




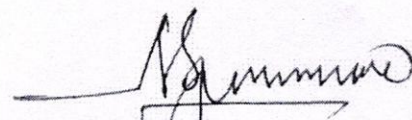
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**CERTIFICATE**

This is to certify that the Project entitled "A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO MANIPAL HOSPITALS" is a bonafide work done by **YESWITHA MAKKAPATI** Registered No. **16X41M0019** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-21) 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 Integrated MBA.

  
**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**



**Dr. N. Subramanyam**

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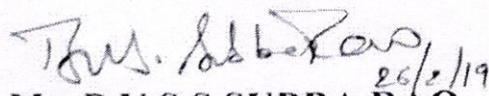
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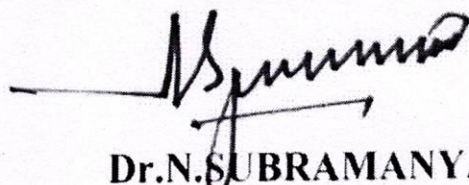
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This is to certify that the report entitled “A STUDY ON RECRUITMENT AND SELECTION WITH REFERENCE TO ANDHRA HOSPITAL, VIJAYAWADA is a bonafide work done by M.KOKILA Registered No. 16X41M0020 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-21) 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 Integrated MBA.

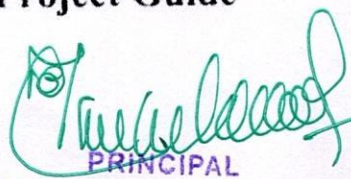
  
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Dr.N.SUBRAMANYAM

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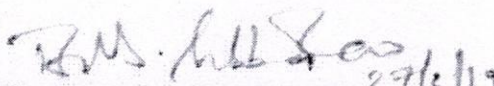
  
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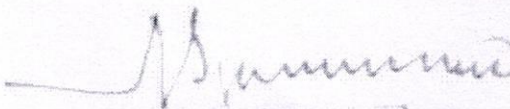
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This is to certify that the Project entitled **“A STUDY ON TRAINING AND DEVELOPMENT WITH REFERENCE TO ANDHRA HOSPITALS”** is a bonafide work done by **P.THEJASWINI** Registered No. **16X41M0021** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-17) 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. B.V.S.S.SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N. Subramanyam**

**Professor & Head**

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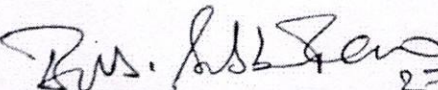
  
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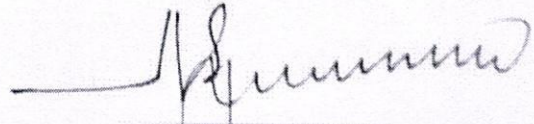
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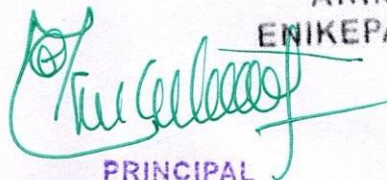
This is to certify that the Project entitled "A STUDY ON EFFECTIVE TRAINING WITH REFERENCE TO MARG KRISHNAAYA" is a bonafide work done by **PARIMKAYALA VASAVI** Registered No. **16X41M0025** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-21) 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 Integrated MBA.

  
**Mr. B.V.S.S. SUBBA Rao** 27/12/19

**Asst. Professor, Project Guide & PRC.**

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

Professor & Head  
Department of Business Administration,  
SRK Institute of Technology,  
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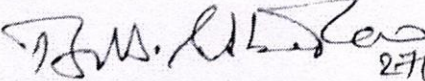
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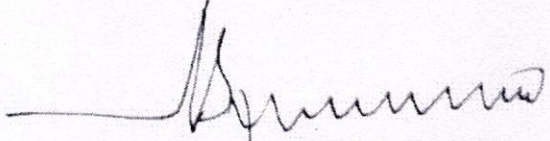
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This is to certify that the Project entitled “**A STUDY ON CASH FLOW STATEMENT WITH REFERENCE TO KANAKA DURGA FINANCE LTD**” is a bonafide work done by **P. MANISHA** Registered No. **16X1M0028** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-17) 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 INTEGRATED MBA.

  
27/2/19  
**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N. Subramanyam**

**Professor & Head**

Professor & Head  
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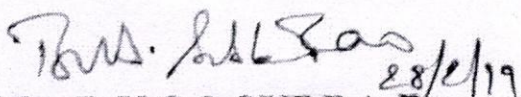
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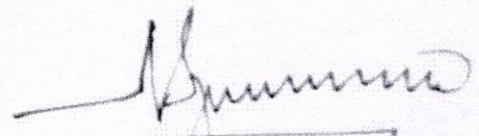
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This is to certify that the Project entitled "A STUDY ON EMPLOYEE RETENTION MEASURES with reference to HITECH PRINT SYSTEMS LIMITED, PEDDAAVUTAPALLI, is a bonafide work done by P.RAJASEKHAR Registered No. 16X41M0029 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-17) 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**

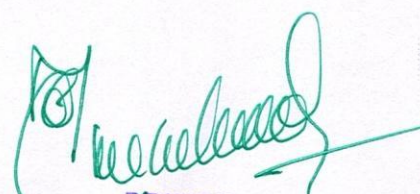
  
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**Mr. B.V.S.S.SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N. Subramanyam**

**Professor & Head**  
Professor & Head

Department of Business Administration  
SRK Institute of Technology  
Affiliated to JNTU Kakinada  
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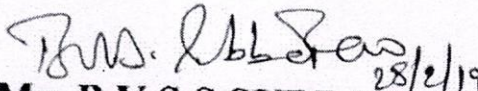
  
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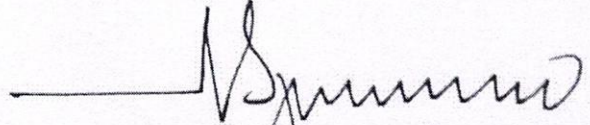
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This is to certify that the Project entitled “A STUDY ON ORGANISATIONAL CHANGE with reference to COCA- COLA BEVEREAGES LIMITED, is a bonafide work done by R.SRI MALLIKARJUN Registered No. 16X41M0031 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-17) 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**.

  
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**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N. Subramanyam**

**Professor & Head**

Professor & Head

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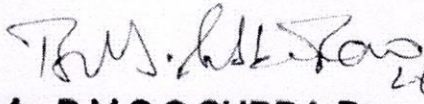
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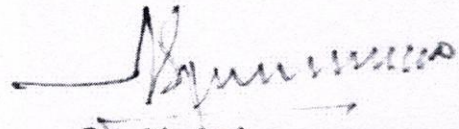
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This is to certify that the Project entitled "A STUDY ON EMPLOYEE ENGAGEMENT WITH REFERENCE TO MARG KRISHNAAYA HOTEL" is a bonafide work done by V. UMA MAHESWARI Registered No. 16X41M0032 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2018-19) 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.

  
26/2/19

**Mr. B.V.S.S. SUBBA Rao**

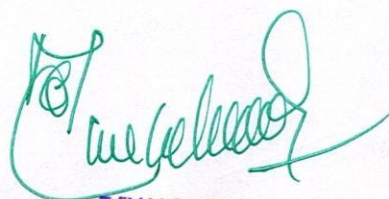
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**Dr. N. Subramanyam**

**Professor & Head**

Professor & Head  
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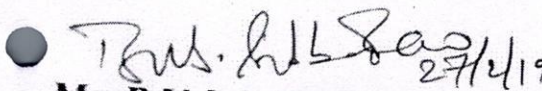
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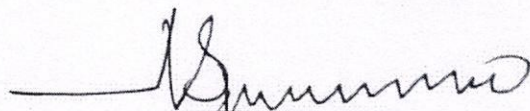
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This is to certify that the report entitled “A STUDY ON TRAINING & DEVELOPMENT WITH REFERENCE TO DELTA PAPER MILLS LIMITED” is a bonafide work done by P. YAKUB KHAN Registered No.16X41M0027 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Integrated MBA** (Third Year admitted batch of 2016-17) 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.

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

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

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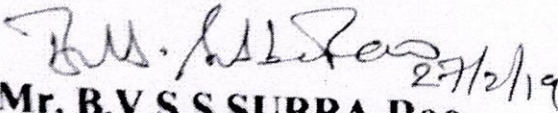
  
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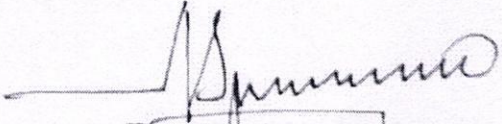
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This is to certify that the Project entitled “A STUDY ON JOB  
SATISFACTION WITH REFERENCE TO KANAKA MARG KRISHNAAYA”  
is a bonafide work done by **GAYATRI PARIMKAYALA** Registered No.  
**16X41M0024** under my guidance and supervision in partial fulfillment of the  
requirement for the award of degree of Integrated MBA (Third Year admitted batch of  
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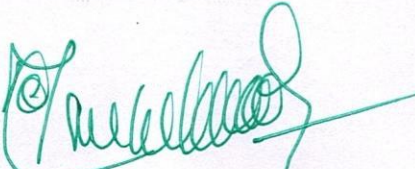
  
Mr. B.V.S.S. SUBBA Rao

Asst. Professor, Project Guide & PRC.

  
Dr. N. Subramanyam

Professor & Head

Professor & Head  
Department of Business Administration  
SRK Institute of Technology  
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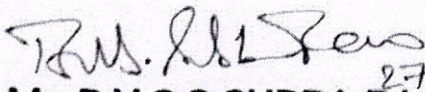
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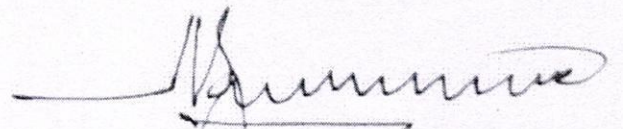
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This is to certify that the Project entitled "A STUDY ON RATIO ANALYSIS WITH REFERENCE TO KANAKA DURGA FINANCE LIMITED" is a bonafide work done by P.RAJESWARI Registered No. **16X41M0023** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-17) 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.

  
27/12/19  
**Mr. B.V.S.S.SUBBA RAO**

**Asst. Professor, Project Guide & PRC.**



**Dr. N. SUBRAMANYAM**

**Professor & Head**

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## CERTIFICATE

This is to certify that the Project entitled "A STUDY ON PERFORMANCE APPRAISAL WITH REFERENCE TO MANIPAL HOSPITALS" is a bonafide work done by **P.RABBANI** Registered No. **16X41M0030** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-21) 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 Integrated MBA.

*B.V.S.S. Subba Rao*  
27/2/19  
**Mr. B.V.S.S. SUBBA Rao**

**Asst. Professor, Project Guide & PRC.**

*Dr. N. Subramanyam*  
**Dr. N. Subramanyam**

**Professor & Head**  
Professor & Head

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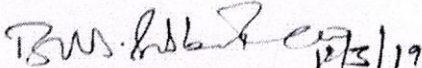
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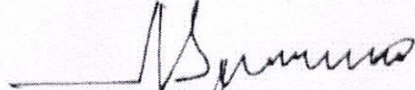
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This is to certify that the Project entitled “**A STUDY ON PERFORMANCE APPRAISAL WITH REFERENCE TO EUREKA FORBES, VIJAYAWADA**” is a bonafide work done by **JUJJUVARAPU CHAKRAPANI** Registered No. **16X41M0008** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of Integrated MBA (Third Year admitted batch of 2016-21) 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 Integrated MBA.

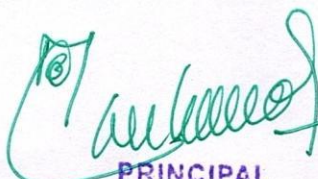
  
**Mr. B.V.S.S.SUBBA RAO**

**Asst. Professor, Project Guide & PRC.**

  
**Dr. N.SUBRAMANYAM**

**Professor & Head**

**Professor & Head**  
Department of Business Administration,  
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**PRINCIPAL**

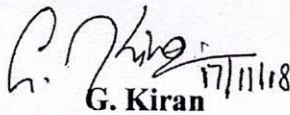
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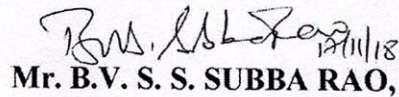
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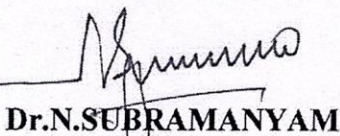
This is to certify that the project entitled “A STUDY ON RUITMENT AND SELECTION With reference to 3i INFOTECH Ltd” is a bonafide work done by **B. SATISH REDDY** Registered No. **14X41M001** under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Applied Management** 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 Applied Management.

  
G. Kiran

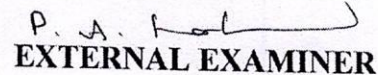
**Asst. Professor & Project Guide**

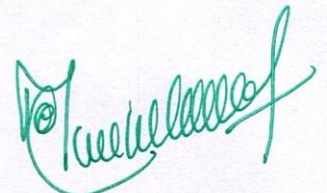
  
Mr. B.V. S. S. SUBBA RAO,

**Project Review Committe**

  
Dr.N.SUBRAMANYAM

**Professor & Head**  
Professor & Head  
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SRK Institute of Technology,  
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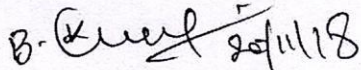
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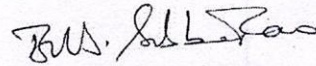
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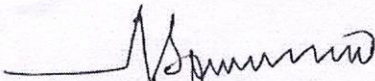
This is to certify that the project entitled “A STUDY ON PERCEPTION OF CLIENTS ON INDIAN CAPITAL MARKETS” With reference MOTILAL OSWAL SECURITIES Ltd” is a bonafide work done by CH. SAI PRIYA Registered No. 14X41M0002 under my guidance and supervision in partial fulfillment of the requirement for the award of degree of **Master of Applied Management** 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 Applied Management.



**Mr. B. Krishnaiah, MBA,**  
**Asst. Professor & Project Guide**

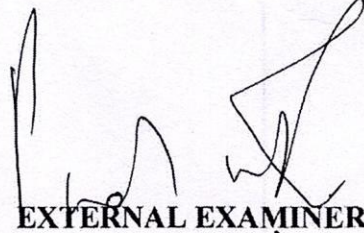


**Mr. B.V.S.S. Subba Rao,**  
**Project Review Committee**

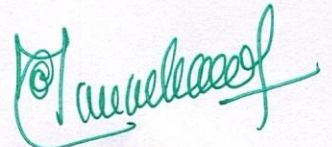


**Dr. N. SUBRAMANYAM**  
**Professor & Head**

Professor & Head  
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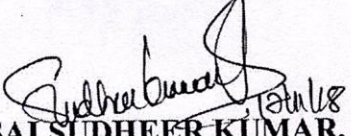
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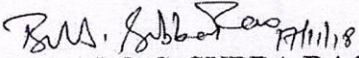


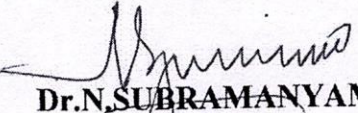
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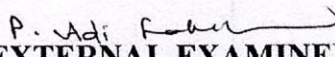
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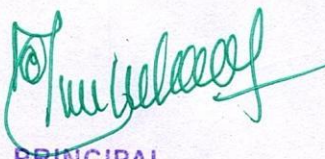
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**J. SAI SUDHEER KUMAR,**  
**Asst. Professor & Project Guide**

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

  
**Dr. N. SUBRAMANYAM**  
**Professor & Head**  
Professor & Head  
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SRK Institute of Technology,  
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**Dr. M. V. RAO,**  
M.Com, MBA, Ph.D,  
Professor & Project Guide

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

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

Professor & Head  
Department of Business Administration,  
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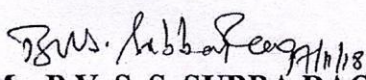
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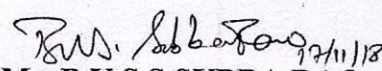


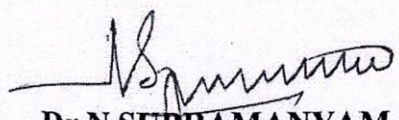
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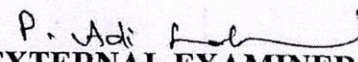
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**Mr. B.V. S. S. SUBBA RAO,**  
**Asst. Professor & Project Guide**

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

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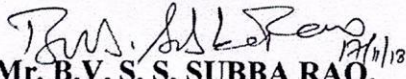
  
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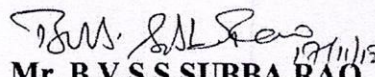


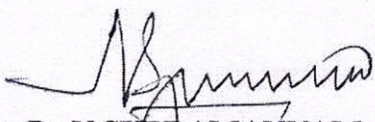
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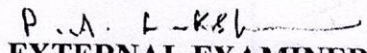
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**Mr. B.V. S. S. SUBBA RAO,**  
**Asst. Professor & Project Guide**

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

  
**Dr.N.SUBBRAMANYAM**  
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