PLANNING AND DESIGNING AN ENVIRONMENTALLY SUSTAINABLE COLLEGE CAMPUS OF DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY

A DISSERTATION

Submitted in partial fulfilment of the
Requirements for the degree of

BACHELOR OF TECHNOLOGY
In
CIVIL ENGINEERING

By

A. Renuka Sri	**(19H71A0107)**
B. Gopi Krishna	**(19H71A0101)**
K. Nagarjuna	**(19H71A0105)**
D. Jaya Sankar	**(20H75A0106)**
P. Lokesh	**(20H75A0108)**

Under the esteemed guidance of

Mr. N.V. SUBBA RAO M.E, MIE, (Ph. D)

Head of the department

DEPARTMENT OF CIVIL ENGINEERING

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

KANCHIKACHERLA – 521180, NTR dist,ANDHRA PRADESH

APRIL 2023

CERTIFICATE

This is to certify that the project report entitled **PLANNING AND DESIGNING AN ENVIRONMENTALLY SUSTAINABLE COLLEGE CAMPUS OF DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY** submitted by **A. Renuka Sri (19H71A0107), B. Gopi Krishna (19H71A0102), K. Nagarjuna (19H71A0105), D. Jaya Sankar (20H75A0106), P. Lokesh (20H75A0108)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Civil Engineering** is a bona-fide record of work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. N. V. SUBBA RAO, M.E (Ph. D)
Associate Professor
Supervisor

Mr. N. V. SUBBA RAO, M.E (Ph. D)
Associate Professor
Head of the Department
Dept. of Civil Engg
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna Dt
Andhra Pradesh, India – Pin: 521180

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Ph : 521180
Ph.273535

External Examiner

Improvement of Compressive Strength of Pervious Concrete by Using Mineral Admixtures

A Project report submitted in partial fulfillment of requirement for the award of degree of

Bachelor of Technology

In

Civil Engineering

Submitted By

SK. HAFIZUNNISA	**(20H75A0104)**
K. BHASKAR RAJA	**(20H75A0103)**
K. MALLESHWAR REDDY	**(19H71A0103)**
P. SRIKANTH REDDY	**(19H71A0109)**

Under the Esteemed Guidance Of

Mr. S. Ashok Kumar

M.Tech, (PhD), MIE, MISTE, MASCE

Associate Professor

Department Of Civil Engineering

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Kanchikacherla-521180, NTR Dist., Andhra Pradesh,India

APRIL-2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech: ECE | EEE | ME
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled "**Improvement of Compressive Strength of Pervious Concrete by Using Mineral Admixtures**" submitted by **Ms.Sk.Hafizunnisa (20H75A0104) ,Mr. k. Malleshwar Reddy (19H71A0103), Mr. P. Srikanth Reddy (19H71A0109), Mr. K. Bhaskar Raja (20H75A0103)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Civil Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. S. Ashok Kumar,

M.Tech, (PhD), MIE, MISTE, MASCE

Associate Professor

Supervisor

Mr. N.V. Subba Rao,

ME, (PhD)

Associate Professor

Head of the Department

Professor & Head
Department of Civil Engineering
Devineni Venkata Ramana & Sr. Hima Sekhar
MIC College of Technology
Kanchikacherla-521 180,
Krishna District, A.P., INDIA.

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin - 521180
Ph.273535

External Examiner

EVALUATING THE CHARACTERISTICS OF STONE MASTIC ASPHALT BY USING NATURAL FILLER AND FIBERS

A DISSERTATION

Project Report Submitted In partial fulfilment of
The requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

B. Mahesh	**(20H75A0109)**
P. Srikanth	**(20H75A0118)**
M. Praveen	**(19H71A0106)**
M. Aravind Chowdary	**(20H75A0102)**
M. Srikar	**(19H71A0109)**

Under the esteemed guidance of

Mr. K. PRASAD, M Tech

Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

KANCHIKACHERLA – 521180, NTR Dist, ANDHRA PRADESH

APRIL 2023

CERTIFICATE

This is to certify that the project report entitled **EVALUATING THE CHARACTERISTICS OF STONE MASTIC ASPHALY BY USING NATURAL FILLER AND FIBERS** submitted by **B. Mahesh (20H75A0109), P. Srikanth (20H75A0118), M. Praveen (19H71A0106), M. Aravind Chowdary (20H75A0102), M. Srikar (19H71A0109)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Civil Engineering** is a bona-fide record of work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. K. PRASAD, M. TECH
Assistant Professor
Supervisor

Mr. N. V. SUBBA RAO, M.E (Ph. D)
Associate Professor
Head of the Department

Head of the Department
Dept. of Civil Engg
DVR & Dr. HS MIC College of Technology

PRINCIPAL

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph: 273535

Internal Examiner

External Examiner

A SURVEY OF SMART TECHNOLOGY ON ROAD TRAFFIC AND TRANSPORT MANAGEMENT SYSTEM

A DISSERTATION

Project Report Submitted In partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

CIVIL ENGINEERING

Submitted By

CH. Ram Sai	**(20H75A0113)**
A. Vijay Kumar	**(20H75A0119)**
K. Sai Bhanu Prasad	**(20H75A0114)**
M. Yesupadam	**(20H75A0120)**
K. Vivek	**(19H71A0110)**

Under the esteemed guidance of

Mr S V TEJAS KUMAR RAJU

M Tech

Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

KANCHIKACHERLA – 521180, ANDHRA PRADESH

APRIL 2023

CERTIFICATE

This is to certify that the project report entitled **SURVEY ON SMART TECHNOLOGY ON ROAD TRAFFIC AND TRANSPORT MANAGEMENT SYSTEM** submitted by **CH. Ram Sai (20H75A0113), A. Vijay Kumar (20H75A0119), K. Sai Bhanu Prasad (20H75A0114), M. Yesupadam (20H75A0120), K. Vivek (19H71A0110)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Civil Engineering** is a bona-fide record of work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. SV TEJAS KUMAR RAJU, M. TECH
Assistant Professor
Supervisor

Mr. N. V. SUBBA RAO, M.E (Ph. D)
Associate Professor
Head of the Department

Associate Professor & Head
Department of Civil Engineering
Devineni Venkata Ramana & Dr Hima Sekhar
MIC College of Technology
Kanchikacherla-521 180,
Krishna District, A.P., INDIA

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

External Examiner

STUDY ON MANUFACTURING OF BRICKS BY USING MINERAL ADMIXTURES IN ALTERNATE SOLUTIONS

A Project report submitted in partial fulfillment of requirement for the award of the degree of

Bachelor of Technology

In

Civil Engineering

Submitted By

NAME CHANDU.G	**(20H75A0112)**
NAGA APARNA.S	**(20H75A0111)**
MOHAN KRISHNA.Y	**(19H71A0104)**
SHAFI.SK	**(20H75A0116)**

Under the Esteemed Guidance Of

Mr. K. PRASAD, M.Tech.

Assistant Professor

Department Of Civil Engineering

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(AUTONOMOUS)

Kanchikacherla-521180, NTR Dist, Andhra Pradesh, India

APRIL-2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India

AUTONOMOUS
NBA-Accredited
B.Tech (CSE (ECE (ME)
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **"STUDY ON MANUFACTURING OF BRICKS BY USING MINERALS ADMIXTURE IN ALTERNATE SOLUTION"** submitted by **G. NAME CHANDU (20H75A0112), S. NAGA APARNA (20H75A0111), Y. MOHAN KRISHNA (19H71A0104), SK. SHAFI (20H75A0116)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Civil Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. K. PRASAD., M.Tech
Assistant Professor
Project Guide

Mr. N.V. SUBBA RAO, ME.,(Ph D)
Associate Professor
Head of the Department

Head of the Department
Dept. of Civil Engg
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna Dt
Andhra Pradesh, India – Pin: 521180

PRINCIPAL

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner **External Examiner**

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

AN EXPEIMENTAL STUDY ON STABILIZATION OF SOIL BY USING EGG SHELL POWDER AND QUARRY DUST

Project Report Submitted In partial fulfillment of requirement for the award of the Degree of

BACHELORS OF TECHNOLOGY

IN

CIVIL ENGINEERING

By

P.MUSHRAF KHAN (20H75A0110)

K.SRAVYA (20H75A0117)

T.HURDAY SAGAR (20H75A0105)

N.KRISHNA CHAITHANYA (20H75A0107)

S.KEERTHI (19H71A0102)

Under the esteemed guidance of

Mr. A V V SAI RAM, M.Tech

Assistant professor

DEPARTMENT OF CIVIL ENGINEERING

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(Autonomous)

Kanchikacherla:-521180, NTR Dist,Andhra Pradesh, India

APRIL 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P, India

AUTONOMOUS
NBA-Accredited
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **AN EXPERIMENTAL STUDY ON STABILIZATION OF SOIL BY USING QUARRY DUST AND EGG SHELL POWDER** submitted by **P. Mushraf Khan (20H75A0110), K.Sravya (20H75A0117), T. Hurdy Sagar (20H75A0105), N. Krishna Chaithanya, S. Keerthi (19H71A0102)**,to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. A V V Sai Ram. M.Tech

Assistant professor

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Mr.N.V.Subba Rao (Ph.D)

Associate Professor

Head of the Department
Dept. of Civil Engg
DVR & Dr. HS MIC College of Technology
Kanchikacherla, Krishna Dt.
Andhra Pradesh, India – Pin: 521180

Head of the Department

PRINCIPAL

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P, India.
Tel.No : 08678-273535/9491457799/7382616824
Website : www.mictech.edu.in

Accredited by NAAC With Grade A
ISO 9001 : 2015 Certified

DEPARTMENT:EEE **F-031**
ACADEMIC YEAR: 2022-23 **CLASS/ SEMESTER: IV/II**

Batch. No	Roll .No	Name of the Student	Project Guide
B1	20H75A0253	Koppula Tejasri	Dr.P.Pradeep
	20H75A0206	Gunja Bhanu Lakshman	
	19H71A0212	Pallikanti Sadghun	
	20H75A0234	Kodigudla Neeraj	
	19H71A0212	Kumpati Karthik	
B2	20H75A0216	Alishethy Harika	Dr.B.K.Karunakar Rao
	20H75A0256	Ravula Upendra	
	19H71A0201	Gude Akshaya	
	20H75A0225	Lavudiya Mahendra	
	20H75A0233	Kalakanti Narasimha Swamy	
	19H71A0208	Shaik Malik Mohammed	
B3	20H75A0243	Bachu Sailaja	Mr.A.V.Ravi Kumar
	20H75A0248	Kommanaboina Sirisha	
	20H75A0230	Appapuram Mounika	
	19H71A0204	Kambhampati Dhayanidhi	
	20H75A0231	Shaik Munwar	
	19H71A0216	Bathula Srikanth	
B4	20H75A0203	Venigalla Akhilesh	Mr. M. Sunil Kumar
	20H75A0229	Vasamsetti Mohith Naga Adithya	
	19H71A0202	Sudarsanam Anitha	
	20H75A0221	Bhuvanagiri Jhansi Rani	
	20H75A0241	Ponna Sai Nitheesh	
	20H75A0208	Sunkisala Bruce Lee	
B5	20H75A0215	Sakinala Gopal	Mr.M.Rama Mohana Rao
	19H71A0206	Mada Kranthi Kiran	
	20H75A0258	Chevala Venkateswara Rao	
	19H71A0214	Vuyyuru Sathwik	
	20H75A0250	Thota Srihari	
B6	20H75A0228	Sangisetti Mohana Sri Lakshmi Renuka	Mr.N.Venu Babu
	20H75A0205	Todeti Bhagya Raju	
	20H75A0238	Dondapati Prasanna Kumar	
	20H75A0263	Gumma Yaswanth	
	19H71A0209	**Sadineni Manasa**	
B7	20H75A0224	Konda Lavanya	Mr.S.Ravikanth
	20H75A0249	Chintha Siva Keerthana	
	20H75A0209	Davuluri Charan	
	20H75A0240	Davu Rama Linga Prasad	
	20H75A0254	Palla Trinadh	
B8	20H75A0244	Kothuri Sampath Kumar	Mr.M.Tharun
	20H75A0217	Gumpena Harika Devi	
	20H75A0239	Kode Raja Rajeswari	
	19H71A0211	Sakamuri Priyanka	
	20H75A0264	Kollipara Yeswanth Kumar	
B9	20H75A0255	Kandru Uday Kiran	Mr.D.Arun kumar
	20H75A0260	Uppuluri Vennela	
	20H75A0223	Vallepu Koteswara Rao	
	20H75A0251	Banavathu Srinivas Naik	
	20H75A0246	Tikkisetty Satya Vara Prasad	

B10	20H75A0218	Rampilla Harshith	Mrs. Lakshmi
	20H75A0202	Munipalli Akanksha	
	20H75A0207	Nadakuditi Bhargava Ram	
	19H71A0205	Velagapudi Divya Sri	
	20H75A0204	Shaik Alla Bakshu	
B11	20H75A0227	Shaik Manishabegum	Dr.P.Pradeep
	19H71A0217	Mudavathu Srikanth	
	20H75A0210	Chintala Deepak Srinivas	
	19H71A0215	Voruganti Satwika	
	20H75A0213	Jaddu Ganesh	
	20H75A0259	Mogili Venkateswara Rao	
B12	20H75A0265	Korra Srinu	Dr.B.K.Karunakar Rao
	20H75A0232	Ommi Naga Prameela	
	20H75A0212	Shaik Faruk Gani	
	20H75A0226	Cheruvu Manikanta	
	19H71A0203	Balne Bhuvanesh	
B13	19H71A0218	Rayala Vasavi	Mr.A.V.Ravi Kumar
	20H75A0257	Anupoju Venkat	
	20H75A0219	Mohammad Imran	
	20H75A0235	Varre Pavan Kalyan Chakravarthi	
	19H71A0207	Gubba Mahesh	
B14	20H75A0237	Mukkidi Peddaiah	Mr. M. Sunil Kumar
	20H75A0242	Tummala Sai Teja	
	19H71A0219	Sripalasetti Venkata Kishore	
	20H75A0262	Yathakula William Cary	
	20H75A0252	Medida Sumanth	
B15	19H71A0210	Gujjarlapudi Nikhil	Mr.M.Rama Mohana Rao
	20H75A0236	Gugulothu Pavan Kumar	
	20H75A0261	Bezawada Vijay Kumar	
	19H71A0220	Pathan Yakhoob	
	20H75A0214	Vemula Geetha Veera Naga Prasanna	

Project-Coordinator **Head of the Department**

IMPROVED DIRECT TORQUE CONTROL FOR INDUCTION MOTOR USING ARTIFICIAL NEURAL NETWORK

A Project Report submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology
In
Electrical and Electronics Engineering

by

V.Akhilesh (20H75A0203) **B. Jhansi Rani (20H75A0221)**
V. Mohith Naga Adithya(20H75A0229) **P. Sai Nitheesh (20H75A0241)**
S. Anitha (19H71A0202) **S. Bruce Lee (20H75A0208)**

Under the Esteemed Guidance of

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

Department of Electrical and Electronics Engineering

DVR & Dr. HS

MIC COLLEGE OF TECHNILOGY

(Autonomous)

Kanchikacherla– 521180,NTR Dist., Andhra Pradesh

2022-2023

DVR & Dr. HS

MIC College of Technology

Kanchikacherla – 521180, Krishna Dist., A.P. India.

Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"IMPROVED DIRECT TORQUE CONTROL FOR INDUCTION MOTOR USING ARTIFICIAL NEURAL NETWORK"** submitted by **V.Akhilesh, V.Mohith Naga Adithya, S.Anitha, B.Jhansi Rani, P.Sai Nitheesh, S.Bruce Lee** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electrical and Electronics Engineering** is a bonafied record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. M. Sunil Kumar, M. Tech. (Ph.D.)
Assistant Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department

Dr. T. Vamsee Kiran, M.E., Ph.D.
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner **External Examiner**

IMPROVED DIRECT TORQUE CONTROL FOR INDUCTION MOTOR USING ARTIFICIAL NEURAL NETWORK

A Project Report submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology
In
Electrical and Electronics Engineering

by

V.Akhilesh (20H75A0203) **B. Jhansi Rani (20H75A0221)**
V. Mohith Naga Adithya(20H75A0229) **P. Sai Nitheesh (20H75A0241)**
S. Anitha (19H71A0202) **S. Bruce Lee (20H75A0208)**

Under the Esteemed Guidance of

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

Department of Electrical and Electronics Engineering

DVR & Dr. HS

MIC COLLEGE OF TECHNILOGY

(Autonomous)

Kanchikacherla– 521180,NTR Dist., Andhra Pradesh

2022-2023

DVR & Dr. HS

MIC College of Technology

Kanchikacherla – 521180, Krishna Dist., A.P. India.

Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"IMPROVED DIRECT TORQUE CONTROL FOR INDUCTION MOTOR USING ARTIFICIAL NEURAL NETWORK"** submitted by **V.Akhilesh, V.Mohith Naga Adithya, S.Anitha, B.Jhansi Rani, P.Sai Nitheesh, S.Bruce Lee** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electrical and Electronics Engineering** is a bonafied record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. M. Sunil Kumar, M. Tech. (Ph.D.)
Assistant Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department

Dr. T. Vamsee Kiran, M.E., Ph.D.
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner **External Examiner**

SPEED TRACKING PERFORMANCE OF PERMANENT MAGNET SYNCHRONOUS MOTOR USING ADVANCED CONTROLLERS

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering

By

M.Peddaiah	**(20H75A0237)**
T.Sai Teja	**(20H75A0242)**
S.Venkata Kishore	**(19H71A0219)**
Y.William Cary	**(20H75A0262)**
M.Sumanth	**(20H75A0252)**

Under the esteemed guidance of
Mr. M.Sunil Kumar, M .Tech. (Ph.D)
Assistant Professor

Department of Electrical and Electronics Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

2022 – 2023

DVR & Dr. HS

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla-521180, Krishna Dt. A.P. India

CERTIFICATE

This is to certify that the project report entitled "**SPEED TRACKING PERFORMANCE OF PERMANENT MAGNET SYNCHRONOUS MOTOR USING ADVANCED CONTROLLERS**" submitted by **M. Peddaiah (20H75A0237) ,T. Sai Teja (20H75A0242),S. Venkata Kishore (19H71A0219), Y. William Cary(20H75A0262), M. Sumanth (20H75A0252),** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical and Electronics Engineering** is a bonafede record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Mr. M. Sunil Kumar, M. Tech. (Ph.D)
Assistant Professor
Project Guide

Dr. P. Pradeep, M. Tech, Ph.D
Associate Professor
Head of the Department

Dr. T. Vamsee Kiran, M.E., Ph.D
Principal

PRINCIPAL
DVR & Dr. HS. MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Design And Development of Parallel Hybrid Propulsion Electric Vehicle Using Cascaded H-bridge Multilevel Inverter

A Project Report Submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology
In
Electrical & Electronics Engineering

by

20H75A0265 - K. Srinu
20H75A0202 - O. Naga Pramecla
20H75A0212 - SK. Faruk Gani
20H75A0226 - CH. Manikanta
19H71A0203 - B. Bhuvanesh

Under the Esteemed Guidance of

Dr. B. K. Karunakar Rao, M. Tech, Ph. D
Associate Professor

Department of Electrical & Electronics Engineering
DVR & Dr. HS
MIC COLLEGE OF TECHNOLOGY
(Autonomous)
Kanchikacherla- 521180, NTR Dist., Andhra Pradesh

2022-2023

DVR & Dr. HS
MIC College of Technology

CERTIFICATE

This is to certify that the project report entitled **"DESIGN AND DEVLOPMENT OF PARLLEL HYBRID PROPULSION ELECTRIC VEHICLE USING CASCADE H BRIDGE MULTI LEVEL INVERTER"** Submitted by **K. Srinu (20H75A0265), O. Naga Pramecla (20H75A0232), SK. Faruk Gani (20H75A0212), CH.Manikanta (20H75A0226), B.Bhuvanesh (19H71A0203)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical & Electronics Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Dr. B. K. Karunakar Rao, Ph.D.
Associate Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department EEE

Dr. T. Vamsee Kiran, M.E.,Ph.D.
Principal
PRINCIPAL
DVR & Dr.HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

A SURVEILLANCE SYSTEM TO DETECT BIKES WITHOUT HELMET AND TRIPLE RIDERS

A Project Report

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

Bachelor of Technology

in

Electrical & Electronics Engineering

by

K. Uday Kiran	(20H75A0255)
U. Vennela	(20H75A0260)
V. Koteswara Rao	(20H75A0223)
B. Srinivas Naik	(20H75A0251)
T. Satya Vara Prasad	(20H75A0246)

Under the Esteemed Guidance of

Mr. D. Arun Kumar, M.Tech

Assistant Professor

Department of Electrical & Electronics Engineering

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla, Andhra Pradesh - 521180

2022 - 2023

CERTIFICATE

This is to certify that the project report entitled *"A SURVEILLANCE SYSTEM TO DETECT BIKES WITHOUT HELMET AND TRIPLE RIDERS"* being submitted for the partial fulfillment of the requirements for the award of the degree in **Bachelor of Technology in Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological University, Kakinada,** is a bonafide work done by **K.Uday Kiran (20H75A0255), U.Vennela (20H75A0260), V.Koteswara Rao (20H75A0223), B.Srinivas Naik (20H75A0251), T.Satya Vara Prasad (20H75A0246)** under guidance during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institution or university for the award of any degree.

Mr. D. Arun Kumar, M.Tech
Assistant Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department EEE

Dr. T. Vamsee kiran, M.E.,Ph. D,
Principal
PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ELETRICAL BATTERY THERMAL MANAGEMENT SYSTEM BASED ON CALCULATING STATE OF CHARGE AND STATE OF HEALTH

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering

By

Sk. Manisha Begum	(20H75A0227)
M. Srikanth	(19H71A0217)
Ch. Deepak Srinivas	(20H75A0210)
V. Satwika	(19H71A0215)
J. Ganesh	(20H75A0213)
M. Venkateswara Rao	(20H75A0259)

Under the esteemed guidance of
Dr. P. Pradeep, M .Tech, Ph.D
Associate Professor

Department of Electrical and Electronics Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

2022 - 2023

DVR & Dr. HS

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla-521180, Krishna Dt. A.P. India

CERTIFICATE

This is to certify that the project report entitled "**ELETRICAL BATTERY MANAGEMENT SYSTEM BASED ON CALCULATING STATE OF CHARGE AND STATE OF HEALTH**" submitted by ***Sk. Manisha Begum(20H75A0227), M. Srikanth(19H71A0217), Ch. Deepak Srinivas (20H75A0210), V. Satwika(19H71A0215), J. Ganesh (20H75A0213), M. Venkateswara Rao (20H75A0259)*** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical and Electronics Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Dr. P. Pradeep, M. Tech, Ph.D
Associate Professor
Project Guide

Dr. P. Pradeep, M. Tech Ph.D
Associate Professor
Head of the Department

Dr. T. Vamsee Kiran, M.E., Ph.D
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

MODELLING OF A DC MICROGRID AND ITS PROTECTION FROM FAULTS

A Project Report

submitted in partial fulfillment of

The Requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Electrical & Electronics Engineering

By

R.Vasavi	(19H71A0218)
A.Venkat	(20H75A0257)
Md.Imran	(20H75A0219)
V.P.K. Chakravarthi	(20H75A0235)
G.Mahesh	(19H71A0207)

Under the Esteemed Guidance of

Mr. A.V.RAVI KUMAR M.Tech,(Ph.D)

ASSISTANT PROFESSOR

Department of Electrical & Electronics Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla- 521180, NTR Dist., Andhra Pradesh

2022-2023

DVR & Dr. HS

MIC College of Technology

CERTIFICATE

This is to certify that the project report entitled **"MODELLING OF A DC MICROGRID AND ITS PROTECTION FROM FAULTS"** submitted by **R.Vasavi (19H71A0218), A. Venkat(20H75A0257), Md.Imran(20H75A0219),V. P. K. Chakravarthi(20H75A0235), G. Mahesh(19H71A0207)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelors of Technology in **Electrical and Electronics Engineering** is a bonafide record of work carried out by her under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Mr. A.V.Ravi Kumar, M.Tech,(Ph.D)
Assistant professor
Project Guide

Dr. P. Pradeep, Ph.D
Associate Professor
Head of the Department,EEE

Dr. T. Vamsee Kiran, Ph.D
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DYNAMIC WIRELESS CHARGING OF ELECTRIC VECHILE WITH METERING SYSTEM

A Project Report
submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of Technology

in

Electrical & Electronics Engineering

by

K. Tejasri	**(20H75A0253)**
G. Bhanu Lakshman	**(20H75A0206)**
P. Sadghun	**(19H71A0212)**
K. Neeraj	**(20H75A0234)**
K. Karthik	**(20H75A0222)**

Under the Esteemed Guidance of

Dr. P. Pradeep, Ph.D.

Associate Professor

Department of Electrical & Electronics Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla- 521180, NTR Dist., Andhra Pradesh

May, 2023

DVR & Dr. HS

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla-521180, Krishna Dt. A.P. India

CERTIFICATE

This is to certify that the project report entitled "*DYNAMIC WIRELESS CHARGING OF ELECTRIC VECHILE WITH METERING SYSTEM*" being submitted for the partial fulfillment of the requirements for the award of the degree in **Bachelor of Technology in Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological University, Kakinada**, is a bonafide work done by **K.Tejasri(20H75A0253), G.Bhanu Lakshman(20H75A0206), P.Sadghun(19H71A0212), K.Neeraj(20H75A0234), K. Karthik(20H75A0222)** under my guidance during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institution or university for the award of any degree.

Dr. P. Pradeep, Ph.D.
Associate Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department EEE

Dr.T.Vamsee Kiran, M.E.,Ph. D,
Principal
PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

SOLAR POWER GENERATION SYSTEM WITH POWER SMOOTHING FUNCTION USING TWO POWER STAGES

A project Submitted in Partial Fulfilment of the Requirements for the award of Degree of

Bachelor of Technology in Electrical and Electronics Engineering

By

K. Lavanya	**(20H75A0224)**
Ch. Siva Keerthana	**(20H75A0249)**
D. Charan	**(20H75A0209)**
D. Ramalinga Prasad	**(20H75A0240)**
P. Trinadh	**(20H75A0254)**

Under the esteemed guidance of

Mr. S. RAVIKANTH, M. Tech
Assistant Professor
Department of EEE

Department of Electrical & Electronics Engineering

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla, Andhra Pradesh - 521180

2022 - 2023

DVR & Dr. HS

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla-521180, Krishna (Dt.), A.P. India

CERTIFICATE

This is to certify that the project report entitled **"SOLAR POWER GENERATION SYSTEM WITH POWER SMOOTHING FUNCTION USING TWO POWER STAGES"** being submitted for the partial fulfilment of the requirements for the award of the degree in bachelor of technology in Electrical and Electronics Engineering from Jawaharlal Nehru Technological University, Kakinada, is a bonafide work done by **K. LAVANYA (20H76A0224),CH. SIVA KEERTHANA (20H75A0249), D. CHARAN (20H75A0209), D. RAMALINGA PRASAD (20H75A0240), P. TRINADH (20H75A0254)** under my guidance during academic year 2022-2023 and it has been found worthy for acceptance according to the requirement of the university. This work is not submitted to any institution or university for the award of any degree.

SYMBIOSIS

INDUSTRY

Mr. S. Ravikanth, M.Tech.
Assistant Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department EEE

Dr. T. Vamsee Kiran, M.E, Ph.D
Principal

PRINCIPAL
DVR & Dr. HS. MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

ENHANCING VOLTAGE SABILITY AND IMPROVING POWER QUALITY IN SMART GRID WITH RES FED CASCADED MULTILEVEL INVERTER

A Project Report

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

Bachelor of Technology

In

Electrical & Electronics Engineering

By

20H75A0216	Alohethy Harika
20H75A0256	Ravula Upendra
19H71A0201	Gude Akshaya
20H75A0225	Lavudiya Mahendra
20H75A0233	Kalakanti Narasimha Swamy
19H71A0208	Shaik Malik Mohammad

Under the Esteemed Guidance of

Dr.B.K.Karunakar Rao M.Tech, Ph.D.

Associate Professor

Department of Electrical & Electronics Engineering

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla, Andhra Pradesh – 521180

(2022 – 2023)

DVR & Dr. HS

MIC College of Technology

CERTIFICATE

This is to certify that the project report entitled "**ENHANCING VOLTAGE STABILITY AND IMPROVING POWER QUALITY IN SMART GRID WITH RES FED CASCADED MULTILEVEL INVERTER** "being submitted for the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electrical Engineering from Jawaharlal Nehru Technological University, Kakinada, is a bonafide work done by **A.Harika(20H75A0216),R.Upendra (20H75A0256),G.Akshaya(19H71A0201),L.Mahendra(20H75A0225),k.Narasimha swamy(20H75A0233),SK.Malik Mohammad(19H71A0208)** under the guidance during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institution or university for the award of any degree.

Dr.B.K.Karunakar Rao, Ph.D.
Associate Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department EEE

Dr.T.Vamsee Kiran,M.E.,Ph.D.
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

AN EFFECTIVE CONTROLLER DESIGN FOR BLDC MOTOR DRIVE WITH GIANT TREVALLY OPTIMIZER

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor Of Technology
in
Electrical And Electronics Engineering
By

GUJJARLAPUDI NIKHIL	(19H71A0210)
GUGULOTHU PAVAN KUMAR	(20H75A0236)
BEZAWADA VIJAY KUMAR	(20H75A0261)
PATHAN YAKHOOB	(19H71A0220)
VEMULA GEETHA VEERA NAGA PRASANNA	(20H75A0214)

Department of Electrical & Electronics Engineering

Under the esteemed guidance of

Mr. M.RAMA MOHANA RAO, M.Tech

Assistant Professor
Department of EEE

Department of Electrical & Electronics Engineering
DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla – 521180, NTR Dist, Andhra Pradesh
April, 2023

Devineni Venkata Ramana & Dr. Himasekhar
MIC College of Technology
An Autonomous Institution
Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla - 521180, Krishna Dist., A.P, India.

CERTIFICATE

This is to certify that the project report entitled "An Effective Controller Design for BLDC Motor Drive with Giant Trevally Optimizer" being submitted for the partial fulfillment of the requirements for the award of the degree in **Bachelor of Technology in Electrical and Electronics Engineering** from **Jawaharlal Nehru Technological University, Kakinada**, is a bonafide work done by **Nikhil G, Pavan Kumar G, Vijay Kumar B, Yakhoob P, and Geetha Veera Naga Prasanna V** under my guidance during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institution or university for the award of any degree.

Mr. M.Rama Mohana Rao, M.Tech
Assistant Professor
Project Guide

Dr.P.Pradeep, Ph.D
Professor
Head of the Department

Dr.T.Vamsee Kiran, Ph.D
Principal
PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

FULLY AUTOMATED SOLAR GRASS CUTTER

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electrical and Electronics Engineering

By

S.Mohana	(20H75A0228)
T.Bhagya Raju	(20H75A0205)
D.Prasanna Kumar	(20H75A0238)
G.Yaswanth	(20H75A0263)
S.Manasa	(19H71A0209)

Under the esteemed guidance of
Mr.N.Venu Babu, M .Tech
Assistant Professor

Department of Electrical and Electronics Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

2022 – 2023

DVR & Dr. HS

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada

Kanchikacherla-521180, Krishna Dt. A.P. India

CERTIFICATE

This is to certify that the project report entitled **"FULLY AUTOMATED SOLAR GRASS CUTTER"** submitted by **S.Mohana(20H75A0228), T.Bhagya Raju(20H75A0205),D.Prasanna Kumar (20H75A0238), G.Yaswanth(20H75A0263),S.Manasa (19H71A0209),** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Electrical and Electronics Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Mr. N.Venu Babu, M. Tech
Assistant Professor
Project Guide

Dr. P. Pradeep, M. Tech, Ph.D
Associate Professor
Head of the Department

Dr. T. Vamsee Kiran, M.E.,Ph.D
Principal

PRINCIPAL
DVR & Dr.HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

AN ENHANCED ADAPTIVE FILTER BASED POWER QUALITY IMPROVEMENT WITH THREE PHASE FOUR WIRE INTERLINKING CONVERTER IN MICROGRID SYSTEMS

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

in

Electrical & Electronics Engineering

by

K. Sampath Kumar	**(20H75A0244)**
G. Harika Devi	**(20H75A0217)**
K. Raja Rajeswari	**(20H75A0239)**
S. Priyanka	**(19H71A0211)**
K. Yeswanth Kumar	**(20H75A0264)**

Under the Esteemed Guidance of
Mr. M. Tharun, M. Tech
Assistant professor

Department of Electrical & Electronics Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology

an Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla-521180, Krishna Dt. A.P. India

CERTIFICATE

This is to certify that the project report entitled **"AN ENHANCED ADAPTIVE FILTER BASED POWER QUALITY IMPROVEMENT WITH THREE-PHASE FOUR-WIRE INTERLINKING CONVERTER IN MICROGRID SYSTEMS"** being submitted for the partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electrical & Electronics Engineering** from **Jawaharlal Nehru Technological University, Kakinada**, is a bonafide work done by **K. Sampath Kumar (20H75A0244), G. Harika Devi (20H75A0217), K. Raja Rajeswari (20H75A0239), S. Priyanka (19H71A0211), K. Yeswanth Kumar (20H75A0264)** under my guidance during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institution or university for the award of any degree.

Mr. M. Tharun, M.Tech
Assistant Professor
Project Guide

Dr. P. Pradeep, Ph.D.
Associate Professor
Head of the Department EEE

Dr. T. Vamsee Kiran,
Principal
PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

Devineni Venkata Ramana & Dr. Himasekhar

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Kanchikacherla - 521180, Krishna Dist., A.P, India.

CERTIFICATE

This is to certify that the project report entitled **"Optimal Controller Design For BLDC Motor Drive With Transit Search Optimization Algorithm"** being submitted for the partial fulfilment of the requirements for the award of the degree in **Bachelor of Technology in Electrical and Electronics Engineering** from **Jawaharlal Nehru Technological University, Kakinada**, is a bonafide work done by **Gopal S, Kranthi Kiran M, Venkateswara Rao Ch, Sathwik V and Sri Hari T** under my guidance during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is not submitted to any other institution or university for the award of any degree.

Mr. M.Rama Mohana Rao, M.Tech.
Assistant Professor
Project Guide

Dr.P.Prasheep, Ph.D
Professor
Head of the Department

Dr. T.Vamsee kiran
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

OPTIMAL CONTROLLER DESIGN FOR BLDC MOTOR DRIVE WITH TRANSIT SEARCH OPTIMIZATION ALGORITHM

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

in

Electrical & Electronics Engineering

by

S. Gopal	**(20H75A0215)**
M. Kranthi Kiran	**(19H71A0206)**
Ch. Venkateswara Rao	**(20H75A0258)**
V. Sathwik	**(19H71A0214)**
T. Sri Hari	**(20H75A0250)**

Under the Esteemed Guidance of
Mr. M. Rama Mohana Rao, M. Tech
Assistant professor

Department of Electrical & Electronics Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April, 2023

EYE CONTROLLED WHEEL CHAIR FOR PHYSICALLY HANDICAPPED USING RASPBERRY PI

A Project Report

submitted in partial fulfillment of the

requirements for the award of the degree of

Bachelor Of Technology

in

Electrical & Electronics Engineering

by

R. Harshith (20H75A0218)

M. Akanksha (20H75A0202)

N. Bhargava Ram (20H75A0207)

V. DIVYA SRI (19H71A0205)

SK. Alla Baksha (20H75A0204)

Under the esteemed guidance of

Mrs B. Lakshmi Nagamani

Assistant Professor

Department of Electrical & Electronics Engineering

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla, Andhra Pradesh - 521180

2022 – 2023

DVR & Dr. HS

MIC College of Technology

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada

Kanchikacherla-521180, Krishna Dt. A.P. India

CERTIFICATE

This is to certify that the mini project report entitled **"EYE CONTROLLED WHEEL CHAIR FOR PHYSICALLY HANDICAPPED USING RASPBERRY PI"** being submitted by R.HARSHITH, M.AKANKSHA, N.BHARGAV RAM, V.DIVYASRI, SH.ALLA BAKSHU in **DVR & Dr. HS MIC College of Technology** (Autonomous), in partial fulfilment of the requirements for the award of the degree in Bachelor of Technology in **Electrical and Electronics Engineering** is a bonafied work done by under my guidance and Supervision during the academic year 2022-23 and it has been found suitable for acceptance according to the requirement of the university. This work is notsubmitted to any other institution or university for the award of any degree.

Mrs B. Lakshmi Nagamani

Assistant Professor

Project Guide

Dr. P. Pradeep, Ph.D

Associate Professor

Head of the Department

Dr. T. Vamsee Kiran, Ph.D

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

INTERNAL EXAMINER

EXTERNAL EXAMINER

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@mictech.ac.in, Website: www.mictech.edu.in

AUTONOMOUS
Accredited by NAAC With Grade A

Department of Mechanical Engineering

A.Y:2022-23

List of Major Projects

S no.	Regd no.	Student name	Int. Guide	Project title
1	20H75A0324	Udaybhaskar. K	D.DIVYA	Design /Analysis and Development of Spoolable Fibre Reinforced Composites Thermoplastic Pipes.
	20H75A0313	Nagaraju. M		
	20H75A0312	Maneesh. V		
2	20H75A0310	Mahesh. B	R. RANJITH KUMAR	Design and fabrication of surveillance robot using klanns mechanism
	20H75A0321	Sanath. P		
	19H71A0303	Hari Krishna. Y		
	19H71A0302	Ganesh. U		
3	20H75A0305	Harish. R	A. NAGAPAVAN KUMAR	Effect of fuel additives on combustion , performance and emission of characteristics of diesel engine fuelled with custard apple bio diesel
	20H75A0309	Mahammad Rafi. SK		
	19H71A0308	Sravankumar. M		
	20H75A0303	AmruthaPremSagar. T		

4	20H75A0316	Omkar. A	K. SUPRIYA	Modelling and analysis of shell and coil heat exchanger to determine its effectiveness with different materials.
	20H75A0318	Raja. B		
	19H71A0311	VamsiBabu. B		
	20H75A0328	Venkateswara Rao. K		
5	20H75A0325	VenkatasaiNiranjan. V	N. NARESH BABU	Experimental Investigation on Performance And Emission Characteristics of Diesel Engine Fuelled With Palmyra Biodiesel
	20H75A0304	Gnana Deep. T		
	20H75A0322	P N S S K D Satya Swarup		
	20H75A0323	Sri Muralinadh. V		
6	20H75A0302	Akbar. SK	Dr. D V SIVAREDDY	Effect of Johnson cook parameters in FE Simulation of Ti6AL4V Alloy machining
	20H75A0311	Mahesh Varun. K		
	20H75A0301	Abdul Shaheed. MD		
	19H71A0310	Venkata Siva Rama Krishna. K		
7	20H75A0314	Naveen. K	M.KOTESWARAR RAO	Tribological properties of AMMC (**AL7475//ROCK DUST**)
	20H75A0306	Jeevan Kumar. N		
	20H75A0315	Naveen Sagar. P		
	19H71A0306	Murali. D		

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@mictech.ac.in, Website: www.mictech.edu.in

AUTONOMOUS
Accredited by NAAC With Grade A

8	20H75A0327	Venkatesh. R	Dr. G RAJESH	Fabrication, Testing & Analysis of partially or fully Bio-degradable composite Mother Board
	20H75A0307	Kartheek. A		
	19H71A0305	Lohith. V		
	19H71A0313	VenkataAnjaneya Prasad. A		
9	20H75A0320	Ramesh. Y	Dr. K SRINIVAS	Fatigue test on welded joints
	20H75A0326	Venkatesh. K		
	19H71A0304	Leelaprasad. T		
	19H71A0312	VeeraMaharshi Siva Ratna. K		
10	20H75A0308	Karthikeya. Y	K. SIRISHA	Entropy, heat transfer and heat transfer coefficient analysis of two different types of heat exchangers operated with NANO fluids
	20H75A0317	Prem Kumar. S		
	19H71A0309	Surya Teja. P		
	19H71A0301	Essak. CH		

Signature of Coordinator **Signature of HoD**

EFFECT OF JOHNSON COOK PARAMETERS ON FINITE ELEMENT SIMULATION OF Ti6Al4V ALLOY MACHINING

Project Report Submitted In partial fulfilment of the requirements
For the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Mechanical Engineering

By

K. Mahesh Varun (20H75A0311) **SK Akbar ((20H75A0302)**
M.A Shaheed (20H75A0301) **K Siva Rama Krishna (19H71A0310)**

Under the esteemed guidance of
Dr. D V Siva Reddy
ASSOCIATE PROFESSOR

Department of Mechanical Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla- 521180, NTR Dist, Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled **"Effect of Johnson Cook Parameters on Finite Element Simulation of Ti6al4v Alloy Machining"** submitted by **Mr. K Mahesh Varun (20H75A0311), Mr. SK. Akbar (20H75A0302), Mr. M A. Shaheed (20H75A0301), Mr. K Siva Rama Krishna (19H71A0310)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MODELLING AND ANALYSIS OF SHELL AND HELICAL COIL HEAT EXCHANGER AND DETERMINING ITS EFFECTIVENESS BY CHANGING ITS MATERIALS

Project Report Submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Mechanical Engineering

By

B.RAJA (20H75A0318)
A.OMKAR (20H75A0316)
B.VAMSI (19H71A0311)
K.VENKATESWARA RAO (20H75A0328)

Under the esteemed guidance of
Mrs. S. SUPRIYA M.Tech. (Ph.D)
ASSISTANT PROFESSOR

Department of Mechanical Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)
Kanchikacherla- 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
NAAC A With Grade

CERTIFICATE

This is to certify that the project report entitled **Modelling And Analysis Of Shell And Helical Coil Heat Exchanger And Determining Its Effectiveness By Changing Its Materials** submitted by **Mr.B.Raja, Mr.A.Omkar Mr.B.Vamsi, Mr.K.Venkateswara Rao** to the DVR&Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DESIGN AND FABRICATION OF SEVERAL SPOT ROBOT BY USING KLANN'S MECHANISM

A Project Report

submitted in partial fulfillment of the

requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

MECHANICAL ENGINEERING

By

B. MAHESH	20H75A0310
Y. HARI KRISHNA	19H71A0303
U. GANESH	19H71A0302
P. SANATH SURYA	20H75A0321

Under the Esteemed Guidance of

Mr. R. RANJITH KUMAR

Associate Professor

Department of Mechanical Engineering

MIC College of Technology

(Autonomous)

Kanchikacherla-521180, NTR District, Andhra Pradesh

APRIL, 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A P, India

AUTONOMOUS

NBA-Accredited

Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled "**DESIGN AND FABRICATION OF SRVEILLANCE ROBOT BY USING KLANN'S MECHANISM** "submitted by **Mr.B.MAHESH, Mr.Y.HARI KRISHNA, Mr.U.GANESH, Mr.P.SANATH SURYA** to the DVR& Dr. HS MIC COLLEGE OF TECHNOLOGY in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in MECHANICAL ENGINEERING is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

STUDY, ANALYSIS AND COMPARISION OF MECHANICAL PROPERTIES OF GFRP REBARS WITH STEEL REBARS USING ANSYS WORKBENCH FOR BRIDGE APPLICATION

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Mechanical Engineering

By

M. Nagaraju - 20H75A0313
K. Uday Bhaskar - 20H75A0324
V. Maneesh - 20H75A0312

Under the esteemed guidance of

Ms. D. DIVYA
Assistant Professor

Department of Mechanical Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

March, 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE|ECE|ME)
Accredited by
NAAC A
With Grade

CERTIFICATE

This is to certify that the project work entitled as **"Study, Analysis and Comparision of Mechanical Properties of GFRP Rebars with Steel Rebars using Ansys Workbench for Bridge Application"** is being submitted by **K. Uday Bhaskar (20H75A0324) , V. Maneesh (20H75A0312) , M. Nagaraju (20H75A0313)** to the DVR & Dr. HS MIC College of technology in the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering is a bonified record of work in the academic during 2020-2023. The contents of this report, in the full or in parts, have not been submitted to any other Institute for the award of any Degree.

Project Guide

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

EXPERIMENTAL INVESTIGATION ON PERFORMANCE AND EMISSION CHARACTERISTICS OF DIESEL ENIGINE FUELED WITH PALLMYRA BIODIESEL

Project Report Submitted In partial fulfillment of the requirements

for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

By

P.N S S K D Satya Swarup(20H75A0322)
V. NIRANJAN (20H75A0325)
T. GNANA DEEP(20H75A0304)
V. SRI MURALINADH(20H75A023)

Under the esteemed guidance of
Mr.N.NARESH BABU
ASSISTANT PROFESSOR

Department of Mechanical Engineering

DVR&Dr.HS
MIC College of Technology
(Autonomous)
Kanchikacherla – 521180, NTR Dist.Andhra Pradesh

April,2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE | ECE | ME)
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled **Experimental Investigation on Performance and Emission Characteristics of Diesel Engine Fueled with Palmyra Biodiesel** submitted by **Mr. P. N S S K D Satya Swarup (20H75A0322), Mr. T. Gnana Deep (20H75A0304), Mr. V. Niranjan (20H75A0325), Mr. V. Sri Muralinadh (20H75A0323)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

EFFECT OF FUEL ADDITIVES ON PERFORMANCE AND EMISSION CHARACTERISTICS OF DIESEL ENGINE FUELED WITH CUSTARD APPLE BIODIESEL

Project Report Submitted In partial fulfillment of the requirements
for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Mechanical Engineering

By

R. Harish (20H75A0305)
T. Amurtha prem sagar (20H75A0303)
Sk. Mahammad Rafi (20H75A0309)
M. Sravan kumar (19H71A0308)

Under the esteemed guidance of
Mr. A. Naga Pavan kumar MTech
ASSISTANT PROFESSOR

Department of Mechanical Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled **"Effect of Fuel Additive on Performance and Emission Characteristics of Diesel Engine Fueled with Custard Apple Bio-Diesel"** submitted by **Mr. R. Harish (20H75A0305), Mr. T. Amurtha Prem Sagar (20H75A0309), Mr. Sk. Mahammad Rafi (20H75A0303), Mr. M. Sravan Kumar (19H71A0308)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award ofany Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DESIGNING AND ANALYSIS OF EXCAVATOR BUCKET

A Project Report

submitted in partial fulfillment of the

requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

MECHANICAL ENGINEERING

By

Y. RAMESH	(20H75A0320)
K. VENKATESH	(20H75A0326)
T. LEELAPRASAD	(19H75A0305)
K.V.V.S.R. MAHARSHI	(19H75A0311)

Under the Esteemed Guidance of

Dr. K. SRINIVAS

Professor

Department of Mechanical Engineering

MIC College of Technology

(Autonomous)

Kanchikacherla 521180, NTR District, Andhra Pradesh

APRIL, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
NAAC A

CERTIFICATE

This is to certify that the project report entitled **DESIGNING AND ANALYSIS OF EXCAVATOR BUCKET** submitted by **Mr. Y.Ramesh (20H75A0320), K.Venkatesh (20H75A0326), T.Leelaprasad (19H75A0305),K.V.V.S.R.Maharshi (19H75A0311)** to the DVR&Dr.HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submittedto any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ENCHANCING THE HEAT TRANSFER RATE IN AUTOMOBILE RADIATOR USING NANO FLUID AS COOLANT

Project Report Submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Mechanical Engineering

By

A. Kartheek (20H75A0307)

R. Venkatesh (20H75A0327)

A. Venkata Anjaneya Prasad (19H71A0313)

V. Lohith (19H71A0305)

Under the esteemed guidance of

Dr. G Rajesh M.Tech. (PhD)

PROFESSOR

Mrs. K. Sirisha MTech. (PhD)

ASSISTANT PROFESSOR

Department of Mechanical Engineering

OVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled **"Enhancing The Heat Transfer Rate in Automobile Radiator using Nano Fluid as Coolant"** submitted by **Mr. A. Kartheek (20H75A0307), Mr. R. Venkatesh (20H75A0307), Mr. V. Lohith (19H71A0305), Mr. A. Venkata Anjaneya Prasad (19H71A0313)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

EXPERIMENTAL INVESTIGATION ON TRIBOLOGICAL PROPERTIES OF METAL MATRIX COMPOSITE (AL7475/ROCKDUST)

Project Report

Submitted In partial fulfilment of the requirements

for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Mechanical Engineering

By

N.JEEVAN KUMAR (20H75A0306) K.NAVEEN (20H75A0314)

P.NAVEEN SAGAR (20H75A0315) D.MURALI (19H71A0306)

Under the esteemed guidance of

Mr. M.KOTESWARA RAO

Assistant Professor

Department of Mechanical Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE | ECE | ME)
Accredited by
NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **Experimental Investigation on Tribological Properties of Metal Matrix Composite (AL7475/ROCKDUST)** submitted by **Mr. N. JEEVAN KUMAR (20H75A0306), Mr. P.NAVEEN SAGAR (20H75A0315), Mr. K.NAVEEN (20H75A0314), Mr. D.MURALI (19H71A0306)** to the DVR & Dr.HS MICCollege of Technology, Kanchikacherla in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh. India – Pin: 521180

Internal Examiner

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

External Examiner

ENHANCEMENT OF HEAT TRANFER RATE IN SHELL AND TUBE HEAT EXCHANGER OF USING BASE FLUIDS AND NANO FLUIDS

Project Report Submitted in partial fulfillment of the requirements for the award of the Degree of

Bachelor of Technology
In
Mechanical Engineering

Y.KARTHIKEYA(20H75A0308)
S.PREM KUMAR(20H75A0317)
P.SURYA TEJA (19H71A0309)
CH.ESSAK(19H71A0301)

Under the esteemed guidance of
Mrs. K.SIKISHA
ASSOCIATE PROFESSOR

Department of Mechanical Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)
Kanchikacherla-521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **Enhancement of Heat Transfer Rate In Shell And Tube Heat Exchanger by Using Base Fluids And Nano Fluids** submitted by **Mr. Y.Karthikeya, Mr. S.Prem kumar, Mr. P. Surya Teja, Mr.CH.Essak** to the DVR&Dr.HS. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Mechanical Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh. India – Pin: 521180

Internal Examiner

External Examiner

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist, A.P, India.
Phones: 08678 - 273535 / 94914 57799 / 73826 16824
E mail: office@mictech.ac.in, Website: www.mictech.edu.in

AUTONOMOUS
NBA-Accredited B.Tech (CSE|ECE|ME)
Accredited by NAAC With Grade A

Department of Electrons & Communication Engineering

A.Y:2022-23

List of Major Projects

S. No	REG No	NAME OF THE STUDENT	INTERNAL GUIDE	PROJECT TITLE
A1	19H71A0453	NEDUNURI VENKATA SRI PRANATHI	**Dr. CH. PULLARAO**	Image Enhancement and Image Restoration Methods for underwater images
	19H71A0437	MAJETY SAI MAHIDAR TARUN		
	19H71A0430	SIMHADRI POOJITHA GAYATHRI		
	20H75A0409	TATIPARTHI KALYAN		
A2	19H71A0403	THANNERU ASRITHA	**Mr. B.R.K. SINGH**	Arduino Based Smart College Bus and Student identification System Using RFID
	19H71A0418	SURISETTI LAKSHMI MADHURI		
	19H71A0401	SYED ABDUL JAMEER		
	20H75A0406	NALLAMOTHU GIRIBABU		
A3	19H71A0405	ANYAM BHARGAVI	**Dr. B. PRAGATHI**	A smart Autonomous Floor cleaner with an Android based Controller
	19H71A0406	KONETI BHARGAVI		
	19H71A0404	NANDIGAM BHANU PRAKASH		
	19H71A0415	KOTTURI KRISHNA KANTH		
A4	19H71A0449	KAPA SRUJANA	**Dr. P. RAJANI KUMARI**	IoT-Ready Energy-Autonomous Parking Sensor Device
	19H71A0420	KOSARAJU MAHITH SAI		
	20H75A0407	SURE GOPI KRISHNA		
	19H71A0440	DANDU SAI UDAY KIRAN		
A5	19H71A0438	MANUBOTHU SAI RAMYA SRI	**Dr.K.Michael Angelo**	Design and Development of human tracking robot
	19H71A0450	POTTI SUPRAJA		
	19H71A0413	DESETTI HARIKA BHAVANI		
	19H71A0436	MADDELA RESHMA		
A6	19H71A0439	RAMANUJAM SAI TANUJA	**Mr. M. ANIL KUMAR**	Automatic Pill Reminder and Alert System
	20H75A0401	JIDUGU ADISURYA		
	20H75A0405	PATNALA DURGA RAO		
	19H71A0441	SHAIK SAIDHA GOPI		
A7	19H71A0419	GINJUPALLI LIKITHA	**Mrs. G. ANANTHA LAKSHMI**	Speaking System for Mute People using hand gestures
	19H71A0447	MARKAPURAPU SRI LAKSHMI SAI NOHITHA		
	19H71A0425	NEMALIPURI NAVEEN		

	19H71A0431	MALAMANTI PRABHUKOTI VARMA		
	19H71A0445	NADAKUDITI SRAVANI		Artificial Electric Field Algorithm for Multilevel Image Thresholding
	19H71A0417	TULAGAPU KUMARI		
	19H71A0448	JONNALAGADDA SRIKANTH		
A8	20H75A0403	BELLAMKONDA BULLI RAJA	**Mr. M. NAGESWARA RAO**	
	19H71A0411	PENDLI DURGA PRASAD		Face recognition based attendance management system using raspberry pi
	19H71A0423	BADITHA NAGENDRA BABU		
	20H75A0408	KAKANI HEMANTH KUMAR		
A9	19H71A0435	RAJU GOLLAMANDALA	**Mrs. T. SRIDEVI**	
	19H71A0443	SEEMA AFREEN KHAN		Leaf Disease Detection And Automatic Pesticide Spraying Control Robot Using Raspberry Pi
	19H71A0455	MOORABOINA VENKATA VIJAY		
	19H71A0434	TUNGALA RAJA		
A10	19H71A0433	VADDADI RAJA RAJESWARI	**Mr. K. VEENANAND**	
	19H71A0454	DODDA VENKATA SUSHMA		Visibility detection based on the Recognition of the Preceding Vehicles under Foggy Weather
	19H71A0409	SHAIK DAVOOD IBRAHIM		
	19H71A0444	SHAIK SHABUL		
A11	19H71A0414	BANDARI JASWANTH	**Mr. CH. LAKSHMANA**	
	19H71A0402	GADDE ASRITHA		wireless Healthcare Sensing & Monitoring System for Medical Communication In IOT
	19H71A0422	POTHINA MOHAN BABU		
A12	20H75A0411	NALLAGANGULA LAKSHMI DURGA	**Mr. T. VIJAYA KANTH**	
	19H71A0428	KONAGALA PAVANI		Smart Bin for Waste Management System
	19H71A0452	PULI VENKATA SAI KARTHIK		
	20H75A0404	CHARAN PASUPULETI		
A13	19H71A0442	KUNDA SARATH	**Mr. G. KIRAN KUMAR**	
	19H71A0426	TALLAPUREDDY NAVYA SREE		LoRa based purification for irrigation
	19H71A0412	BANDARU GOWTHAM SAI		
	19H71A0410	ANDRAJU DURGA PRASAD		
A14	19H71A0424	KANDIMALLA NAVEEN	**Dr. P. RAJANI KUMARI**	
	19H71A0451	EARLA VENKATA SAGAR		IoT Based Surveillance System for children stuck inside the car ,monitoring and controlling system
	19H71A0457	NAKKA YAGNESWARA REDDY		
A15	19H71A0407	PULLAMSETTY BHAVYASRI	**Mr. T. NARENDRA**	
	19H71A0427	CHINTALA NEHITHA DEVI		Smart Approach for E-health Montoring System
	20H75A0402	GORANTLA ANAND SAI KUMAR		
A16	19H71A0456	PATNALA VENKATESH	**Mrs. K. MANASA LAKSHMI**	
	19H71A0408	SYAMALA BRAHMA REDDY		Gas Leakage Detection and Alerting System Using Arduino Uno
A17	19H71A0429	AMPOLU POOJITHA	**Mrs. B. RAJYA LAKSHMI**	

	19H71A0432	AMARLAPUDI PRAVEEN KUMAR		
	19H71A0473	AMMINENI JAHNAVI		ARDUINO BASED 2D CNC PLOTTER
	19H71A0481	SHAIK NAGULMEERA		
	19H71A0458	SAYYAD ABDULLA	Mr. G. V. P. CHANDRA SEKHAR YADAV	
B1	19H71A0483	THOTA NAVEEN KUMAR		
	19H71A0492	KONDAPALLI RAMYA		Face spoof detection using colour texture analysis
	19H71A0472	VATAPALLI HIMA THRISHA	Mr. S. RAMAKOTESWARA RAO	
B2	19H71A0495	VEMULA SAI HARSHITHA		
	19H71A0469	TUMMALA HEMASRI		An Aqua Culture Monitoring System Using IOT
	20H75A0414	KALLEPALLI LIKITHA		
	19H71A0466	KURMALA DHANVANTAR B DATTA KUMAR		
B3	19H71A0490	KONDAVEETI RAM SAI KUMAR	Mr. D. RAKESH	
	19H71A0470	KUCHU HENA SANNUTHI		Underground Mine Air Quality Pollution Monitoring System Based on IOT Technology
	19H71A04A7	MUNGARA SYAM PAVAN		
	19H71A0468	BATTULA HARISH		
B4	19H71A04B2	KOMATI VANAJA LAKSHMI	Mr. M. SAI GANESH	
	19H71A04B6	MALLISETTI AKHILA		
	19H71A04F1	ANAPALA SAI TEJESWARA REDDY		
	19H71A0416	SINGAMSETTY KUMAR VARDHAN	Dr. K. MICHAEL ANGELO	
B5				
	19H71A0471	CHAMARTHI HIMA SREE		
	19H71A0462	SHAIK ARSHIYA		Emergency Management and Accident Reporting System Using IoT
	20H75A0416	MEGHANA BURADAGUNTA		
B6	19H71A0480	MOHAMAD MUSTAFFA KHAN	Ms S. NAGA LAKHSMI	
	19H71A0476	SARIPALLI LAHARI		
	20H75A0412	BANTUPILLI LAKSHMI PRIYANKA		Low Light Image Signal Processing Net With Two Stage Network
	19H71A0486	BONAM PRASANTH RAJU		
B7	19H71A04B0	CHILAPARAPU VAMSI	Dr. CH. PULLARAO	
	19H71A0475	JAVVADI KAVYA SRI		
	20H75A0415	TUPAKULA MAHESH		Smart room - A gesture controlled technology
	19H71A04A2	MUDAGANI SRIDHAR		
B8	19H71A0494	CHENNAPRAGADA SADHANA	Mr. B.R.K. SINGH	
	19H71A0460	CHEPURI ADITYA SAI AKHIL		
	19H71A0467	SIVARATRI GAYATRI		IoT Based Water Management system
B9	20H75A0417	KANDULA NAVEEN KUMAR	Dr. B. PRAGATHI	

	19H71A0464	AREPALLI BHAVANA RANI		
	19H71A0484	JAKKEPALLI NIKHILA SRI	Dr. P. RAJANI KUMARI	
	19H71A04A8	TUMMALAGUNTA TANMAI PRIYA		Vehicle to Vehicle Communication Using Li-Fi Technology
	19H71A0499	CHILLAPALLI SIVARAMAKRISHNA		
B10	19H71A0496	CHALAMALA SAI TEJA		
	19H71A04A1	ALLADA SRI NAGA SOWJANYA	Dr. K. MICHAEL ANGELO	
	19H71A04B3	VIPPARLA VANI		
B11	20H75A0426	LAGADAPATI UDAY BHASKAR		
	19H71A04B4	VADDE VARSHA SRI	Mr. M. ANIL KUMAR	
	19H71A04A3	DANDA SRIKANTH REDDY		A Real-time school bus tracking and monitoring system
	19H71A0487	BONAM PRAVEEN REDDY		
B12	19H71A0489	BATTULA RAJA		
	19H71A04A0	TEJA SOMANATH SAHU	Mrs. G. ANANTHA LAKSHMI	
	20H75A0413	VOLLU LAVANYA		Smart Cap: An IoT based Assistant for visually impaired people
	19H71A04B1	KARRA VAMSI		
B13	19H71A0465	VANKALAPATI DEEPAK		
	19H71A04A5	DABBURI SWAPNA	Mr. M. NAGESWARA RAO	
	19H71A0461	KUPPAKULA ANITHA		Pelican Optimization Algorithm -Based Cluster Head Selection For WSNs
	19H71A0482	VUNTA NARASIMHULU		
B14	19H71A0459	MOHAMMED ABEED		
	19H71A04A9	MEKA TEJASWINI	Mrs. T. SRIDEVI	Woman Safety Device using Node MCU
	19H71A0463	POLAVARAPU BHAGAVAN NARAYANA		
	19H71A0488	YEPURI PRUDHVI		
B15	19H71A0477	VUNNAM LIKHITHA		
	19H71A0493	KALAVALA RITHEESH REDDY	Mr. K. VEENANAND	" POWER SHOE: PIEZOELECTRIC WIRELESS POWER TRANSFER - A MOBILE CHARGING TECHNIQUE"
	19H71A0497	KUPPALA SAMHITHA		
	19H71A0491	GARMIDI RAMYA		
B16	19H71A0478	KAMA MAHESH		
	19H71A04E6	SHAIK RUKSANA	Mr. CH. LAKSHMANA	IOT based pregnant women health care monitoring system for prenatal care
	19H71A04F2	SHAIK SAMEERA SUHEL		
	19H71A04D1	KANKIPATI L A S SATHWIKA		
C1	19H71A04D6	DUDDE MELONICA		
	19H71A04E7	BANDLA SAHITHI	Mr. T. VIJAYA KANTH	An IOT-Based Automatic Luminosity and Soil Moisture Control System for Potting Shed
	19H71A04B5	GADDE AKANKSHA		
C2	19H71A04G1	CHILAKA VENKATA SRI HARSHA		
C3	19H71A04F4	BOYINA SOWJANYA	Mr. G. KIRAN KUMAR	Autonomous Delivery Robot

	19H71A04C9	GUDDURU KEERTHI		
	19H71A04D0	MADDURU KOTESWARAMMA		
	20H75A0425	PATAPANCHULA TRINADH		
				Prevalence and Early detection of diabetes using machine learning
	19H71A04E8	VEMPATI SAI KRISHNA		
	19H71A04G3	KURITI VENU		
C4	19H71A04F7	MUNDRU TIRUMALA RAO	Mr. M. ANIL KUMAR	
	19H71A04D8	PURAMSETTY NAGA HARSHITHA		
				An IoT Based Coal Mine Safety and Health Monitoring System using LoRaWAN
	19H71A04G5	PALLANTI YESASWANI		
C5	19H71A04C4	HANI PRIYA MANDRU	Mr. T. NARENDRA	
	20H75A0423	NUTHALAPATI SHARATH CHAND		
				E- Notice Board (ENB) for the faculty community
	19H71A04E2	GUDIPUDI PRAVALLIKA		
	19H71A04B7	SHAIK AMEER HAMZA	Mrs. K. MANASA LAKSHMI	
C6	19H71A04D5	BOLEM MANI KANTA		
	19H71A04F6	UPPULURU SURENDRA BABU		
				Line following robot with obstacle avoidance
	19H71A04D2	NEPPALLI LAKSHMI SAI RAMYA		
	19H71A04B8	SHALIKA ANILKUMAR	Mrs. B. RAJYA LAKSHMI	
C7	19H71A04C5	GALAM HARISH		
	20H75A0421	TOLU ROHINI CHOWDARY		
				Development of speaking system for muted people using hand gestures
	19H71A04C0	KALYANAPU CHARISHMA		
	19H71A04F0	MADDALA SAI SRINIVAS	Mr. G. V. P. CHANDRA SEKHAR YADAV	
C8	19H71A04E4	KALVA RAMYA		
	19H71A0485	CHILAKA NOVAHU		Design and Implementation of Autonomous lawn Mower Robotic Controller
	19H71A04C3	NAGOTHI GIRIDHAR		
	19H71A04E3	MANDADI RAMAKRISHNA	Mr. S. RAMAKOTESWARA RAO	
C9	19H71A04C1	KARUPATI DHARANI		
	19H71A04D7	GUDIVADA N S S M RANGA NANDHITHA		
				Early detection and prevention of cervical cancer
	19H71A04F9	RACHAKONDA VANAJA		
	20H75A0419	SEELAM PRAVALLIKA		
C10	19H71A04G2	MADDINENI VENKATESWARLU	Mr. D. RAKESH	
	19H71A04G6	GAMPA YUVA KIRAN		
				IOT Based Crop Protection System Against Birds and Wild Animal Attacks
	19H71A04B9	KATTA AVINASH SEKHAR		
	19H71A04C8	CHODAVARAPU KALYAN KUMAR		
C11	19H71A04G4	MANDALI YASHWANTH	Mr. M. SAI GANESH	

	20H75A0410	KAVYA APPALABHAKTULA		
			Mrs. G. ANANTHA LAKSHMI	Arduino Based ultrasonic map maker
	19H71A04C7	MADDI JYOTHI SRIVALLI		
	19H71A04E0	ANUMOLU NAVEEN SAI		
C12	20H75A0424	MAHANTHA SONIYA		
	19H71A04E9	BOJJA SAI SANDEEP		
			Ms. S. NAGA LAKHSMI	IOT based baby monitoring system
	20H75A0420	MAKKALLA RAMYA		
	19H71A04E1	AMMULURI NISHANTH		
C13	19H71A04E5	MOHITHE ROHAN		
	19H71A04D4	MUCHU MAHESH		
			Dr. CH. PULLARAO	Named Entity Recognition using Natural Language Processing
	19H71A04D9	YARRAGUNTA NARMADA		
	19H71A04C2	TANKASALA DURGA PRASAD		
	20H75A0427	BOINAPALLY UMESH CHAND		
C14	19H71A04F3	MESAPAM SANJAY KUMAR		
	18H71A04F8	SHAIK SAMAD ABHISHEK		
	19H71A04F5	PANCHAKARLA SURAJ KUMAR	Mr. B.R.K. SINGH	An IoT enabled voice controlled robot through android
	19H71A04F8	ANANTHA VAMSI		
	20H75A0422	APPANA SAI TEJA		
C15	18H71A04G3	GUDIMETLA SIVA GANESH		
	20H75A0418	SYED NUSRAT JABEEN	Dr. B. PRAGATHI	IoT based indoor Hydroponics System
	19H71A04G7	SHAIK ZUBER AHMED		
	20H75A0428	VEMULA VEERA BABU		
C16	18H71A04H5	AVULA VAMSI KRISHNA		

Signature of Coordinator

Dr.K.Michael Angelo

Signature of HoD

(Dr.Ch.Pulla Rao)

VEHICLE TO VEHICLE COMMUNICATION USING Li-Fi TECHNOLOGY

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

J. Nikhila sri (19H71A0484)

Ch. S. R. Krishna (19H71A0499)

T. Tanmai Priya (19H71A04A8)

Ch. Sai Teja (19H71A0496)

Under the Esteemed Guidance of

Dr. P. Rajani Kumari, M. Tech, Ph. D
Associate Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla-- 521180, NTR Dist., Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled **Vehicle to Vehicle Communication Using Li-Fi Technology** submitted by **J. Nikhila Sri (19H71A0484), T. Tanmai Priya (19H71A04A8), CH. S.R. Krishna (19H71A0499), CH. Sai Teja (19H71A0496)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

(Dr. P. Rajani Kumari)
Supervisor

(Dr. Ch. Pulla Rao)
Head of the Department

(Dr. T. Vamsee Kiran)
Principal

Internal Examiner

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

External Examiner

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180. NTR Dist., A.P. India.
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **"LoRa Based Purification for Irrigation"** submitted by **T. Navya Sree(19H71A0426), B. Gowtham Sai(19H71A0412), A. Durga Prasad(19H71A0410), K. Naveen(19H71A0424)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor 1/5/23

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273621, 9491457700, 7382168824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"LoRa Based Purification for Irrigation"** submitted by **T. Navya Sree(19H71A0426), B. Gowtham Sai(19H71A0412), A. Durga Prasad(19H71A0410), K. Naveen(19H71A0424)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor 1/5/23

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"IOT-Ready Energy-Autonomous Parking Sensor Device"

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics and Communication Engineering

By

K. Srujana (19H71A0449)

S. Gopi Krishna (20H75A0407)

K. Mahith Sai (19H71A0420)

D. Sai Uday Kiran (19H71A0440)

Under the esteemed guidance of
Dr. P. RAJANI KUMARI, M.Tech, Ph.D
ASSOCIATE PROFESSOR

Department of Electronics and Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla– 521180, NTR Dist.,Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180. NTR Dist.. A.P. India.
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled **"IOT-Ready Energy-Autonomous Parking Sensor Device"** submitted by **K. Srujana (19H71A0449), K. Mahith Sai (19H71A0420), S. Gopi Krishna (20H75A0407), D. Sai Uday Kiran (19H71A0440)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor 28/4

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

NAMED ENTITY RECOGNITION FOR MACHINE LEARNING APPLICATION

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

Y. Narmada(19H71A04D9)

T. Durga prasad(19H71A04C2)

B. Umesh Chand(20H75A0427)

M. Sanjay Kumar(19H71A04F3)

Under the Esteemed Guidance of
Dr. Ch. Pulla Rao, M.tech, Ph.D
Head of the Department

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, 9491457709, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"NAMED ENTITY RECOGNITION FOR MACHINE LEARNING APPLICATION"** submitted by **Ms. Y. Narmada (19H71A04D9), Mr. T. Durga Prasad (19H71A04C2), Mr. B. Umesh Chand (20H75A0427), Mr. M. Sanjay Kumar (19H71A04F3),** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

LOW LIGHT IMAGE SIGNAL PROCESSING NET WITH TWO STAGE NETWORK

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

S. Lahari (19H71A0476) **B.Prasanth Raju (19H71A0486)**

B. Lakshmi Priyanka (20H75A0412) **CH. Vamsi (19H71A04B0)**

Under the Esteemed Guidance of
Dr. Ch. Pulla Rao, M. Tech, Ph. D
Head of Department

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, 9491457709, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Low Light Image Signal Processing Net With Two Stage Network"** submitted by **Ms. S. Lahari (19H71A0476), Ms. B. Lakshmi Priyanka (20H75A0412), Mr. B. Prasanth Raju (19H71A0486), Mr. CH. Vamsi (19H71A04B0)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor
(Dr. Ch. Pulla Rao)

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Head of the Department
(Dr. Ch. Pulla Rao)

Principal
(Dr. T. Vamsee Kiran)

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

29/4
Internal Examiner

External Examiner

IMAGE ENHANCEMENT AND IMAGE RESTORATION METHODS FOR UNDERWATER IMAGES

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

N. V. S. Pranathi (19H71A0453) **M. Sai Mahidar Tarun(19H71A0437)**

S. Poojitha Gayathri (19H71A0430) **T. Kalyan (20H75A0409)**

Under the Esteemed Guidance of
Dr. Ch. Pulla Rao, M. Tech, Ph. D
Head of Department

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457709, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Image Enhancement and Image Restoration Methods for Underwater Images"** submitted by **Ms. N. V. S. Pranathi (19H71A0453), Mr .M. Sai Mahidar Tarun(19H71A0437), Ms. S. Poojitha Gayathri (19H71A0430), Mr. T. Kalyan (20H75A0409)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

PELICAN OPTIMIZATION ALGORITHM BASED CLUSTERHEAD SELECTION FOR WSNs

A Project Report

Submitted In partial fulfillment of the

Requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Electronics and Communication Engineering

By

D. Swapna (19H71A4A5)

K. Anitha(19H71A0461)

V. Narasimhulu (19H71A0482)

Under the esteemed guidance of

Mr. M. NAGESWARARAO.,M.Tech(Ph.D)

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180,NTRDist,AndhraPradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE,ECE,EEE,ME)
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled " **Pelican Optimization Algorithm Based Cluster Head Selection For WSNs**" submitted to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology In **Electronics and Communication Engineering** is a bonafide record of work carried out by **D. Swapna (19H71A04A5), K. Anitha (19H71A0461), V. Narasimhulu (19H71A0482),** under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

InternalExaminer

ExternalExaminer

MULTILEVEL THRESHOLDING FOR IMAGE SEGMENTATION USING HYBRID OPTIMIZATION ALGORITHM

A Project report
Submitted in partial fulfillment of the
Requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

N. Sravani(19H71A0445)

T. Kumari(19H71A0417)

J. Srikanth(19H71A0448)

B. Bulli Raja(20H75A0403)

Under the esteemed guidance of

Mr. M. Nageswararao., M. Tech (Ph.D)

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **Multilevel Thresholding for Image Segmentation using Hybrid Optimization Algorithm** submitted by **Ms. N. Sravani (19H71A0445), Mr. J. Srikanth (19H71A0448), Ms. T. Kumari (19H71A0417), Mr. B. BulliRaja (20H75A0403)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in Electronics and Communication Engineering is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY * Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

IoT BASED INDOOR HYDROPONIC SYSTEM

A Project Report Submitted In partial fulfillment of the requirements for the award of the Degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

Syed Nusrat Jabeen	**(20H75A0418)**
Shaik Zuber Ahmed	**(19H75A04G7)**
A.Vamsi Krishna	**(18H71A04H5)**

Under the esteemed guidance of

Dr. B. Pragathi, M.Tech, Ph.D

Associate Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR &Dr.HS

MIC College of Technology
(Autonomous)
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)Kanchikacherla - 521180, NTR Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
NAAC
With 'A' Grade

CERTIFICATE

This is to certify that the project report entitled **IoT BASED INDOOR HYDROPONIC SYSTEM** submitted by **Syed Nusrat Jabeen(20H75A0418), Shaik Zuber Ahmed(19H75A04G7), A.Vamsi Krishna(18H71A04H5)** to the DVR&Dr.HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and communication Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

IoT-Based Water Management Systems

A Project Report
submitted in partial fulfillments of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

CH.Aditya Sai Akhil (19H71A0460) **S.Gayatri(19H71A0467)**

K.Naveen Kumar(20H75A0417) **A.BhavanaRani(19H71A0464)**

Under the Esteemed guidance of
Dr.B.Pragathi,M.Tech,Ph.D
Associate Professor

Department of Electronics & Communication Engineering

DVR & Dr.HS

MIC College of Technology
(Autonomous)
Kanchikacherla-521180,NTR Dist,Andhra Pradesh

April,2023

DVR & Dr. HS

MIC College of Technology

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist., A.P., India

NBA Accredited

CERTIFICATE

This is to certify that the project report entitled **"IoT Based Water Management System"** submitted by **CH.Aditya Sai Akhil (19H71A0460), S.Gayatri (19H71A0467), K.Naveen Kumar (20H75A0417), A.Bhavana Rani (19H71A0464)**to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273333

Supervisor

(Dr.B.Pragathi)

Head of the Department

(Dr.CH.PULLA RAO)

Principal

(Dr.T.Vamsee Kiran)

29/4

Internal Examiner

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

External Examiner

A SMART AUTONOMOUS FLOOR CLEANING ROBOT WITH AN ANDRIOD BASED CONTROLLER

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In
Electronics & Communication Engineering

By

A. Bhargavi (19H71A0405)

K. Bhargavi(19H71A0406)

N. Bhanu Prakash (19H71A0404)

K. Krishna Kanth (19H71A0415)

Under the Esteemed Guidance of
Dr. B. Pragathi, M. Tech, Ph. D
Associate Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, 9491457709, 7382616823
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"A Smart Autonomous Floor Cleaning Robot With An Android Based Controller"** submitted by **Ms. A. Bhargavi(19H71A0405), Ms .K. Bhargavi(19H71A0406), Mr . N. Bhanu Prakash (19H71A0404), Mr. K. Krishna Kanth (19H71A0415)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

IoT BASED SURVEILLANCE AND MONITORING SYSTEM FOR CHILD STUCK INSIDE THE CAR

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In
Electronics & Communication Engineering

By

E.Venkata Sagar (19H71A0451)
P.Bhavya Sri (19H71A0407)
N.Yagneswara Reddy (19H71A0457)

Under the Esteemed Guidance of
T.Narendra kumar M.Tech, M.I.S.T.E.,
Assistant professor

Department of Electronics and Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"IoT Based Surveillance and Monitoring System for Child Stuck Inside the Car"** submitted by **E.Venkata sagar (19H71A0451), P.Bhavya Sri (19H71A0407), N. Yagneswara Reddy (19H71A0457)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

P. Narendra Kumar
Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"AN IoT BASED COAL MINE SAFETY AND MONITORING SYSTEM USING LORAWAN"

Project Report Submitted In partial fulfillment of the requirements

for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

ELECTRONICS AND COMMUNICATIONS ENGINEERING

By

P.Yesaswini	**(19H71A04G5)**
M.Hani Priya	**(19H71A04C4)**
N.Sarath Chand	**(20H75A0423)**

Under the esteemed guidance of

Mr.T.Narendra Kumar,M.Tech.M.I.S.T.E.,

Assistant Professor

Department of Electronics And Communication Engineering

DVR&Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist,Andhra Pradesh

April,2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE | ECE | ME)
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **An IoT Based Coal Mine Safety And Monitoring System Using LORAWAN** submitted by **Ms.P.Yesaswini(19H71A04G5), Ms.M.Hani priya(19H71A04C4), Mr.N.Sarath chand(20H75A0423)** to the DVR&Dr.HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communications Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

T. Narendra Kumar
(Mr.T. Narendra kumar)
Supervisor

(Dr.CH. Pullarao)
Head of the Department

(Dr.T Vamsee Kiran)
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

A Real-time School Bus Tracking and Monitoring System

A Project Report
submitted in partial fulfillments of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

V. Varsha Sri (19H71A04B4) **D. Srikanth Reddy(19H71A04A3)**

B. Praveen Reddy(19H71A0487) **B. Raja(19H71A0489)**

Under the Esteemed guidance of
Mr. M. Anil Kumar, M.Tech, (Ph.D)
Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr.HS

MIC College of Technology
(Autonomous)
Kanchikacherla-521180,NTR Dist,Andhra Pradesh

April,2023

CERTIFICATE

This is to certify that the project report entitled **"A Real-time School bus Tracking and Monitoring System"** submitted by **V.Varsha Sri (19H71A04B4), D. Srikanth Reddy (19H71A04A3), B. Praveen Kumar (19H71A0487), B. Raja (19H71A0489)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor 28/4/2023

(Mr.M. Anil Kumar)

Head of the Department

(Dr.CH.PULLA RAO)

Principal

(Dr.T.Vamsee Kiran)

Internal Examiner 29/4

DVR & Dr. HS MIC College of Technology
PRINCIPAL
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

External Examiner

AUTOMATIC PILL REMINDER AND DISPENSER

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

R. Sai Tanuja (19H71A0439)

J. Adi Surya (20H75A0401)

P. Durga Rao (20H75A0405)

Sk. Saidha Gopi (19H71A0441)

Under the Esteemed Guidance of
Mr. M. Anil Kumar, M. Tech(Ph. D)
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273621, 9491457700, 7382618824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Automatic Pill reminder and Dispenser"** submitted by **Ms. R. Sai Tanuja(19H71A0439), Mr.J.Adi Surya (20H75A0401), Mr. P. Durga Rao (20H75A0405), Mr. Sk. Saidha Gopi (19H71A0441)** to the DVR & Dr HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

01/05/23

(Mr.M.Anil Kumar)
Project Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

(Dr. CH. Pulla Rao)
Head of the Department

(Dr.T.Vamsee Kiran)
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

SPEAKING SYSTEM FOR MUTE PEOPLE USING HAND GESTURE

A Project Report

Submitted In partial fulfillment of the

requirementsfor the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Electronics and Communication Engineering

By

G. Likitha (19H71A0419)

M.S.L.Sai Nohitha (19H71A0447)

N.Naveen (19H71A0425)

M.PrabhuKoti Varma (19H71A0431)

Under the esteemed guidance of

Mrs. G. ANANTHA LAKSHMI(M.Tech)

Assistant Professor

Department of Electronic and Communicaton Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P. India

NBA-Accredited

CERTIFICATE

This is to certify that the project report entitled "**Speaking System For Mute People Using Hand Gesture** " submitted by **G.Likitha (19H71A0419), M.S.L.Sai Nohitha (19H71A0447), N.Naveen (19H71A0425), M.PrabhuKoti Varma (19H71A0431)** to the DVR & Dr.HS MIC College of Technology, Kanchikacherla inpartial fulfillment of the requirements for the award of the Degree Bachelor of Technology In **Electronics and Communication Engineering** is a bonafide record of work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for theaward of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

SMART CAP : AN IoT BASED ASSISTANT FOR VISUALLY IMPAIRED PEOPLE

A Project Report
submitted in partial fulfillments of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

Teja Somanath Sahu (19H71A04A0)

V.Lavanya (20H75A0413)

K.Vamsi (19H71A04B1)

V.Deepak (19H71A0465)

Under the Esteemed guidance of
Mrs. G. Anantha Lakshmi, M.Tech,
Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)
Kanchikacherla-521180,NTR Dist,Andhra Pradesh

April,2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project entitled **"SMART CAP: An IoT BASED ASSISTANT FOR VISUALLY IMPAIRED PEOPLE"** submitted by **Mr. Teja Somanath Sahu (19H71A04A0),Ms.V.Lavanya(20H75A0413), Mr.K.Vamsi (19H71A04B1), Mr.V.Deepak (19H71A0465)** to the DVR & Dr. HS MICCollege of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

G.A. Lakshmi

Supervisor

(Mrs. G.Anantha Lakshmi)

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Ch. Pulla Rao

Head of the Department

(Dr. Ch. Pulla Rao)

Principal

(Dr. T. Vamsee Kiran)

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Ch. Pulla Rao 29/4

Internal Examiner

External Examiner

IOT BASED CROP PROTECTION SYSTEM FROM ANIMALS

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

In

ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by

K. Avinash Sekhar (19H71A04B9) **CH. Kalyan Kumar(19H71A04C8)**

M.Yashwanth (19H71A04G4) **A. Kavya (20H75A0410)**

Under the esteemed guidance of

Mr. M. SAI GANESH, M.Tech

ASSISTANT PROFESSOR

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project entitled **"IOT BASED CROP PROTECTION SYSTEM FROM ANIMALS "** submitted by **K.Avinash Sekhar(19H71A04B9), CH.Kalyan Kumar(19H71A04C8), M. Yashwanth(19H71A04G4), A. Kavya(20H75A0410)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** of is a bonafide record of work carried out by them under our guidance and supervision. The contents of this report, in full or inparts, have not been submitted to any other Institute for the award of any Degree.

M. Ramesh
Project Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Examiner 1

Examiner 2

UNDERGROUND MINE AIR QUALITY POLLUTION MONITORING SYSTEM BASED ON IOT TECHNOLOGY

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology
In

Electronics & Communication Engineering

by

K. Hena Sannuthi (19H71A0470)
B. Harish (19H71A0468)
M. Syam Pavan(19H71A04A7)
K. Vanaja Lakshmi(19H71A04B2)

Under the Esteemed Guidance of
Mr. M. Sai Ganesh, M. Tech,
Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla-- 521180, NTR Dist., Andhra Pradesh

April 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P. India

CERTIFICATE

This is to certify that the project report entitled **UNDERGROUND MINE AIR QUALITY POLLUTION MONITORING SYSTEM BASED ON IOT TECHNOLOGY** submitted by **K.Hena Sannuthi(19H71A0470), M. SyamPavan (19H71A04A7), B. Harish(19H71A0468), K. Vanaja Lakshmi(19H71A04B2)** to the DVR&Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner 29/4

External Examiner

DESIGN & DEVELOPMENT OF HUMAN FOLLOWING ROBOT

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In
Electronics & Communication Engineering

By

M. Sai Ramya Sri (19H71A0438)

P. Supraja(19H71A0450)

D. Harika Bhavani (19H71A0413)

M. Reshma(19H71A0436)

Under the Esteemed Guidance of
Dr. K. Michael Angelo, M. Tech, Ph. D
Associate Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Design and Development of Human-Following Robot"** submitted by **Ms. M. Sai Ramya Sri (19H71A0438), Ms. P. Supraja (19H71A0450), Ms. D. Harika Bhavani(19H71A0413), Ms. M. Reshma(19H71A0436)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"ARDUINO BASED ULTRASONIC MAP MAKER"

A project report
Submitted in partial fulfilment of the
Requirements for the award of the degree of

Bachelor of Technology

In

Electronic & Communication Engineering

By

M. Jyothi Srivalli	**(19H71A04C7)**
A. Naveensai	**(19H71A04E0)**
M. Soniya	**(20H75A0424)**
B. Sai Sandeep	**(19H71A04E9)**

Under the Esteemed Guidance of

Mrs. G. Anantha Lakshmi, M.Tech.,

Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P, India

CERTIFICATE

This is to certify that the project report entitled **"ARDUINO BASED ULTRASONIC MAP MAKER"** submitted by **M. Jyothi Srivalli (19H71A04C7), A. Naveensai (19H71A04E0), M. Soniya (20H75A0424), B. Sai Sandeep (19H71A04E9)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in Electronic & Communication Engineering is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

(G. Anantha Lakshmi)
Supervisor

(Dr. CH. Pulla Rao)
Head of the Department

(Dr.T.Vamsee Kiran)
Principal

Internal Examiner

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

External Examiner

"Prevalence and Early Prediction of Diabetes Using Machine Learning"

A Project Report

Submitted In partial fulfillment

of the requirements for the award of the Degree of

Bachelor of Technology

In

Electronics and Communication Engineering

By

V. Sai Krishna
(19H71A04E8)

K. Venu
(19H71A04G3)

M. Tirumala Rao
(19H71A04F7)

P. Harshitha
(19H71A04D8)

Under the esteemed guidance of

Mr. M. Anil Kumar, M.Tech(p.h.d)

ASSISTANT PROFESSOR

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled **"Prevalence and Early Prediction of Diabetes Using Machine Learning"** submitted by **V.SaiKrishna(19H71A04E8), K.Venu(19H71A04G3),M.TirumalaRao(19H71A04F7), P.Harshitha(19H71A04D8)** to the DVR & Dr .HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronic and Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

(M. Anil Kumar) 28/4/2023

Supervisor

(CH. Pulla Rao)

Head of the Department

Principal

(Dr.T.Vamsee Kiran)

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Smart Wi-Fi Based Door Bell Circuit Development for Homes

A Project Report Submitted In partial fulfillment of the requirements

for the award of the Degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

M. Akhila	**(19H71A04B6)**
A. Sai Tejeswara Reddy	**(19H71A04F1)**
S. Kumar Vardhan	**(19H71A0416)**

Under the esteemed guidance of

Dr. K. Michael Angelo, M. Tech, PhD

Associate Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology
(Autonomous)
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada) Kanchikacherla - 521180, NTR Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE | ECE | ME)
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **"Smart Wi-Fi Based Door Bell Circuit Development for Homes"** submitted by **Ms. M. Akhila (19H71A04B6), Mr. A. Sai Tejeswara Reddy (19H71A04F1),Mr. S. Kumar Vardhan (19H71A0416)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner 29/4

External Examiner

"DEVELOPMENT OF A SMART ELECTRICITY METRE FOR HOUSE HOLDS BASED ON EXISTING INFRASTRUCTURE"

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

A.Sowjanya(19H71A04A1) **V.Vani(19H71A04B3)**

L.UdayBhaskar(20H75A0426)

Under the Esteemed Guidance of

Dr. K. Michael Angelo, M.Tech, PhD
Associate Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr .HS

MIC College of Technology
(Autonomous)
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)Kanchikacherla - 521180, NTR Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE|ECE|ME)
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **"Developement of A Smart Electricity Meter For House Holding Based on Existing Infrastructure"** submitted by **A.Sowjanya (19H71A04A1), V.Vani (19H71A04B3), L.Uday Bhaskar (20H75A0426)** DVR & Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273633

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

29/4

Internal Examiner

External Examiner

IOT BASED BABY MONITORING SYSTEM

A Project Report

Submitted In partial fulfillment of the

requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

Electronics & Communication Engineering

Submitted by

M.Ramya(20H75A0420)

M.Rohan(19H71A04E5)

A.Nishanth(19H71A04E1)

M.Mahesh(19H71A04D4)

Under the Esteemed guidance of

Ms. S. NAGALAKSHMI, M.Tech

Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India.

AUTONOMOUS
NBA-Accredited
B.Tech (CSE (ICE) ME)
NAAC A
With Grade

CERTIFICATE

This is to certify that the project report entitled **"IOT BASED BABY MONITORING SYSTEM"** Submitted by **M.Ramya (20H75A0420), A.Nishanth (19H71A04E1), M.Rohan (19H71A04E5), M.Mahesh (19H71A04D4)** to the DVR & Dr.HS MIC College of Technology, in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor
(Ms.S.Naga Lakshmi)

Head of the department
(Dr.CH.Pulla Rao)

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

EMERGENCY MANAGEMENT AND ACCIDENT REPORTING SYSTEM USING IoT

A Project Report
submitted in partial fulfillments of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

CH.Himasree (19H71A0471)

Sk.Arshiya(19H71A0462)

B.Meghana(20H75A0416)

Md.Mustaffakhan(19H71A0480)

Under the Esteemed guidance of
Ms. S. Nagalakshmi, M.Tech,
Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180,NTR Dist,Andhra Pradesh

April,2023

CERTIFICATE

This is to certify that the project entitled "**Emergency Management and Accident Reporting system using IoT**" submitted by **CH. Himasree(19H71A0471), Sk. Arshiya(19H71A0462), B. Meghana(20H75A0416), Md. Mustaffa Khan(19H71A0480)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

S. Nagalakshmi

Supervisor

(Ms. S. Naga Lakshmi)

Head of the Department

(Dr. CH. Pulla Rao)

Principal

(Dr. T. Vamsee Kiran)

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"EARLY DETECTION AND PREVENTION OF CERVICAL CANCER"

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

R. Vanaja (19H71A04F9)

M. Venkateswarlu (19H71A04G2)

S. Pravallika (20H75A0419)

G. Yuvakiran (19H71A04G6)

Under the Esteemed Guidance of
Mr. D. Rakesh, M.Tech
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist., A.P., India

NBA Accredited

CERTIFICATE

This is to certify that the project report entitled **"EARLY DETECTION AND PREVENTION OF CARVICAL CANCER"** submitted by **R. Vanaja (19H71A04F9), S. Pravallika (20H75A0419), M. Venkateswarlu (19H71A04G2), G. Yuvakiran (19H71A04G6)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

AN AQUACULTURE MONITORING SYSTEM USING IoT

A Project Report
submitted in partial fulfillments of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

T.Hemasri (19H71A0469)

K.Likitha(20H75A0414)

K.Dhanvantar(19H71A0466)

K.Ramsai Kumar (19H71A0490)

Under the Esteemed guidance of
Mr. D. Rakesh, M.Tech,
Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180,NTR Dist,Andhra Pradesh

April,2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, 9491857700, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project entitled **"AN AQUACULTURE MONITORING SYSTEM USING IoT"** submitted by **Ms.T. Hemasri (19H71A0469), Ms.K.Likitha(20H75A0414), Mr.K.Dhanvantar (19H71A0466), Mr.K.Ramsai Kumar (19H71A0490)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

D. Rakesh

Supervisor

(Mr.D.Rakesh)

DVR & Dr. HS MIC COLLEGE OF TECH. Kanchikacherla Ph: 521180

Head of the Department

(Dr. Ch. Pulla Rao)

Principal

(Dr. T. Vamsee Kiran)

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

29/4

Internal Examiner

External Examiner

VISIBILITY DETECTION BASED ON THE RECOGNITION OF THE PRECEDING VEHICLES UNDER FOGGY WEATHER

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

D.V. Sushma(19H71A0454)

Sk. Davood Ibrahim(19H71A0409)

Sk. Shabul(19H71A0444)

B. Jaswanth(19H71A0414)

Under the Esteemed Guidance of
Mr. Ch. Lakshmana, M. Tech
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457700, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Visibility Detection Based on the Recognition of the Preceding Vehicles Under Foggy Weather"** submitted by **Ms. D. V. Sushma (19H71A0454), Mr. Sk. Davood Ibrahim (19H71A0409), Ms. Sk. Shabul (19H71A0444), Mr. B. Jaswanth (19H71A0414)** to the DVR &Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"IoT BASED PREGNANT WOMEN HEALTH MONITORING SYSTEM FOR PRENATAL CARE"

Project Report Submitted In partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY
IN
ELECTRONICS & COMMUNICATION ENGINEERING

by

Shaik. Ruksana
(19H71A04E6)

Shaik. Sameera Suhel
(19H71A04F2)

K. L. A. S. Sathwika
(19H71A04D1)

D. Melonica
(19H71A04D6)

Under the Esteemed Guidance of

Mr.Ch. Lakshmana, M.Tech,

Assistant Professor

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DVR & Dr. HS

MIC College of Technology

Autonomous

Kanchikacherla - 521180, NTR Dist, Andhra Pradesh India.

April, 2023

DVR & Dr. HS

MIC College of Technology

Autonomous

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)Kanchikacherla - 521180, NTR Dist., A.P, India.
Phone: 08678 - 273535, 273623, Fax: 08678 - 273569
E mail: dvrhsmic@mictech.ac.in, Website: www.mictech.ac.in

2022-2023

Certificate

This is to certify that the internship entitled **"IoT Based Pregnant Women Health Care Monitoring System For Prenatal Care"** submitted by **Ms. Shaik. Ruksana (19H71A04E6), Ms. Shaik. Sameera Suhel (19H71A04F2), Ms. K. L. A. S. Sathwika (19H71A04D1) and Ms. D. Melonica (19H75A04D6)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requitements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

(Mr. CH. Lakshmana)

Supervisor

(Dr. CH. Pullarao)

Head of the Department

(Dr. T. Vamsee Kiran)

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"SMART ROOM- A GESTURE CONTROLLED TECHNOLOGY"

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology
In
Electronics & Communication Engineering

By

J. Kavya Sri (19H71A0475)

T. Mahesh (20H75A0415)

M. Sridhar (19H71A04A2)

CH. Sadhana(19H71A0494)

Under the Esteemed Guidance of
Mr. B. Radha Krishna Singh, M.Tech, MIE
Associate Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April,2023

Devineni Venkata Ramana & Dr. Hima Sekhar

MIC College of Technology

(Approved by AICTE & Permanently
Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, Fax: 08678 - 273569
E mail: dvrhsmic@mictech.ac.in, Website: www.mictech.ac.in

2022-2023

CERTIFICATE

This is to certify that the project report entitled **"SMART ROOM - A GESTURE CONTROLLED TECHNOLOGY"** submitted by **J. Kavya Sri (19H71A0475), T. Mahesh (20H75A0415), M .Sridhar (19H71A04A2) , CH. Sadhana (19H71A0494)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work.The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

(Mr. B. Radha Krishna Singh)
Project Supervisor

(Dr. CH. Pulla Rao)
Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

29/4/23

Internal Examiner **External Examiner**

ARDUINO BASED SMART COLLEGE BUS AND STUDENT IDENTIFICATION USING RFID

A Project Report
submitted in partial fulfillment of the
Requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

T.Asritha (19H71A0403)

S.L.Madhuri (19H71A0418)

S.Abdul Jameer (19H71A0401)

N.Giribabu (20H75A0406)

Under the esteemed guidance of
Mr.B.Radha Krishna Singh, M.Tech, MIE
ASSOCIATE PROFESSOR

Department of Electronics & Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **ARDUINO BASED SMART COLLEGE BUS AND STUDENT IDENTIFICATION USING RFID** submitted by **T.Asritha (19H71A0403), S.L.Madhuri(19H71A0418), S.Abdul Jameer (19H71A0401), N.Giribabu (20H75A0406)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"AN IOT ENABLED VOICE CONTROLLED ROBOT THROUGH ANDROID"

A Project Report
Submitted in partial fulfillment of the
Requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

P.Suraj Kumar (19H71A04F5)
A. Vamsi (19H71A04F8)
A. Sai Teja (20H75A0422)
G. Siva Ganesh (18H71A04G3)

Under the Esteemed Guidance of

Mr. B. Radha Krishna Singh, M.Tech,MIE.,

Associate Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India
Phone: 08678 - 273535, 273623, 0491457709, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"An IoT enabled Voice Controlled Robot through Android"** submitted by **Mr. P. Suraj Kumar (19H71A04F5), Mr. A.Vamsi(19H71A04F8), Mr. A.SaiTeja (20H75A0422), Mr. G. Siva Ganesh (18H74A04G3)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

FACE RECOGNITION BASED ATTENDANCE MANAGEMENT SYSTEM USING RASPBERRY PI

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

P. Durgaprasad (19H71A0411)

B. Nagendra Babu (19H71A0423)

K. Hemanth Kumar (20H75A0408)

G. Raju (19H71A0435)

Under the Esteemed Guidance of
Mrs. T. Sridevi, M. Tech
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacharla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273621, 9801457700, 7382616823
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Face Recognition Based Attendance Management System Using Raspberry Pi**" submitted by **Mr. P. Durgaprasad (19H71A0411), Mr. B. Nagendra Babu (19H71A0423), Mr. K. Hemanth Kumar (20H75A0408), Mr. G. Raju (19H71A0435)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacharla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

"WOMEN SAFETY DEVICE USING NODEMCU"

A major project report submitted to
Jawaharlal Nehru Technological
University Kakinada in partial fulfillment for
the award of the degree of

BACHELOR OF TECHNOLOGY
in
ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by

M.Tejaswini(19H71A04A9)

P. Bhagavan Narayana (19H71A0463)

Y.Prudhvi (19H71A0488)

V.Likhitha (19H71A0477)

Under the Esteemed Guidance of

Mrs. T.Sridevi, M. Tech.

ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DVR & Dr. HS

MIC College of Technology

Autonomous

An ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, NTR Dist., A.P, India.
Phones: 08678 – 273535 / 94914 57799 / 73826 16824
E mail: officemictech@gmail.com, Website: www.mictech.edu.in

(2022-2023)

MIC College of Technology

Autonomous

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla-521180, NTR Dist, A.P, India

Phone: 08678-273535,273621, Fax: 08678-271680

Email: dvrhsmictech@gmail.com, Website: www.mictech.ac.in

(2022-2023)

CERTIFICATE

This is to certify that the project report entitled "**Women Safety Device Using NodeMCU**" submitted by **Tejaswini(19H71A04A9),P.BhagavanNarayana(19H71A0463),V.Prudhvi(19H71A0488),V.Likitha (19H71A0477)** to the DVR&Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of **Technology** in **Electronics and Communication Engineering** is a bonafide record of work carried out by him/her/ under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree

Project Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

29/4/23

Internal Examiner

External Examiner

DESIGN AND IMPLEMENTATION OF AUTONOMOUS LAWN MOWER ROBOTIC CONTROLLER

A Project Report Submitted In partial fulfillment of the requirements

for the award of the Degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

N.Giridhar (19H71A04C3) **M.Ramakrishna(19H71A04E3)**

K.Dharani(19H71A04C1) **G.N.S.S.M.Ranga Nandhitha(19H71A04D7)**

Under the esteemed guidance of

Mr. S. Ramakoteswara Rao, M. Tech, (PhD)

Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist,Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology
(Autonomous)
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada) Kanchikacherla - 521180,
NTR Dist, A.P, India

CERTIFICATE

This is to certify that the project entitled **"DESIGN AND IMPLEMENTATION OF AUTONOMOUS LAWN MOWER ROBOTIC CONTROLLER"** submitted by **N.Giridhar (19H71A04C3), M.Ramakrishna (19H71A04E3), K.Dharani (19H71A04C1), G.N.S.S.M. Ranga Nandhitha(19H71A04D7)** to the DVR & Dr.HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in Electronics and Communication Engineering of is a bonafide record of work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted toany other Institute for the award of any Degree.

Project Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Examiner 1

Examiner 2

Face Spoof Detection Using Color Texture Analysis Based On CNN

A Project Report

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

Bachelor of Technology

In

Electronics & Communication Engineering

by

K.Ramya (19H71A0492)
V.Himatrisha (19H71A0472)
V.SaiHarshitha (19H71A0495)

Under the Esteemed Guidance of

Mr.S.RAMAKOTESWARARAO, M.Tech, (Ph.D)
Assistant Professor

Department of Electronics & Communication Engineering

DVR &Dr .HS
MIC COLLEGE OF TECHNOLOGY
(Autonomous)

Kanchikacharla-- 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist., A.P. India

CERTIFICATE

This is to certify that the project report entitled **FACE SPOOF DETECTION USING COLOUR TEXTURE ANALYSIS BASED ON CNN submitted** by **K.Ramya(19H71A0492), V.Himatrisha(19H71A0472),V.Sai Harshitha (19H71A0495)**to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

29/4

Internal Examiner

External Examiner

SMART BIN FOR WASTE MANAGEMENT SYSTEM

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

K. Pavani (19H71A0428)
P. Charan (20H75A0404)
P. Venkata Sai Karthik (19H71A0452)
K. Sarath (19H71A0442)

Under the esteemed guidance of
Mr. G. Kiran Kumar, M.Tech
ASSISTANT PROFESSOR

Department of Electronics & Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457709, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A

CERTIFICATE

This is to certify that the project report entitled **SMART BIN FOR WASTE MANAGEMENT SYSTEM** submitted by **K. Pavani(19H71A0428), P. Venkata Sai Karthik(19H71A0452), P. Charan(20H75A0404), K. Sarath(19H71A0442)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work carried out by THEM under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ELECTRONIC NOTICE BOARD (ENB) FOR FACULTY COMMUNITY

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

G. Pravallika (19H71A04E2)

Shaik. Ameer Hamza (19H71A04B7)

B. Manikanta (19H71A04D5)

U. Surendra Babu (19H71A04F6)

Under the Esteemed Guidance of
Mrs. K. Manasa Lakshmi, M. Tech
Assistant professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457700, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"ELECTRONIC NOTICE BOARD (ENB) FOR FACULTY COMMUNITY"** submitted by **G. Pravallika (19H71A04E2), Shaik. Ameer Hamza (19H71A04B7), B. Manikanta (19H71A04D5), U. Surendra Babu (19H71A04F6),** to the DVR &Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

K. Mamara Lakshmi

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.

Internal Examiner

External Examiner

SMART APPROACH FOR E-HEALTH MONITORING SYSTEM

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

Ch. Nehitha Devi (19H71A0427)
G. Anand Sai Kumar(20H75A0402)
P. Venkatesh (19H71A0456)

Under the Esteemed Guidance of
Mrs.K. Manasa Lakshmi, M. Tech
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273621, 9401457700, 7382618823
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Smart Approach For E-Health Monitoring System**" submitted by **Ch. Nehitha Devi (19H71A0427), G. Anand Sai Kumar (20H75A0402), P.Venkatesh (19H71A0456)** to the DVR &Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

K. Manasa Lakshmi

Supervisor

Head of the Department

Principal

Internal Examiner

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

External Examiner

DEVELOPMENT OF SPEAKING SYSTEM FOR MUTED PEOPLE USING HAND GESTURES

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

K. Charishma(19H71A04C0)

M. Sai Srinivas (19H71A04F0)

K. Ramya (19H71A04E4)

Ch. Novahu(19H71A0485)

Under the Esteemed Guidance of
Mr. G. V. P. Chandra Sekhar Yadav,
M.tech,(Ph.D)
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India.
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"DEVELOPMENT OF SPEAKING SYSTEM FOR MUTED PEOPLE USING HAND GESTURES"** submitted by **Ms. K. Charishma (19H71A04C0), Mr. M. Sai Srinivas (19H71A04F0), Ms. K. Ramya (19H71A04E4), Mr. Ch. Novahu (19H71A0485),** to the DVR &Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ARDUINO BASED 2D CNC PLOTTER

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

by

A. Jahnavi (19H71A0473)
SD. Abdulla (19H71A0458)
SK. Nagulmeera (19H71A0481)
T. Naveen Kumar (19H71A0483)

Under the Esteemed Guidance of

Mr. G. V. P. Chandra Sekhar Yadav, M.Tech,(Ph.D)
Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla-- 521180, NTR Dist., Andhra Pradesh

April, 2023

MIC College of Technology

CERTIFICATE

This is to certify that the project report entitled **ARDUINO BASED 2D CNC PLOTTER submitted by A.Jahnavi(19H71A0473),SK.Nagulmeera(19H71A0481), SD.Abdulla(19H71A0458), T. Naveen Kumar(19H71A0483)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics and Communication Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

LEAF DISEASE DETECTION SYSTEM AND AUTOMATIC PESTICIDE SPRAYING CONTROL ROBOT USING RASPBERRY PI

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

Seema Afreen Khan (19H71A0443) **M. Venkata Vijay(19H71A0455)**

T. Raja (19H71A0434) **V. Raja Rajeswari(19H71A0433)**

Under the Esteemed Guidance of
Mr. K. Veenanand, M. Tech.
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457700, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Leaf Disease Detection System and Automatic Pesticide Spraying Control Robot Using Raspberry Pi "** submitted by **Ms. Seema Afreen Khan (19H71A0443), Mr. M. Venkata Vijay (19H71A0455), Mr. T. Raja (19H71A0434), Ms. V. Raja Rajeswari (20H75A0433)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

POWER SHOE : PIEZOELECTRIC WIRELESS POWERTRANSFER - A MOBILE CHARGING TECHNIQUE.

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

K. Ritheesh Reddy(19H71A0493)
G. Ramya (19H71A0491)
K. Samhitha(19H71A0497)
K .Mahesh(19H71A0478)

Under the Esteemed Guidance of

Mr. K.Veenanand, M.Tech.
Assistant Professor

Department of Electronics & Communication Engineering

DVR & DR.HS
MIC COLLEGE OF TECHNOLOGY
(Autonomous)
Kanchikacherla-- 521180, NTR Dist., Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled " **Power Shoe : Piezoelectric Wireless Power transfer -A Mobile Charging Technique**" submitted by **Mr. K. Ritheesh Reddy (19H71A0493), Ms . K. Samhitha (19H71A0497), Ms. G. Ramya (19H71A0491), Mr. K. Mahesh (19H71A0479)** to the DVR & Dr. HS MIC College of Technology in partial fulfilme nt of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

for
(Mr.K.Veenanand)
Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

(Dr.Ch.Pulla Rao)
Head of the Department

(Dr.T.Vamsee Kiran)
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

29/4

Internal Examiner

External Examiner

"AN IoT-BASED AUTOMATIC LUMINOSITY AND SOIL MOISTURE CONTROL SYSTEM FOR POTTING SHED"

A project report
Submitted in partial fulfilment of the
Requirements for the award of the degree of

Bachelor of Technology

In

Electronic & Communication Engineering

By

B. Sahithi	**(19H71A04E7)**
Ch. Venkata Sri Harsha	**(19H71A04G1)**
G. Akanksha	**(19H71A04B5)**

Under the Esteemed Guidance of

Mr. T. Vijaya Kanth, M.Tech.,

Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

April, 2023

CERTIFICATE

This is to certify that the project report entitled "**An IoT-based Automatic Luminosity and Soil Moisture Control System for Potting Shed**" submitted by **B. Sahithi (19H71A04E7), CH. Venkata Sri Harsha (19H71A04G1), G. Akanksha (19H71A04B5)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in Electronic & Communication Engineering is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

28/4/23

(T. Vijaya Kanth)
Supervisor

(Dr. CH. Pulla Rao)
Head of the Department

(Dr.T.Vamsee Kiran)
Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"WIRELESS HEALTHCARE SENSING AND MONITORING SYSTEM FOR MEDICAL COMMUNICATION IN IoT"

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In
Electronics & Communication Engineering

By

G. Asritha (19H71A0402) **P. Mohan Babu(19H71A0422)**

N. Lakshmi Durga (20H75A0411)

Under the Esteemed Guidance of
Mr. T. Vijay Kanth, M. Tech
Assistant Professor

Department of Electronics and Communication Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P. India
Phone: 08678 - 273535, 273623, 9491457299, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Wireless Healthcare Sensing and Monitoring System for Medical Communication in IoT"** submitted by **G. Asritha(19H71A0402), P. Mohan Babu(19H71A0422), N. Lakshmi Durga (20H75A0411),** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

29/4/22

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technolo.
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

"LINE FOLLOWING ROBOT WITH OBSTACLE AVOIDANCE"

A project report
Submitted in partial fulfilment of the
Requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

N. Lakshmi Sai Ramya(19H71A04D2) **S. Anilkumar(19H71A04B8)**

G. Harish(19H71A04C5) **T. Rohini Chowdary(20H75A0421)**

Under the Esteemed Guidance of

Mrs. B. Rajya Lakshmi, M. Tech.,

Assistant Professor

Department of Electronics & Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, NTR Dist., A.P, India.
Phone: 08678 - 273535, 273623, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A With Grade

CERTIFICATE

This is to certify that the project report entitled "**Line Following Robot With Obstacle Avoidance**" submitted by **Ms. N. Lakshmi Sai Ramya (19H71A04B8), Mr. S. Anil Kumar(19H71A04B8), Mr. G. Harish (19H71A04C5), Ms. T. Rohini Chowdary (20H75A0421)** DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

GAS LEAKAGE DETECTION AND ALERTING SYSTEM USING ARDUINO UNO

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Electronics & Communication Engineering

By

S. Brahma Reddy (19H71A0408)
A.Poojitha (19H71A0429)
A. Praveen Kumar (19H71A0432)

Under the Esteemed Guidance of
B.Rajya Lakshmi M.Tech
Assistant professor

Department of Electronics and Communication Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, N.T.R. Dist., A.P. India
Phone: 08674 - 273535, 273621, 9491457700, 7382616821
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Gas Leakage Detection And Alerting System Using Arduino Uno"** submitted by **S.Brahma Reddy (19H71A0408),A.Poojitha (19H71A0429), A.Praveen Kumar (19H71A0432)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Bachelor of Technology in **Electronics & Communication Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph. 273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

FACE RECOGNITION ATTENDANCE SYSTEM USING HOG ALGORITHM

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

Ch. Sirisha(19H71A0544) **G. Lakshmi Tanuja(19H71A0527)**
M. Harinadh (19H71A0509) **M. Ravi Kumar (19H71A0537)**

Under the esteemed guidance of
D. Prasad
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India.
Phone: 08678 - 273535, 9491457798, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**FACE RECOGNITION ATTENDANCE SYSTEM USING HOG ALGORITHM**" submitted by **Ch. Sirisha (19H71A0544), G. Lakshmi Tanuja (19H71A0527), M. Durga Harinadh (19H71A0509), M. Ravi Kumar (19H71A0537)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DEVELOPMENT OF A HOLIDAY PLANNER APPLICATION USING MERN STACK AND KNN

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

G. Deepak (19H71A0507) **P. Sravya (19H71A0549)**
K. Sowjanya (19H71A0547) **S. Harish (19H71A0513)**

Under the esteemed guidance of
D. Prasad
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled "**DEVELOPMENT OF A HOLIDAY PLANNER APPLICATION USING MERN STACK AND KNN**" submitted by **G. Deepak (19H71A0507), P. Sravya (19H71A0549), K. Sowjanya (19H71A0547), S. Harish (19H71A0513)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

STUDENT CONNECT

(A MERN Stack Based Discussion Forum)

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

G. Sai Dharani(19H71A0540)
Ch. Sahithi Divya (19H71A0538)
D. Charitha(19H71A0504)
T. Guru Keerthan(19H71A0512)

Under the esteemed guidance of
Mr. D. Prasad
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Student connect**" submitted by **G.Sai Dharani(19H71A0540), D.Charitha(19H71A0504), Ch.Sahithi Divya(19H71A0538), T.Guru Keerthan (19H75A0512)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Automatic Street Light Using LDR and IR

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

P. Bhargavi(19H71A0501)
P. Gowri Navya (20H75A0506)
T. Nirmal Das(19H71A0533)
M.Chitti Rupas (19H71A0506)

Under the esteemed guidance of
V. Lakshmi Chetana
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled "**Automatic Street Light Using LDR and IR**" submitted by **P. Bhargavi (19H71A0501), T. Nirmal Das (19H71A0533),P.GowriNavya(20H75A0506), M.Chitti Rupas(19H71A0506)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

HYPERPARAMETER TUNING OF GRAPH CONVOLUTION NETWORKS BASED COLLABORATIVE RECOMMENDER SYSTEMS - A COMPARATIVE STUDY

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

Sk. Shareena Bhanu (19H71A0543)
B. Baji Avula Raju (20H75A0501)
N. Geetha Sree Priya(20H75A0505)
M. Tharun Sai(19H71A0554)

Under the esteemed guidance of
V. Lakshmi Chetana
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phone: 08678 - 273535, 9491437799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled **"Hyperparameter Convolution Networks Based Collaborative Recommender Systems - A Comparative Study"** submitted by **SK. Shareena Bhanu (19H71A0543), N. Geetha Sree Priya (20H75A0505), B.Baji Avula Raju (20H75A0501), M. Tharun Sai (19H71A0554)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DNA CLASSIFICATION FOR DETECTION OF E. COLI VIRUS INFECTION

A Project Report
Submitted in partial fulfillment of the
Requirements for the award of the degree of

Bachelor of Technology

in

Computer Science and Engineering

By

M.Kavya Sree(19H71A0521) **P.Maha Lakshmi Manogna(19H71A0530)**

B. Sai Sri(19H71A0542) **E. Lokesh Rama Swami (19H71A0529)**

Under the esteemed guidance of

V. Lakshmi Chetana
Assistant Professor

Department of **Computer Science and Engineering**

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180, NTR Dist., Andhra Pradesh

April 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491437799, 7382016824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**DNA Classification for Detection of E. Coli Virus Infection**" submitted by **M. Kavya Sree (19H71A0521), B. Sai Sri (19H71A0542), P. Maha Lakshmi Manogna (19H71A0530), E. Lokesh Rama Swami (19H71A0529)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection

A Project Report
submitted in partial fulfilment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

B. Kavya (19H71A0520)

K. Yamini (19H71A0556)

P. Devi Kumari (20H75A0503)

CH. Bhargav (20H75A0502)

Under the esteemed guidance of

B.V.N. PRAVEENA
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous) Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April -2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection**" submitted by **B. Kavya(19H71A0520), K. Yamini (19H71A0556), P. Devi Kumari (20H75A0503), CH. Bhargav(20H75A0502)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a Bonafede record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor 27/4/23

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

A COMPARITIVE ANALYSIS OF CLOUD COMPUTING RESOURCE SCHEDULING ALGORITHMS

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

Y.Swaroopa(19H71A0552) **S. Vamsi Priya(19H71A0555)**
CH. Ganesh(19H71A0511) **M.Kumar Babu(19H71A0525)**

Under the esteemed guidance of
Ms. B.V.N Praveena
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist, A.P. India
Phone: 08678 - 273535, 9491437799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled **"A Comparitive Analysis Of Cloud Computing Resource Scheduling Algorithms"**submitted by **Y.Swaroopa (19H71A0552),S.VamsiPriya(19H71A0555),CH.Ganesh(19H71A0511),M.Kumar Babu(19H71A0525)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DEVELOPMENT OF A STUDENT GRIEVANCE CELL APPLICATION USING MERN STACK

A Project Report
Submitted in partial fulfillment of the
Requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING

By

V. Bhavya Teja (19H71A0502)

A. Harshini (19H71A0514)

G. Nandini (19H71A0532)

SK. Taj Vuddin (19H71A0553)

Under the esteemed guidance of

Ms. B V N Praveena

Associate Professor

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled "**DEVELOPMENT OF A STUDENT GRIEVANCE CELL APPLICATION USING MERN STACK**" submitted by **V. Bhavya Teja (19H71A0502), A. Harshini (19H71A0514), G. Nandini (19H71A0532), SK. Taj Vuddin (19H71A0553)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ECG BASED HEARTBEAT CLASSIFICATION & ARRHYTHMIA DETECTION

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

S. Harshitha(19H71A0515)
G. Dwaraka Mai(19H71A0510)
P. Nitheesh(19H71A0534)
Ch. Srikanth Reddy(19H71A0550)

Under the esteemed guidance of
Mr Girish Chandra
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist. A.P. India
Phone: 08678 - 273535, 9491457799, 7382010824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A

CERTIFICATE

This is to certify that the project report entitled "**ECG Based Heartbeat Classification & Arrhythmia Detection**" submitted by **S. Harshitha(19H71A0515), G. Dwaraka Mai(19H71A0510), P. Nitheesh(19H71A0534), Ch. Srikanth Reddy(19H71A0550)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Ph: 521180 Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Predicting Climate Disasters with Machine Learning: Mitigating the Impact of Anthropogenic Effects

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

Y. Krishna Prasad (19H71A0522) **G. Mounika(19H71A0531)**

J. Chaitanya (19H71A0545) **P. Hema Sai (19H71A0516)**

Under the esteemed guidance of

Mr. S. Girish Chandra

Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **"Predicting Climate Disasters with Machine Learning: Mitigating the Impact of Anthropogenic Effects"** submitted by **Y. Krishna Prasad(19H71A0522), G. Mounika (19H71A0531), J. Chaitanya (19H71A0545), P. Hema Sai (19H71A0516)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla Pin: 521180 Ph: 273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

A Deep Learning based Fashion Recommendation System

A Project Report
submitted in partial fulfillment of the
requirements for the award degree of

Bachelor of Technology

In

Computer Science & Engineering

By

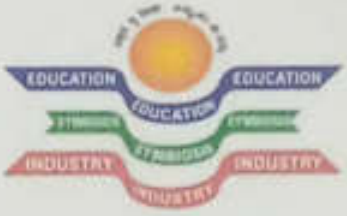
B.Jaya Sri
(19H71A0518)

S.Ganesh
(20H75A0504)

K.Yaswitha
(19H71A0557)

P.Praveen
(19H71A0535)

Under the esteemed guidance of
Mr. S. Girish Chandra
Associate Professor



Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist. A.P. India
Phone: 08678 - 273535, 9491457700, 7382016624
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**A Deep Learning based Fashion Recommendation System**" submitted by **B.JayaSri (19H71AO518), S.Ganesh (20H75A0504), K.Yaswitha (19H71A0557), P.Praveen (19H71A0535)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Arrangement of Examination Room Based on Examinee Proportion

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

N. Krishna Sathya(19H71A0523) **R.Lakshmi Bhavani(19H71A0526)**
K.Sowmya(19H71A0548) **CH. SudheerBabu(19H71A0551)**

Under the esteemed guidance of
Md. Eliaz
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Arrangement of examination Room Based on Examinee proportion**" submitted by **N.KrishnaSathya(19H71A0523),R.LakshmiBhavani(19H71A0526),K. Sowmya(18H71A0548),CH.SudheerBabu(19H71A0551)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a Bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

College Wikipedia-Android App For College

A Project Report

Submitted in partial fulfillment of the

Requirements for the award of the Degree of

Bachelor of Technology

In

Computer Science & Engineering

By

G. Kaveri Reddy(19H71A0519) **D. Cherishma(19H71A0505)**

B. Som Sekhar(19H71A0546) **SK. Jabeer Basha (19H71A0517)**

Under the esteemed guidance of

MD. Eliaz

Associate Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled "**College Wikipedia- Android App for College**" submitted by G. Kaveri Reddy(**19H71A0519**), **D. Cherishma (19H71A0505), B. Som Sekhar (19H71A0546), SK. Jabeer Basha (19H71A0517)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

EVALUATION OF DATA ANALYTICS TOOLS

A Project Report

submitted in partial fulfillment of the

requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

V. Krishithanjali (19H71A0524) **M. Divya sri(19H71A0508)**

D. Rahul Prasad (19H75A0536) **P. Sai Charishma (19H71A0539)**

P. Chandan Krishna(19H71A0503)

Under the esteemed guidance of

V. Lakshmi Chetana

Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist, A.P, India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled "**Evaluation of Data Analytic tools**" submitted by **V. Krishithanjali (19H71A0524),M. Divya Sri (19H71A0508), D. Rahul Prasad(19H75A0536), P. Sai Charishma (19H75A0539), P. Chandan Krishna (19H75A0503)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Malicious URL Detection Using Machine Learning Algorithm

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

Navya Avula(19H71A0585) **B Vinay Kumar(19H71A05B3)**
Faiz Shaik(19H71A0570) **Ranjitha P (19H71A0598)**

Under the esteemed guidance of
Dr.G.Sai Chaitanya Kumar
Associate Professor

Department of Computer Science & Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Malicious URL Detection Using Machine Learning Algorithm**" submitted by **Navya A (19H71A0585), Faiz Sk(19H71A0570), Vinay Kumar B (19H71A05B3), Ranjitha P(19H71A0598)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Prediction of diabetes in females of Pima Indian heritage using XGBClassifier and performing comparative study with other classification algorithms

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering

By

P. Satya Kiran(19H71A05A5) **E. Satya Sriram Dilip(20H75A0511)**
K. Lakshmi Kameswari(19H71A0582) **D. Manisha (19H71A0584)**

Under the esteemed guidance of
Dr. G. Sai Chaitanya Kumar
Associate Professor

Department of Computer Science and Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India.
Phone: 08678 - 273535, 9491457709, 7382016824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Prediction of diabetes in females of Pima Indian heritage using XGBClassifier and performing comparative study with other classification algorithms**" submitted by **P. Satya Kiran (19H71A05A5), E. Satya Sriram Dilip (20H75A0511), K. Lakshmi Kameswari (19H71A0582), D. Manisha (19H71A0584)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science and Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

College Enquiry Process Using Chat-Bot System

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

J. Rushika(19H71A05A0)
B. Jahnavi(19H71A0576)
G. Charan Kumar(19H71A0567)
A. AkhilKumarReddy(19H71A0559)

Under the esteemed guidance of
Dr. G. Sai Chaitanya Kumar
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 9491417799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**College Enquiry Process Using Chat Bot System**" submitted by **J. Rushika (19H71A05A0), G. Charan Kumar (19H71A0567), B. Jahnavi (19H71A0576), A. Akhil Kumar Reddy (19H75A0559)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh. India – Pin: 521180

Internal Examiner

External Examiner

OBJECT DETECTION USING CNN

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering

By

N. Niharika Chowdary(19H71A0587)
P. Greeshma Valli(19H71A0574)
K. Damodar(19H71A0568)
G. Gopi(19H71A0573)

Under the esteemed guidance of
A. Kalyan Kumar
Assistant Professor

Department of Computer Science and Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Object detection using CNN**" submitted by **N.Niharika Chowdary(19H71A0587), K. Damodar(19H71A0568), P. Greeshma valli(19H71A0574), G.Gopi(19H71A0573)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science and Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

AUTOMATIC TIME TABLE GENERATION USING PYTHON

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering

By

P.DivyaDeepika(19H71A0569) **M.Nithin (19H71A0589)**
CH. Rakesh (20H75A0509) **T.Nissi (19H71A0588)**

Under the esteemed guidance of
Mr.A.Kalyan Kumar
Assistant Professor

Department of Computer Science and Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist. A.P, India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled "**Automatic Time Table Generation**" submitted by **P. Divya Deepika (19H71A0569), M. Nithin (18H71A0589), Ch.Rakesh (20H75A0509), T. Nissi (19H75A0588)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science and Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Development of a Customized Mobile Application for Video Downloading & Editing using Android studio

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

in

Computer Science and Engineering
By

K. Siddhartha Vasudev(19H71A05A6) **M. Yogitha(19H71A05B4)**
S. Hema Sai (19H71A0575) **S. Bhavani (19H71A0565)**

Under the esteemed guidance of
A. Kalyan Kumar
Assistant Professor

Department of Computer Science and Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)
Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Development of a customized Mobile application for Video Downloading & Editing using Android studios**" submitted by **K.Siddhart Vasudev(19H71A05A6), M.Yogitha (19H71A05B4), S. Hema Sai(19H71A0575), S. Bhavani (19H71A0565)** to the DVR & Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Computer Science and Engineering is a bonafide record of work. The contents of this report, in full or inparts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Ph : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DEVELOPMENT OF COLLEGE PLACEMENT WEBSITE USING MEAN STACK

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

K . Alekhya(19H71A0560)
K . Anand Kumar(19H71A0561)
U . Anu Radha(19H71A0562)
V.S.N Vara Prasad (19H71A05A1)

Under the esteemed guidance of

G.Pratyusha

Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With grade A

CERTIFICATE

This is to certify that the project report entitled "**Web designing using MEAN STACK**" submitted by **K .Alekhya(19H71A0560),U .AnuRadha(19H71A0562) ,K . Anand Kumar(19H71A0561), V.S.N Vara Prasad(19H71A05A1)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph 273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology.
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DEVELOPMENT OF WEBSITE WITH DYNAMIC FLOW USING OPEN SOURCES

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

G.Gayathri(19H71A0571)
N.Supraja(19H71A05B0)
K.Padma(19H71A0590)
M.Pavan kumar(19H71A0592)
SK.Baji Shaheed(19H71A0563)

Under the esteemed guidance of
Ms G.Pratyusha
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273333, 9491457799, 7382018324
Website: www.mictech.ac.in

AUTONOMOUS

CERTIFICATE

This is to certify that the project report entitled "**Development Of Website With Dynamic Flow Using Open Sources**" submitted by **G.Gayathri (19H71A0571),N.Supraja(19H71A05B0),K.Padma(19H71A0590),M.Pavan kumar(19H75A0592),SK.Baji Shaheed(19H71A0563)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

AN ONLINE HEALTHCARE PLATFORM FOR SAFE AND SECURE PATIENT-DOCTOR COMMUNICATION AND PATIENT PRESCRIPTION FULLFILMENT: E-DOCTOR

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

S. Sri Vardhani(19H71A05A9) **P. Rachana(19H71A0596)**
K. Kailash (19H71A0593) **R. Jaya Kiran(19H71A0577)**

Under the esteemed guidance of
Ms. G Pratyusha
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P., India.
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled "**AN Online Healthcare Platform for Safe and Secure Doctor-patient Communications and Prescription Fulfillment: E-doctor**" submitted by S. Sri Vardhani(19H71A05A9), P. Rachana(19H71A0596), K. Kailash (19H71A0593), R. Jaya Kiran(19H71A0577) to the DVR & Dr. HS MIC College of Technology in partial fulfillment for the award of the Degree of Bachelor of Technology in Computer Science & Engineering is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY * Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

CERTIFICATE VALIDATION USING BLOCK CHAIN

A Project Report

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

Bachelor of Technology

In

ComputerScience&Engineering

By

Shaik sama(19H71A05A3)
B Mohan(19H71A05B2)
y prathyusha(19H71A0594)
v vasu (19H71A05B1)

Under the esteemed guidance of

V. Padmaja

Assistant Professor

Department of ComputerScience&Engineering

DVR&Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist. A.P. India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Certificate validation using blockchain**" submitted by **Shaik sama (19H71A05A3), Y.Prathyusha(19H71A0594), B.Mohan (19H71A05B2), V.Vasu(19H71A05B1)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work.The contents of this report,in full or in parts,have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

HeadoftheDepartment

Principal

Internal Examiner

External Examiner

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

CLOSE OBSERVATION TOWARDS CRIME USING SPY CAMERA

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree
of

Bachelor of Technology

In

Computer science & Engineering

By

N. Jhansisri (19H71A0578)
B. Siri Divya (20H75A0512)
K. Sravani (19H71A05A7)
E. Pavan Kumar (19H71A0591)

Under the esteemed guidance of
V. Padmaja
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P, India

SBA-Accredited

CERTIFICATE

This is to certify that the project report entitled "**Close Observation towards crime using Spy camera**" submitted by **N. Jhansisri (19H71A0578), B. Siri Divya(20H75A0512), K. Sravani(19H71A05A7), E. Pavan(19H71A0591)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MALWARE DETECTION AND PREVENTION USING MACHINE LEARNING ALGORITHMS

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

M. Bhavana (19H71A0564) **V. Jyoshna Vaishnavi (19H71A0580)**
T. Lalitha Kumari(20H75A0508) **Y. Krishna Mohan (20H75A0507)**

Under the esteemed guidance of
V. Padmaja
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Malware Detection And Prevention Using Machine Learning Algorithm**" submitted by **M. Bhavana(19H71A0564), V. Jyoshna Vaishnavi(19H71A0580), T. Lalitha Kumari(20H75A0508), Y. Krishna Mohan(20H75A0507)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

THREE LEVEL PASSWORD AUTHENTICATION

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

U.Sarvani (20H75A0510)

V.Likitha (19H71A0583)

MD.Abdul Rahaman (19H71A0558)

V.Rakesh (19H71A0597)

Under the esteemed guidance of

K.Jyoshna Priya

Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 275515, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Three Level Password Authentication**"submitted by **U.Sarvani (20H75A0510), V.Likitha (19H71A0583), MD.Abdul Rahaman (19H71A0558), V.Rakesh (19H75A0597)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science &Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Facial Attendance System

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

K. Chandrika (19H71A0566) **V. Pravallika (19H71A0595)**

M. Sairam (19H71A05A2) **M. Kesava (19H71A0581)**

Under the esteemed guidance of

Ms. K. Jyoshna Priya

Associate Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 8491437709, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Facial Attendance System**" submitted by **K. Chandrika (19H71A0566), V. Pravallika (19H71A0595), M. Sairam (19H71A05A2), M. Kesava (19H71A0581)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

LIP READING USING NEURAL NETWORKS AND DEEP LEARNING

A Project Report

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

Bachelor of Technology

In

Computer Science & Engineering

By

V. Geetanjali Lakshmi (19H71A0572)

K. Sri Lakshmi (19H71A05A8)

Sk. John Basha (19H71A0579)

V. Neeraja (19H71A0586)

Under the esteemed guidance of

Ms. K. JYOSHNA PRIYA

Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Lip Reading Using Neural Networks And Deep Learning**" submitted by **V. Geetanjali Lakshmi (19H71A0572), K. Sri Lakshmi (19H71A05A8), Sk. John Basha (19H71A0579), V. Neeraja (19H71A0586)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

TEXT SUMMARIZATION USING NATURAL LANGUAGE PROCESSING

A project report on
Submitted in partial fulfilment
For the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

K. Anusha-19H71A05B8
V. Dhanya Sri-19H71A05C1
E. Vivek-19H71A50G9
V. Pardha Saradhi-19H71A05E5

Under the Esteemed Guidance of
Dr. V Srilakshmi
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla–521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P., India
Phone: 08678 - 273535, 9491477799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Text Summarization Using Natural Language Processing**" submitted by **K. Anusha (19H71A05B8), E. Vivek (19H71A05G9), V. Dhanya Sri (19H71A05C1), V. Pardha Saradhi (19H75A05E5)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

UTILIZATION OF RESOURCES VIA OVERLAY ROUTING SOURCE NODE AT A SENSIBLE RATES

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

M.Kavya Sri(19H71A05D1) **I.Tulasi Ram(19H71A05G5)**

B.Nandha Kishore (19H71A05E1) **Ch.Haritha (19H71A05C6)**

Under the esteemed guidance of

Dr.V.Sri Lakshmi

Associate Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Utilization Of Resources Via Overlay Routing Source Node At a Sensible Rates**" submitted by **M.Kavya Sri (19H71A05D1), I.Tulasi ram (19H71A05G5), B.Nandha Kishore (19H71A05E1), Ch.Haritha (19H71A0C6)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Ph: 521180
Ph.273535

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

COMPUTERIZED FACIAL FEATURES RECOGNITION USING FUNCTION FEATURES

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

R. Leela(19H71A05D4)

S. Yashwant (19H71A05H0)

G. Hari Priya (19H71A05C5)

D. Venkata Ganesh (20H75A0515)

Under the esteemed guidance of
Dr. V. Srilakshmi
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Computerized Facial Features Recognition Using Function Extraction**" submitted by **R. Leela(19H71A05D4), G. Hari Priya(19H71A05C5), S. Yashwant (19H71A05H0), D. Venkata Ganesh(20H75A0515)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph: 273535

Head of the Department

Principal

Internal Examiner

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

External Examiner

DIGITAL POLLING SYSTEM USING BLOCKCHAIN

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

A. Pallavi (19H71A05E4)
M. NSLP Gayathri (19H71A05D9)
N. Vanitha (19H71A05G8)
V. Ramana (19H71A05F7)

Under the esteemed guidance of
Mr. Varun Prasad D
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Digital Polling System Using Blockchain**" submitted by **A. Pallavi (19H71A05E4), M. NSLP Gayathri (19H71A05D9), N. Vanitha (19H71A05G8), V. Ramana (19H75A05F7)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

FOMATIVE ASSESSMENT FOR ONLINE QUIZ APPLICATION

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

K. Lakshmi(19H71A05D3) **N. Raja Ravindra(19H71A05F3)**

K. Subhashini(20H75A0513) **T. Kranthi Charan(19H71A05C3)**

Under the esteemed guidance of

Dr. D. VARUN PRASAD

Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist, A.P. India.
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Formative Assessment for Online Quiz Application**" submitted by **K. Lakshmi (19H71A05D3), N. Raja Ravindra (19H71A05F3), K. Subhashini (20H75A0513), T. Kranthi Charan (19H71A05C3)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Identifying Fake Users and Detecting Spammers on Social Media

A Project Report
Submitted in partial fulfillment of
the requirements for the award of the degree of

Bachelor of Technology
In
Computer Science & Engineering
by

Meghana .M (19H71A05D7)
Harsha Vardhan . M (19H71A05C7)
Naga Sai .G (19H71A05D8)
Jyoshna Devi .V (19H71A05H2)

Under the Esteemed Guidance of
Mr. D. Varun Prasad
Associate Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Identifying Fake Users and Detecting Spammers on Social Media**" submitted by **Meghana. M(19H71A05D7), Naga Sai. G (19H71A05D8), Harsha Vardhan. M (19H71A05C7), Jyoshna Devi. V(19H71A05H2)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

STUDENT ONLINE MENTORING SYSTEM

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

M. Poojitha(19H71A05E9)
B. Chaitanya (19H71A05B9)
N. Surekha(20H75A0514)
S. Rama Krishna(19H71A05F6)

Under the esteemed guidance of
Mr. Y Siva Prasad
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April,2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist, A.P, India
Phone: 08678 - 273535, 9491457799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled "**Student Online Mentoring System**" submitted by **M. Poojitha (19H71A05E9), B. Chaitanya (19H71A05B9), N. Surekha (20H75A0514), S. Rama Krishna(19H71A05F6)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ETHEREUM FORTIFIED CROWDFUNDING PLATFORM

A Project Report
submitted in fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

G. Divya(19H71A05C2) **G. Paul Krupakar(19H71A05E6)**

P. Sai Chaitanya (19H71A05F9) **K. Sudheshna (19H71A05H1)**

Under the esteemed guidance of
Y. Siva Prasad
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS
MIC College of Technology
(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P., India
Phone: 08678 - 273535, 9491457708, 7382014824
Website: www.mictech.ac.in

CERTIFICATE

This is to certify that the project report entitled "**Ethereum Fortified CrowdFunding Platform**" submitted by **G. Divya (19H71A05C2), G. Paul Krupakar (19H71A05E6), P. Sai Chaitanya (19H71A05F9), K. Sudheshna (19H71A05H1)** to the DVR & Dr. HS MIC College of Technology in fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DUAL ACCESS CONTROL FOR CLOUD-BASED DATA STORAGE AND SHARING

A Project Report submitted in fulfillment of the

requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

by

A.Vamsi Krishna(19H1A05G7)

D. Prasanna Devi(19H1A05F0)

Ch.Shailu (19H71A05G1)

D. Rakesh (19H71A05F5)

Under the esteemed guidance of

Y. Siva Prasad

Assistant Professor

Department of **Computer Science & Engineering**

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India.
Phone: 08678 - 273535, 9491437799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled submitted "**Dual Access Control for Cloud-Based Data Storage and Sharing using multilevel security**" submitted by **A.Vamsi Krishna (19H71A05G7) , D.Prasanna Devi (19H71A05F0) , Ch.Shailu(19H71A05G1), D. Rakesh(19H71A05F5)** to the DVR& Dr. HS MIC College of Technology in fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Computer Science &Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Ph : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

UNASSAILABILITY BY USING DISTRIBUTED LEDGER TECHNOLOGY AND AI

A Project Report

submitted in partial fulfilment of the

requirements for the award of the degree of

Bachelor of Technology

in

Computer Science & Engineering

by

G. Anitha (19H71A05B7) **Nayeem Mahammad (19H71A05E3)**

G. Kavya Pavani (19H71A05D0) **K. Venkatesh (20H75A0516)**

Under the esteemed guidance of

Mr. Chitla Vinay Santhosh

Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P, India

AUTONOMOUS
NBA-Accredited
B.Tech (CSE|ECE|ME)
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled "**Unassailability by using Distributed Ledger Technology and AI**" submitted by **G. Anitha (19H71A05B7), Nayeem Mahammad (19H71A05E3), G. Kavya Pavani (19H71A05D0), K. Venkatesh (20H75A0516)** to DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

CYBER ENCROACHMENT BASED ON INTELLIGENT RETRIEVAL NETWOKS USING EVENT PROFILES

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering
By

K. Sravani(19H71A05G4)
J. Rajesh (19H71A05F4)
B. Satish(19H71A05G0)
M. Sravana Sandhya (19H71A05G2)

Under the esteemed guidance of
Mr. Chitla. Vinay Santhosh
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC with Grade A

CERTIFICATE

This is to certify that the project report entitled "**Cyber Encroachment Based on Intelligent Retrieval Networks using Event Profiles**" submitted by **K. Sravani(19H71A05G4), G. Satish(19H71A05G0), J. Rajesh(19H71A05F4), M. Sravanasandhya(19H75A05G2)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the aware of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

FRAUD RESEMBLANCE IDENTIFICATION

A Project Report submitted in partial fulfillment of the

requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

by

N. Vaishnavi (19H71A05G6) **B. Keerthi(19H71A05D2)**

M. Raj Kumar(19H71A05F2) **M. Jessi(19H71A05C8)**

Under the esteemed guidance of
Mr. Ch Vinay Santosh
Associate Professor

Department of **Computer Science & Engineering**

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India
Phone: 08678 - 273535, 9491457799, 7382616824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled **FRAUD RESEMBLANCE IDENTIFICATION** submitted by **N. Vaishnavi (19H71A05G6), B.Keerthi (19H71A05D2), M. Jessi (19H71A0C8), M. Raj Kumar (19H71A05F2)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

SECURE EHRS SHARING OF MOBILE CLOUD BASED E-HEALTH SYSTEMS USING BLOCKCHAIN

A project Report
Submitted in partial fulfillment of the
Requirement for the award of the degree of

Bachelor of Technology
In
Computer Science & Engineering

By

S. Purna Pujitha Raghava(19H71A05F1)

P. Durga(19H71A05C4)

Sk. Afreen fathima(19H71A05B6)

K.Venkateswarlu(20H75A0517)

Under the esteemed guidance of
Ms.J. Sravani
(Assistant Professor)

Department of Computer Science & Engineering

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla–521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India
Phone: 08678 - 273535, 9491457709, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled **Secure Sharing EHR's Based On Mobile Cloud Using Blockchain** submitted by **S. Purna Pujitha Raghava (19H71A05F1), P. Durga (19H71A05C4), Sk. Afreen Fathima (19H71A05B6), K.Venkateswarlu (20H75A0517)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any otherInstitute for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DEVELOPMENT OF COLLEGE WEBSITE

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

T. Deepika (19H71A05C0)
A. Narasimha (19H71A05E2)
Ch. Aadarsh (19H71A05B5)
K. Likitha (19H71A05D5)
M. Pavan Kumar (19H71A05E7)

Under the esteemed guidance of
Ms J. Sravani
Assistant Professor

Department of Comput er Science & Engineering

DVR & Dr. HS
MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P, India.
Phone: 08678 - 273535, 9491437799, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
Accredited by NAAC A With Grade

CERTIFICATE

This is to certify that the project report entitled "**DEVELOPMENT OF COLLEGE WEBSITE**" submitted by **T. Deepika (19H71A05C0), K. Likitha (19H71A05D5), A. Narasimha (19H71A05E2), M. Pavan Kumar (19H71A05E7), Ch. Aadarsh (19H71A05B5)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

J. Sravani
Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY ★ Kanchikacherla Pin : 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

PHISHING EMAIL DETECTION USING RCNN MODEL

A Project Report
submitted in partial fulfillment of the
requirements for the award of the degree of

Bachelor of Technology

In

Computer Science & Engineering

By

S. Nagavarshitha (19H71A05E0)
Y.Bhanushya (20H75A0518)
K.Phani Kumar(19H71A05E8)
Ch.Sravani(19H71A05G3)
T.Manohar (19H71A0D6)

Under the esteemed guidance of
Ms.J.Sravani
Assistant Professor

Department of Computer Science & Engineering

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist., Andhra Pradesh

April, 2023

DVR & Dr. HS
MIC College of Technology
Kanchikacherla - 521180, Krishna Dist., A.P. India.
Phone: 08678 - 273535, 9491457798, 7382016824
Website: www.mictech.ac.in

AUTONOMOUS
NAAC A

CERTIFICATE

This is to certify that the project report entitled "**PHISHING EMAIL DETECTION USING RCNN MODEL**" submitted by **S.Nagavarshitha (19H71A05E0), Ch.Sravani (19H71A05G3), Y.Bhanushya (20H75A0518), T.Manohar (19H71A05D6), K.Phanikumar (19H71A05E8)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in **Computer Science & Engineering** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

J Sravani
Supervisor

Head of Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph: 273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

V. Sai M
Internal Examiner

External Examiner

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchakacherla-521180, NTR Dist. A.P. India.
Tel.No : 08678-273535/9491457799/7382616824
Website : www.mictech.edu.in

Accredited by NAAC With Grade A
ISO 9001 : 2015 Certified

DEPARTMENT OF INFORMATION TECHNOLOGY

A.Y:2022-23

IV B.Tech IT VIII Semester List of Major Projects

S.No	Reg No	Name Of The Student	Title Of The Project	Project Supervisor
B1	19H71A1208	Devi Yasaswi.V	ATTENDANCE CAPTURE SYSTEM USING FACE RECOGNITION	Mrs. A. Anuradha
	19H71A1233	Navya Sri.D		
	19H71A1219	Lavanya.K		
	19H71A1234	Poornima Rajeswari.S		
	19H71A1225	Mani Sai.B		
B2	19H71A1217	Lakshmi Deekshita.B	BLOCKCHAIN BASED MILK DELIVERY PLATFORM FOR STALLHOLDER DAIRY FARMERS IN KENYA ENFORCING	Mrs. R. Vijaya
	19H71A1246	Sai preethi .Y		
	19H71A1205	Charitha Sri.M		
	19H71A1251	Srinivas.P		
	19H71A1256	Uday.G		
B3	19H71A1215	Kavya.J	PLANT DISEASE IDENTIFICATION AND PESTICIDES RECOMMENDATION USING CNN	Mr. K. Mahanthi
	19H71A1257	Venkata Krishna.S		
	19H71A1209	Dharani Sindhu.K		
	19H71A1239	Ravi .B		
	19H71A1216	Krishna Sai.M		
B4	19H71A1223	Manasa.CH	DETECTION OF CYBER ATTACK IN NETWORK USING MACHINE LEARNING & DEEP LEARNING TECHNIQUES	Mrs. P. Mareswaramma
	19H71A1204	Chandra Mouli.S		
	19H71A1238	Rakesh .M		
	19H71A1221	Likith Kumar.V		
	19H71A1235	Praveen Kumar.P		
B5	19H71A1206	Dayakar.Y	PREDICTION OF CRUDE OIL PRICES USING SVR WITH GRID SEARCH VALIDATION	Mrs. S. Lavanya
	19H71A1237	Rajeswari.S		
	19H71A1254	Tejaswi.A		
	19H71A1236	Rafeeq .A		
	19H71A1231	Navya .D		

B6	19H71A1261	Venkata Siva .V	A SYSTEM BASED ON ML AND NLP FOR SUPPORTING WOMEN AND FAMILIES DURING PREGNANCY	Mr. B. Murali Krishna
	19H71A1222	Lokesh .B		
	19H71A1227	Mounika .Y		
	19H71A1229	Naga Sai.M		
	19H71A1252	Sriram .K		
B7	19H71A1241	Revathi. Y	USING DATA MINING TECHNIQUES TO PREDICT STUDENT PERFORMANCE TO SUPPORT DECISION MAKING IN UNIVERSITY ADMISSION SYSTEM	Mr. G.RamaMohana rao
	19H71A1243	Sahithya .B		
	19H71A1226	Manjula .P		
	19H71A1218	Lalitha Priyanka .G		
	19H71A1201	Akanksha .A		
B8	19H71A1258	Vamsi Krishna ,A	BREAST CANCER PREDICTION BY LEVARAGING MACHINE LEARNING ALGORITHM AND USING ADAPTIVE VOTING ENSEMBLE METHOD	Ms. B. Triveni
	19H71A1230	Naga Sai .S		
	19H71A1210	Fayaz .SK		
	19H71A1240	Renuka .M		
	19H71A1249	Sidda Reddy .J		
B9	19H71A1232	Naya Lakshmi .Y	GEO TRACKING OF WASTE AND TRIGGERING ALERTS AND MAPPING AREAS WITH HIGH WASTE INDEX	Mrs. S. Mounika
	19H71A1244	Sai Anu Deepthi .M		
	19H71A1262	Yasaswini .D		
	19H71A1253	Suman .B		
	19H71A1255	Tejendra .N		
B10	19H71A1224	Manasa .S	DEEP LEARNING BASED COLLABORATIVE FILTERING FOR MOVIE RECOMMENDATION	Mr. Sk. Uddandu saheb
	19H71A1207	Deekshita.CH		
	19H71A1264	Lokesh.M		
	19H71A1202	Ashok Kumar .L		
	19H71A1220	Satish Kumar.S		
B11	19H71A1211	Geetha .K	E-ASSESMENT USING IMAGE PROCESSING IN EXAMS	Mr. S. Vamsi
	19H71A1250	Sneha.Y		
	19H71A1203	Atheeq Khan .P		
	19H71A1260	Vamsi .MVS		
	19H71A1263	Mohan Gopi .P		
B12	19H71A1213	Jaswanth ,V	NUMBER PLATE DETECTION WITHOUT	Mrs. A. Anuradha
	19H71A1214	Jusritha .D		
	19H71A1212	Harika Lakshmi.B		
	19H71A1242	Rohit .G		
	18H71A1249	Teja .A		

B13	19H71A1228 19H71A1248	Tirumala.S.N.L Shahin .SK	**MALWARE DETECTION USING MACHINE LEARNING AND PERFORMANCE VALUATION**	Mrs. R. Vijaya
	19H71A1247	Sandeep .T		
	19H71A1245	Sai Keerthana .J		
	20H75A1201	Uma Maheshwara Rao .B		

Signature of Coordinator

(Mr. K. Mahanthi)

Signature of HoD

(Mrs. A. Anuradha)

PREDICTION OF CRUDE OIL PRICES USING SVR WITH GRID SEARCH CROSS VALIDATION ALGORITHM

A Project Report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

by

Y.Dayakar(19H71A1206)
A.Tejaswi (19H71A1254)
D.Navya (19H71A1231)
S.Rajeswari(19H71A1237)
A.Rafeeq(19H71A1236)

Under the Esteemed Guidance of

Mrs. S. Lavanya

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180, NTR District, Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist, A.P, India

AUTONOMOUS

NBA-Accredited

NAAC A

CERTIFICATE

This is to certify that the Project report entitled **"Prediction of crude oil prices using SVR with grid search cross validation algorithm "** submitted by **Y.Dayakar (19H71A1206) , S.Rajeswari (19H71A1237), A.Tejaswi(19H71A1254) , A.Rafeeq(19H71A1236) , D.Navya (19H71A1231)**to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

21/Jul/23

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MALWARE DETECTION USING MACHINE LEARNING AND PERFORMANCE EVALUATION

A Project Report submitted in partial
Fulfillment of the requirements for
The award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

S.Naga Lakshmi Tirumala (19H71A1228)

Sk.Shahin(19H71A1248)

T.Sandeep (19H71A1247)

J.Sai Keerthana (19H71A1245)

B.UmaMaheswara Rao (20H75A1201)

Under the Esteemed Guidance of

Mrs.R.Vijaya

Associate Professor

Department of Information Technology

DVR&Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180,NTRDist,AndhraPradesh

April2023

CERTIFICATE

This is to certify that the project report entitled **"MALWARE DETECTION USING MACHINE LEARNING AND PERFORMANCE EVALUATION"** submitted **by S. Naga Lakshmi Tirumala (19H71A1228), SK. Shahin (19H71A1248), T. Sandeep (19H71A1247), J. Sai Keerthana (19H71A1245), B. UmaMaheswara Rao (20H75A1201)** to the DVR & Dr. Hs MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Ph. 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Pregbot A System Based on DL and NLP for Supporting Women and Families during Pregnancy

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

V. Venkata Siva(19H71A1261)
B. Lokesh (19H71A1222)
K. Sriram(19H71A1252)
Y. Monika(19H71A1227)
M. Naga Sai(19H71A1229)

Under the Esteemed Guidance of

Mr. B. Murali Krishna

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P. India

CERTIFICATE

This is to certify that the project report entitled **"PREGBOT A SYSTEM BASED ON DL AND NLP FOR SUPPORTING WOMEN DURING FAMILIES AND PREGNANCY WOMEN"** submitted by **V.Venkatasiva(19H71A1261),B.Lokesh(19H71A1222),Y.Monika(19H71A1227), M.Nagasai(19H71A1229), K.Sriram(19H71A1252)**to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in Information Technology is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree

Supervisor **Head of the Department**

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner **External Examiner**

PREDICTION OF BREAST CANCER BY LEVERAGING MACHINE LEARNING ALGORITHM

A Project Report
submitted inpartial fulfillment of the
requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

A. Vamsi Krishna Reddy (19H71A1258)
SK. Fayaz (19H71A1210)
J. Siddha Reddy (19H71A1249)
S. Naga Sai (19H71A1230)
M. Renuka (19H71A1240)

Under the Esteemed Guidance of
B.Triveni, M.Tech
Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist, A.P. India

AUTONOMOUS
NBA-Accredited
NAAC A

CERTIFICATE

This is to certify that the project report entitled **Prediction Of Breast Cancer By Leveraging Machine Learning Algorithm** submitted by **A.Vamsi Krishna Reddy (19H71A1258), S.Naga Sai (19H71A1230), SK.Fayaz (19H71A1210), M.Renuka (19H71A1240), J.Siddha Reddy (19H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin 521180 Ph.273535

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

GEO TRACKING OF WASTE AND TRIGGERING ALERTS AND MAPPING AREAS USING DEEP LERANING TECHNOLOGY

A Project Report
submitted in partialfulfillment of the
requirements for theaward of the Degree of

BACHELOR OF TECHNOLOGY
in
INFORMATION TECHNOLOGY

by

Y. Navya Lakshmi(19H71A1232)
M. Sai Anu Deepthi(19H71A1244)
D. Yasaswini(19H71A1262)
B. Suman(19H71A1253)
N. Tejandra(19H71A1255)

Under the Esteemed Guidance of
Mrs. S. Mounika
Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April, 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada

Kanchikacherla - 521180, Krishna Dist. A.P. India

AUTONOMOUS

NBA-Accredited

NAAC A

CERTIFICATE

This is to certify that the project report entitled **Geo tracking of waste and triggering alerts using deep learning technology** submitted by **Y. Navya Lakshmi(19H71A1232), M. Sai Anu Deepthi (19H71A1244),D.Yasaswini(19H71A1262),B. Suman(19H71A1253) N. Tejandra(19H71A1255)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the DegreeBachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

27/4/2023

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

E - ASSESSMENT USING IMAGE PROCESSING IN EXAMS

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

Bachelor of Technology

In

Information Technology

By

K. Geetha Rama Lakshmi(19H71A1211)

P. Atheeq khan (19H71A1203)

P. Mohan gopi(19H71A1263)

Y. Sneha (19H71A1250)

M.V.S.Vamsi(19H71A1260)

Under the Esteemed Guidance of

Mr. S. Vamsi

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P. India

NBA-Accredited

CERTIFICATE

This is to certify that the project report entitled **E-Assessment using image processing in exams** submitted by **K. Geetha Rama Lakshmi(19H71A1211), Y. Sneha(19H71A1250), P.Atheeq khan(19H71A1203), M.V.S.Vamsi(19H71A1260), P.Mohan Gopi(19H71A1263)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

DETECTION OF DEPRESSION RELATED POSTS IN REDDIT SOCIAL MEDIA FORUM

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

BY

S.Manasa(19H71A1224) **CH.Deekshitha(19H71A1207)**

M.Lokesh(19H71A1264) **L.Ashok kumar(19H71A1202)**

S.Leela satish varma(19H71A1220)

Under the Esteemed Guidance of

Mr. SK .Uddandu Saheb

Assistant professor

Department of Information Technology

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla 521180, NTR Dist, Andhra Pradesh

April - 2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist., A.P. India

AUTONOMOUS

NBA-Accredited

NAAC A

CERTIFICATE

This is to certify that the project report entitled "**Detection of Depression Related Posts in Reddit Social Media Forum**" submitted by **S. Manasa(19H71A1224), CH. Deekshitha (19H71A1207), M.Lokesh(19H71A1264), L.Ashokkumar(19H71A1202) , S.Leela satish varma(19H71A1220)** to the DVR & Dr.HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin: 521180
Ph: 273535

Head of Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

USING DATA MINING TECHNIQUES TO PREDICT STUDENT PERFORMANCE TO SUPPORT DECISION MAKING IN UNIVERSITY ADMISSION SYSTEM

A Project Report submitted in partial fulfillment of the requirements for theaward of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

Y. Revathi(19H71A1241)

P. Manjula(19H71A1226)

A. Akanksha(19H71A1201)

B. Sahithya(19H71A1243)

G. Lalitha Priyanka(19H71A1218)

Under the Esteemed Guidance of

Mr. G. Ramamohana Rao

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **Using Data Mining Techniques to Predict Student Performance to Support Decision Making in University Admission Sysytem** submitted by **Y. Revathi(19H71A1241), B. Sahithya(19H71A1243), P. Manjula(19H71A1226),G. Lalitha Priyanka(19H71A1218),A. Akanksha(19H71A1201)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the DegreeBachelor of Technology in **Information Technology** is a bonafide record of work. Thecontents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ATTENDANCE CAPTURE SYSTEM USING FACE RECOGNITION

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

V. Devi Yasaswi(19H71A1208)
K. Lavanya(19H71A1219)
B. Mani Sai(19H71A1225)
D. Navya Sri(19H71A1233)
S. Poornima Rajeswari(19H71A1234)

Under the Esteemed Guidance of

Mrs. A. Anuradha

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **Attendance Capture System Using Face Recognition** submitted by **V. Devi Yasaswi (19H71A1208), D. Navya Sri (19H71A1233), K. Lavanya (19H71A1219), S.Poornima Rajeswari (19H71A1234), B. Mani Sai (19H71A1225)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

DETECTION OF CYBER ATTACKS IN NETWORK USING MACHINE LEARNING TECHNIQUES

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

Ch.Manasa(19H71A1223)
M.Rakesh(19H71A1238)
P.Praveen Kumar(19H71A1235)
S.Chandra Mouli(19H71A1204)
V.Likhith Kumar(19H71A1221)

Under the Esteemed Guidance of

Mrs.P.Mareswaramma

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180,NTRDist,AndhraPradesh

April-2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P. India

CERTIFICATE

This is to certify that the project report entitled **Detection of cyber attacks in network using Machine learning Techniques** submitted by **Ch. Manasa (19H71A1223), S. Chandra Mouli(19H71A1204), M. Rakesh (19H71A1238), V. Likhith Kumar(19H71A1221), P. Praveen Kumar(19H71A1235)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

MALWARE DETECTION USING MACHINE LEARNING AND PERFORMANCE EVALUATION

A Project Report submitted in partial
Fulfillment of the requirements for
The award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

S.Naga Lakshmi Tirumala (19H71A1228)

Sk.Shahin(19H71A1248)

T.Sandeep (19H71A1247)

J.Sai Keerthana (19H71A1245)

B.UmaMaheswara Rao (20H75A1201)

Under the Esteemed Guidance of

Mrs.R.Vijaya

Associate Professor

Department of Information Technology

DVR&Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180,NTRDist,AndhraPradesh

April2023

CERTIFICATE

This is to certify that the project report entitled **"MALWARE DETECTION USING MACHINE LEARNING AND PERFORMANCE EVALUATION"** submitted **by S. Naga Lakshmi** Tirumala **(19H71A1228), SK. Shahin (19H71A1248), T. Sandeep (19H71A1247), J. Sai Keerthana (19H71A1245), B. UmaMaheswara Rao (20H75A1201)** to the DVR & Dr. Hs MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Blockchain based Milk Delivery Platform for Stallholder Dairy Farmers in Kenya: Enforcing Transparency and Fair Payment

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

By

B. Lakshmi Deekshitha(19H71A1217)

Y. Sai Preethi(19H71A1246)

M. Charitha Sri(19H71A1205)

P. Srinivas(19H71A1251)

G. Uday(19H71A1256)

Under the Esteemed Guidance of

Mrs. R. Vijaya

Associate Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the Project report entitled **"Blockchain based Milk Delivery for Stallholder Dairy Farmers in Kenya: Enforcing Transparency and Fair Payment "** submitted by **B.LakshmiDeekshitha(19H71A1217),Y.Sai Preethi(19H71A1246), M.Charitha Sri(19H71A1205),P.Srinivas(19H71A1251),G.Uday(19H71A1251)**to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

E - ASSESSMENT USING IMAGE PROCESSING IN EXAMS

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

Bachelor of Technology

In

Information Technology

By

K. Geetha Rama Lakshmi(19H71A1211)

P. Atheeq khan (19H71A1203)

P. Mohan gopi(19H71A1263)

Y. Sneha (19H71A1250)

M.V.S.Vamsi(19H71A1260)

Under the Esteemed Guidance of

Mr. S. Vamsi

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist., A.P, India

CERTIFICATE

This is to certify that the project report entitled **E-Assessment using image processing in exams** submitted by **K. Geetha Rama Lakshmi(19H71A1211), Y. Sneha(19H71A1250), P.Atheeq khan(19H71A1203), M.V.S.Vamsi(19H71A1260), P.Mohan Gopi(19H71A1263)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr HS MIC College of Technology
Kanchikacherla N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ATTENDANCE CAPTURE SYSTEM USING FACE RECOGNITION

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

V. Devi Yasaswi(19H71A1208)
K. Lavanya(19H71A1219)
B. Mani Sai(19H71A1225)
D. Navya Sri(19H71A1233)
S. Poornima Rajeswari(19H71A1234)

Under the Esteemed Guidance of

Mrs. A. Anuradha

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **Attendance Capture System Using Face Recognition** submitted by **V. Devi Yasaswi (19H71A1208), D. Navya Sri (19H71A1233), K. Lavanya (19H71A1219), S.Poornima Rajeswari (19H71A1234), B. Mani Sai (19H71A1225)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MOTORCYCLE NUMBER PLATE DETECTION WITHOUT HELMET

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

by

V. Jaswanth(19H71A1213)
B. Harika(19H71A1212)
A. Teja(18H71A1249)
D.Jusritha(19H71A1214)
G.Rohith(19H71A1242)

Under the Esteemed Guidance of

Mrs. A. Anuradha

Assistant Professor

Department of Information Technology

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla - 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **"Motorcycle Number plate detection without helmet"** submitted by **V. Jaswanth (19H71A1213), D. Jusritha (19H71A1214), B. Harika(19H71A1212), G. Rohith (19H71A1242), A. Teja(18H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph: 273535
A.P.

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MOTORCYCLE NUMBER PLATE DETECTION WITHOUT HELMET

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

by

V. Jaswanth(19H71A1213)

B. Harika(19H71A1212)

A. Teja(18H71A1249)

D.Jusritha(19H71A1214)

G.Rohith(19H71A1242)

Under the Esteemed Guidance of

Mrs. A. Anuradha

Assistant Professor

Department of Information Technology

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla - 521180, NTR Dist. Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **"Motorcycle Number plate detection without helmet"** submitted by **V. Jaswanth (19H71A1213), D. Jusritha (19H71A1214), B. Harika(19H71A1212), G. Rohith (19H71A1242), A. Teja(18H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin - 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ATTENDANCE CAPTURE SYSTEM USING FACE RECOGNITION

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

V. Devi Yasaswi(19H71A1208)
K. Lavanya(19H71A1219)
B. Mani Sai(19H71A1225)
D. Navya Sri(19H71A1233)
S. Poornima Rajeswari(19H71A1234)

Under the Esteemed Guidance of

Mrs. A. Anuradha

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla - 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P, India

CERTIFICATE

This is to certify that the project report entitled **Attendance Capture System Using Face Recognition** submitted by **V. Devi Yasaswi (19H71A1208), D. Navya Sri (19H71A1233), K. Lavanya (19H71A1219), S.Poornima Rajeswari (19H71A1234), B. Mani Sai (19H71A1225)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MOTORCYCLE NUMBER PLATE DETECTION WITHOUT HELMET

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

by

V. Jaswanth(19H71A1213)
B. Harika(19H71A1212)
A. Teja(18H71A1249)
D.Jusritha(19H71A1214)
G.Rohith(19H71A1242)

Under the Esteemed Guidance of
Mrs. A. Anuradha
Assistant Professor

Department of Information Technology

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled "**Motorcycle Number plate detection without helmet**" submitted by **V. Jaswanth (19H71A1213), D. Jusritha (19H71A1214), B. Harika(19H71A1212), G. Rohith (19H71A1242), A. Teja(18H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MOTORCYCLE NUMBER PLATE DETECTION WITHOUT HELMET

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

by

V. Jaswanth(19H71A1213)
B. Harika(19H71A1212)
A. Teja(18H71A1249)
D.Jusritha(19H71A1214)
G.Rohith(19H71A1242)

Under the Esteemed Guidance of

Mrs. A. Anuradha

Assistant Professor

Department of Information Technology

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla - 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist., A.P. India
AUTONOMOUS
NBA-Accredited
NAAC A

CERTIFICATE

This is to certify that the project report entitled **"Motorcycle Number plate detection without helmet"** submitted by **V. Jaswanth (19H71A1213), D. Jusritha (19H71A1214), B. Harika(19H71A1212), G. Rohith (19H71A1242), A. Teja(18H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DETECTION OF CYBER ATTACKS IN NETWORK USING MACHINE LEARNING TECHNIQUES

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

Ch.Manasa(19H71A1223)
M.Rakesh(19H71A1238)
P.Praveen Kumar(19H71A1235)
S.Chandra Mouli(19H71A1204)
V.Likhith Kumar(19H71A1221)

Under the Esteemed Guidance of
Mrs.P.Mareswaramma
Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)
Kanchikacherla -521180,NTRDist,AndhraPradesh

April-2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada

Kanchikacherla - 521180, Krishna Dist. A.P. India

AUTONOMOUS

NBA-Accredited

NAAC A

CERTIFICATE

This is to certify that the project report entitled **Detection of cyber attacks in network using Machine learning Techniques** submitted by **Ch. Manasa (19H71A1223), S. Chandra Mouli(19H71A1204), M. Rakesh (19H71A1238), V. Likhith Kumar(19H71A1221), P. Praveen Kumar(19H71A1235)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

PREDICTION OF BREAST CANCER BY LEVERAGING MACHINE LEARNING ALGORITHM

A Project Report
submitted inpartial fulfillment of the
requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

A. Vamsi Krishna Reddy (19H71A1258)
SK. Fayaz (19H71A1210)
J. Siddha Reddy (19H71A1249)
S. Naga Sai (19H71A1230)
M. Renuka (19H71A1240)

Under the Esteemed Guidance of
B.Triveni, M.Tech
Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

DVR & Dr. HS

MIC College of Technology

(ISO 9001:2015 Certified Institute)

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist. A.P. India

AUTONOMOUS

NBA-Accredited

CERTIFICATE

This is to certify that the project report entitled **Prediction Of Breast Cancer By Leveraging Machine Learning Algorithm** submitted by **A.Vamsi Krishna Reddy (19H71A1258), S.Naga Sai (19H71A1230), SK.Fayaz (19H71A1210), M.Renuka (19H71A1240), J.Siddha Reddy (19H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

E - ASSESSMENT USING IMAGE PROCESSING IN EXAMS

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

Bachelor of Technology

In

Information Technology

By

K. Geetha Rama Lakshmi(19H71A1211)

P. Atheeq khan (19H71A1203)

P. Mohan gopi(19H71A1263)

Y. Sneha (19H71A1250)

M.V.S.Vamsi(19H71A1260)

Under the Esteemed Guidance of

Mr. S. Vamsi

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **E-Assessment using image processing in exams** submitted by **K. Geetha Rama Lakshmi(19H71A1211), Y. Sneha(19H71A1250), P.Atheeq khan(19H71A1203), M.V.S.Vamsi(19H71A1260), P.Mohan Gopi(19H71A1263)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr HS MIC College of Technology
Kanchikacherla-N.T.R.Dt.
Andhra Pradesh-India-Pin-521180

Internal Examiner

External Examiner

MOTORCYCLE NUMBER PLATE DETECTION WITHOUT HELMET

A Project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

by

V. Jaswanth(19H71A1213)
B. Harika(19H71A1212)
A. Teja(18H71A1249)
D.Jusritha(19H71A1214)
G.Rohith(19H71A1242)

Under the Esteemed Guidance of
Mrs. A. Anuradha
Assistant Professor

Department of Information Technology

DVR & Dr.HS

MIC College of Technology

(Autonomous)

Kanchikacherla - 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the project report entitled **"Motorcycle Number plate detection without helmet"** submitted by **V. Jaswanth (19H71A1213), D. Jusritha (19H71A1214), B. Harika(19H71A1212), G. Rohith (19H71A1242), A. Teja(18H71A1249)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute forthe award of any Degree.

Supervisor

MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph: 273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

Blockchain based Milk Delivery Platform for Stallholder Dairy Farmers in Kenya: Enforcing Transparency and Fair Payment

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

IN

INFORMATION TECHNOLOGY

By

B. Lakshmi Deekshitha(19H71A1217)

Y. Sai Preethi(19H71A1246)

M. Charitha Sri(19H71A1205)

P. Srinivas(19H71A1251)

G. Uday(19H71A1256)

Under the Esteemed Guidance of

Mrs. R. Vijaya

Associate Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April-2023

CERTIFICATE

This is to certify that the Project report entitled **"Blockchain based Milk Delivery for Stallholder Dairy Farmers in Kenya: Enforcing Transparency and Fair Payment "** submitted by **B.LakshmiDeekshitha(19H71A1217),Y.Sai Preethi(19H71A1246), M.Charitha Sri(19H71A1205),P.Srinivas(19H71A1251),G.Uday(19H71A1251)**to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work carried out by him/her under my/our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal
PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

PLANT LEAF DISEASE IDENTIFICATION AND PESTICIDE RECOMMENDATION USING CNN

A Project Report submitted in partial

fulfillment of the requirements for the

award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

J. Kavya(19H71A1215) S.Venkata Krishna(19H71A1257)

K. Dharani Sindhu(19H71A1209) B.Ravi(19H71A1239)

M. Krishna Sai(19H71A1216)

Under the Esteemed Guidance of

Mr. K. Mahanthi

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

April 2023

DVR & Dr. HS
MIC College of Technology
ISO 9001:2015 Certified Institute
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla - 521180, Krishna Dist. A.P. India

CERTIFICATE

This is to certify that the project report entitled **"PLANT LEAF DISEASE IDENTIFICATION AND PESTICIDE RECOMMENDATION USING CNN" submitted by J.Kavya (19H71A1215) , S.Venkata Krishna(19H71A1257) , K.Dharani Sindhu(19H71A1209) , B.Ravi (19H71A1239) , M.Krishna Sai(19H71A1216)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submittedto any other Institute forthe award of any Degree

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DETECTION OF CYBER ATTACKS IN NETWORK USING MACHINE LEARNING TECHNIQUES

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY

By

Ch.Manasa(19H71A1223)
S.Chandra Mouli(19H71A1204)
M.Rakesh(19H71A1238)
V.Likhith Kumar(19H71A1221)
P.Praveen Kumar(19H71A1235)

Under the Esteemed Guidance of

Mrs.P.Mareswaramma

Assistant Professor

Department of Information Technology

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180,NTRDist,AndhraPradesh

April-2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada

Kanchikacherla - 521180, Krishna Dist., A.P, India

CERTIFICATE

This is to certify that the project report entitled **Detection of cyber attacks in network using Machine learning Techniques** submitted by **Ch. Manasa (19H71A1223), S. Chandra Mouli(19H71A1204), M. Rakesh (19H71A1238), V. Likhith Kumar(19H71A1221), P. Praveen Kumar(19H71A1235)** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Bachelor of Technology in **Information Technology** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P, India.
Tel.No : 08678-273535/9491457799/7382616824
Website : www.mictech.edu.in

Accredited by NAAC With Grade A
ISO 9001 : 2015 Certified

DEPARTMENT OF INFORMATION TECHNOLOGY

A.Y:2022-23

IV B.Tech IT VIII Semester List of Major Projects

REG No	Name of the Student	TITLE OF THE PROJECT	PROJECT SUPERVISOR
21H71F0001	Ajay Kumar J	Brain Tumour Detection Using Machine Learning	A. Anuradha
21H71F0002	Aswini P	Dynamic Group Oriented Provable Data Possession in the Cloud	A. Anuradha
21H71F0003	Basava ManiKanta B	Authentication by Encrypted Negative Password	A. Anuradha
21H71F0004	Bhanu Prakash S	An Approach For Prediction Of Loan Approval Using Machine Learning	A. Anuradha
21H71F0005	Chiranjeevi P	Fake Currency Detection Using Deep Learning	A. Anuradha
21H71F0006	Deepthi K	A New Deep Learning Model For Skin Cancer Classification	A. Anuradha
21H71F0007	Dhanush Kumar G	Practical Multi keyword Ranked Search with Control Over Encrypted Cloud Data	R. Vijaya
21H71F0008	Divya k	Pothole Detection Using Machine Learning Algorithm	R. Vijaya
21H71F0009	Durga Rao T	Air Quality Index Calculator Using Machine Learning	R. Vijaya
21H71F0010	Durga Reddy E	Flood Prediction Using Machine Learning Algorithm	R. Vijaya
21H71F0011	Durga Rao V	A New Service Mechanism For Profit Optimization Of a Cloud Provider and It's Users	R. Vijaya
21H71F0012	Gopi D	Attacking and Protecting Data Privacy in Edge-Cloud Collaborative Interface System	R. Vijaya
21H71F0013	Gopi Krishna K		P. Mareswaramma
21H71F0014	Gopi Narendar Reddy S	Attribute Based Storage Supporting Secure Deduplication of Encrypted data in cloud	P. Mareswaramma
21H71F0015	Gunteiah Y	A Fast Nearest Neighbour Search Schema Over Out Sourced Encrypted	P. Mareswaramma

		Medical images	
21H71F0016	Haritha K	Efficient CP – ABE Scheme With Share Decryption in Cloud Storage	P. Mareswaramma
21H71F0017	Haritha M	Multi – Authority Attribute – Based Keyword Search Over Encrypted Cloud Data	P. Mareswaramma
21H71F0018	Haritha P	Enabling Secure and Space -Efficient Meta Data Management for Encrypted Duplication	P. Mareswaramma
21H71F0019	Indrani B	Applying Data Science Principles To Classify Ediable Or Poisonous Mushrooms	K. Mahanthi
21H71F0020	Jagadeesh P	Gold Price Prediction Using Machine Learning	K. Mahanthi
21H71F0021	Jaya Shankara Acharaya V	Block Chain Based Certificate Validation	K. Mahanthi
21H71F0022	Keerthi Sri D	Mail Bot Through Voice Using AI Speech Recognition	K. Mahanthi
21H71F0023	Krishna Vamsi CH	Analysis Of Flight Delay Data Using Different Machine Learning Algorithms	K. Mahanthi
21H71F0024	Lavanya N	Crypto Cloud+Secure and Expressive Data Access Control For Cloud Storage	K. Mahanthi
21H71F0025	Likhitha S	Girls Protected from Harrasement and Fradulent Calls : A Voice to Text Approach	S. Lavanya
21H71F0026	Likith Sai B	Early Prediction Of Lower Birth Weight Cases Using Machine Learning Approach	S. Lavanya
21H71F0027	Madhu Sudhana Rao T	Spam Email Detection Using Machine Learning Techniques	S Lavanya
21H71F0028	Mamatha N	Electricity Theft Detection in Smart Grids Based on Deep Neural Network	S Lavanya
21H71F0029	Manasa V	Detection Of Cyber Bullying On Social Media Using Machine Learning	S Lavanya
21H71F0030	Manikanta K	Child Mortality Prediction Using Machine Learning Techniques	S Lavanya
21H71F0031	Meghana D	Smart Control Of Traffic Lights Using Artifical Intelligence	G Ramamohana Rao
21H71F0032	Naga Pavani P	The CNN and DPM Based Approach For Multiple Object Detection in Images	G Ramamohana Rao
21H71F0033	Nagaraju J	Price Negotiating Chat Bot On E-	G Ramamohana

		Commerce Website	Rao
21H71F0034	Narendra G	Flight Price Prediction For Users By Machine Learning	G Ramamohana Rao
21H71F0035	Narendra K	Hazards Identification And Detection Using Machine Learning Approach	G Ramamohana Rao
21H71F0036	Naveen M	A Driving Decision Strategy (DDS) Based on Machine Learning for an Autonomous Vehicles	G Ramamohana Rao
21H71F0037	Naveen N	A Decision Tree Based Recommendation System For Tourists	B Murali Krishna
21H71F0038	Poojitha B	Car Price Prediction For Used Cars	B Murali Krishna
21H71F0039	Prasanthi N	Detecting Impersonators in Examination Hall using AI	B Murali Krishna
21H71F0040	Praveen Babu M	Walmart Sales Prediction Using Machine Learning	B Murali Krishna
21H71F0041	Raghavendra Reddy Ch	Calorimeter: Food Calorie Estimation Using Machine Learning	B Murali Krishna
21H71F0042	Rajya Lakshmi P	Machine Learning and End -to-End Deep Learning For The Detection of Chronic Heart Failure From Heart Sounds	B Murali Krishna
21H71F0043	RAMESH.G	Detecting Suspicious file Migration Or Replication in the Could	S Vamsi
21H71F0044	RAMYA.P	Drug Recommendation System Based on Sentiment Analysis of Drug Reviews Using Machine Learning	S Vamsi
21H71F0045	RAVI.E	Crime Analysis Mapping, IntrusionDetection - Using Data Mining	S Vamsi
21H71F0046	ROHIT VARMA.M	Certificateless Public Integrity Checking of Group Shared Data on Cloud Storage	S Vamsi
21H71F0047	ROSAIAH.J	Designing Secure and Efficient Image - Based Secure Access Mechanism for Could services	S Vamsi
21H71F0048	RUBEN.M	Age and Gender prediction using Deep Learning	S Vamsi
21H71F0049	SAHITHI.P	SESPHR: A Methodology for Secure Sharing ofpersonal Health Records in the Could	B Triveni
21H71F0050	SAHITHYA. U	A Road Accident Prediction Model Using Data Mining Techniques	B Triveni
21H71F0051	SAI KUMAR.P	Trust Assessment in Online Social Networks	B Triveni

21H71F0052	SAI VARSHA.N	Dual Access Control for Cloud-Based Data Storage Sharing	B Triveni
21H71F0053	SASIDHAR.P	SEPDP: a Secure and Efficient Privacy Preserving Probable Data Possession in Cloud Storage	B Triveni
21H71F0054	SHAIK BIBI AYESHA	Understanding Citizens Emotional Purse in a Smart City Using AI	B Triveni
21H71F0055	SHAIK SIRAJUNNISA	Wine Quality Prediction Using Machine Learning	S Mounika
21H71F0056	SHAIK USMAN	Forensic Scanner Identification using Machine Learning	S Mounika
21H7F1F0057	Siva sankar K	Android Malware Detection Using Genetic Algorithm Based Optimized Feature Selection And Machine Learning	S Mounika
21H7F1F0058	Srilekha Ch	Analysis And Prediction Of Industrial Accidents Using Machine Learning	S Mounika
21H71F0059	Susmitha Srivalli M	Software Defects Estimation Using Machine learning Algorithms	S Mounika
21H71F0060	Syam Prasad K	Vehicle Accident Detection System Using Deep Learning	S Mounika
21H71F0062	Vasanthi B	Machine Learning Fraud Detection Of Online Marketing	Uddandu Saheb
21H71F0063	V L Sai Subramanyam S	Medical Insurance Cost Prediction of using Machine Learning	Uddandu Saheb
21H71F0064	Vishnu Vardhan M	A Model For Prediction of Consumer Conduct Using Machine Learning Algorithm	Uddandu Saheb
21H71F0065	Yeswanth Kumar V	Predicting The Price Of Bitcoin Using Machine Learning	Uddandu Saheb

Signature of Coordinator **Signature of HoD**

(Mr.K.Mahanthi) **(Mrs.A.Anuradha)**

AUNTHENTICATION BY ENCRYPTED NEGATIVE PASSWORDS

A Project Report Submitted in partial Fulfillment of the Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

BASAVA MANIKANTA BADE

(21H71F0003)

Under the esteemed guidance of

Mrs. A. ANURADHA

ASSISTANT PROFESSOR

Department of Computer Applications

DVR & DR. HS MIC COLLEGE OF TECHNOLOGY

(Autonomous)

Kanchikacherla – 521180, NTR District, Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: 08678-273535,9491457799,7382616824
Website : www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled **"AUTHENTICATION BY ENCRYPTED NEGATIVE PASSWORDS"** submitted by **Mr. BASAVA MANIKANTA BADE (21H71F0003)** to the **DVR & Dr. HS MIC College of Technology** in partial fulfillment of the requirements for the award of the Degree **Master of Computer Application** in **Department of computer applications** is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report,in full or in parts have not been submitted to any other instistute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

PRACTICAL MULTI-KEYWORD RANKED SEARCH WITH ACCESS CONTROL OVER ENCRYPTED CLOUD DATA

A Project Report submitted in partial

fulfillment of the requirements for

the award of the Degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

GAJULA DHANUSH KUMAR

(Reg. No: 21H71F0007)

Under the Esteemed Guidance of

Mrs. R. VIJAYA

ASSOCIATE PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P, India
Tel No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project Report entitled **"Practical Multi Keyword Ranked Search With Access Control Over Encrypted Cloud Data"** submitted by **Mr. Dhanush Kumar Gajula (21H71F0007),** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Post Graduation in **MCA** is a bonafide record of work carried out by him under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

A NEW DEEP LEARNING MODEL FOR SKIN CANCER CLASSIFICATION

A Project Report Submitted in partial fulfillment

of the Requirements for the award of the degree

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

K.DEEPTHI

(21H71F0006)

Under esteemed guidance of

Mrs.A. ANURADHA

ASSOCIATE PROFESSOR

DEPARTMENT OF COMPUTER APPLICATION

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist , Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK Kakinada)
Kanchikacherla-521180 NTR Dist. A.P. India
Tel.No 08678-273535 9491457799 7382616824
Website www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled **"A NEW DEEP LEARNING MODEL FOR SKIN CANCER CLASSIFICATION"** submitted by **Ms.K.DEEPTHI (21H71F0006)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a bonifide record of work carried out by her under my guidance and supervision. The contents of this report ,in full or in parts , have not been submitted to any otherinstitute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Fake Currency Detection Using Deep Learning

A Project Report Submitted in partial

fulfilment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

CHIRANJEEVI POTLURI

(21H71F0005)

Under the esteemed guidance of

Mrs. A. ANURADHA.

Associate Professor

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist. Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No 08678-273535 9491457709 7382616824
Website : www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled **"Fake Currency Detection Using Deep Learning"** submitted by **Mr.P CHIRANJEEVI (21H71F0005)** to the **DVR & Dr. HS MIC College of Technology** in partial fulfilment of the requirements for the award of the degree master of computer applications in department of **DCA** is a Bonafide record of work carried out by him under my guidance and supervision The contents of this report ,in full or in parts have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Ph : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

AN APPROACH FOR PREDICTION OF LOAN APPROVAL USING MACHINE LEARNING TECHNIQUES

A Project Report Submitted in partial

fulfillment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATIONS

IN

DEPARTMENT OF COMPUTER APPLICATION

BY

S. BHANU PRAKASH

Regd. No: 21H71F0004

Under The Esteemed Guidance Of

Mrs. A. ANURADHA

Associate Professor

DEPARTMENT OF COMPUTER APPLICATION

DVR & DR. HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180, NTR District, Andhra Pradesh

July-**2023**

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: 08678-273535,9491455799,7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled to " **AN APPROACH FOR PREDICTION OF LOAN APPROVAL USING MACHINE LEARNING TECHNIQUES**" submitted by **SIDHANATHI BHANU PAKASH (21H71F0004)** to DVR & Dr HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree of **Master of Computer Application** In Department Computer Of Applications is a bonafide record of project work carried out by them under our guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any Degree.

Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin - 521180
Ph:273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Air Quality Index Calculator Using Machine Learning

A Project Report submitted in partial
fulfillment of the requirements for
the award of the Degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

DURGARAO THURAKA

(Reg. No: 21H71F0009)

Under the Esteemed Guidance of

Mrs. R. VIJAYA
ASSOCIATE PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: 08678-273535,9491457799,7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled " **Machine Learning Air Quality Index Calculator** " submitted by **Mr.DURGARAO THURAKA (21H71F0009)** to the DVR & Dr. HS MIC College of Technologyin partial fulfillment of the requirements for the award of the Degree **Master of Computer Applicationin** Department of DCA is a bonafide record of work carried out by him under my guidance and supervision. The contents of this report , in full or in parts , have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

POTHOLE DETECTION USING MACHINE LEARNING ALGORITHMS

A Project Report submitted in partial fulfillment of the requirements for the award of the Degree of

POST GRADUATION

In

MCA

By

KUMBHAM DIVYA

Reg. No: 21H71F0008

Under the Esteemed Guidance of

Mrs. R. Vijaya

Associate Professor

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: 08678-273535,9491457799,7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project Report entitled **"POTHOLE DETECTION USING MACHINE LEARNING ALGORITHMS"** submitted by **Kumbham Divya (21H71F0008),** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Post Graduation in **MCA** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Car Price Prediction for Used Cars

A comparison of Machine Learnings Regressions Models

A Project Report submitted in partialfulfilment of the requirements for the award of the Degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATION

BY

BATRAJU POOJITHA

(21H71F0038)

Under the esteemed guidance of

MR.B. MURALI KRISHNA

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER APPLICATION

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

JULY, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P, India
Tel No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled " Car Price Prediction for Used Cars Using Machine Learning " submitted by **Mrs. B. POOJITHA (21H71F0038)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

A DECISION TREE BASED RECOMMENDATION SYSTEM FOR TOURISTS

A Project Report Submitted in partial fulfillment

of the Requirements for

the award ofthe degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

NAVEEN NADAKUDITI

(21H71F0037)

Under the esteemed guidance of

Mr. B. MURALI KRISHNA

Assistant Professor

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

June, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: [illegible]
Website: [illegible]

Accredited by NAAC With Grade A

CERTIFICATE

This is to certify that the project report entitled "**A DECISION TREE BASED RECOMMENDATION SYSTEM FOR TOURISTS**" submitted by Mr. **N. Naveen (21H71F0037)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in Department of Computer Applications is a Bonafede record of work carried out by him under my guidance and supervision. The contents of this report in full or in parts have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

A Driving Decision Strategy(DDS) Based on Machine learning for an autonomous vehicle

A Project Report Submitted in partial
fulfillment of the Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

MR. MUGUTA NAVEEN

(21H71F0036)

Under the esteemed guidance of

Mr. G. RAMAMOHANA RAO
ASSISTANT PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology (Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

July- 2023

CERTIFICATE

This to certify that the project report entitled "**A Driving Decision Strategy (DDS) Based on Machine learning for an autonomous vehicle** "submitted by **Mr. M.NAVEEN (21H71F0036)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in Department of Computer Applications is a bona fide record of work carried out by his under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin: 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

HAZARDS IDENTIFICATION AND DETECTION USING MACHINE LEARNING APPROACH

A Project Report Submitted in partial fulfillment of the Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

KADAVAKOLLU NARENDRA

(21H71F0035)

Under the esteemed guidance of

Mr. G. RAMAMOHANA RAO
ASSISTANT PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist., Andhra Pradesh

July- 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist., A.P., India
Tel No: [illegible]
Website: [illegible]

CERTIFICATE

This to certify that the project report entitled "**HAZARDS IDENTIFICATION AND DETECTION USING MACHINE LEARNING APPROACH** "submitted by **Mr. K. NARENDRA (21H71F0035)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in Department of Computer Applications is a bonafide record of work carried out by him under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

FLIGHT PRICE PREDICTION FOR USERS BY MACHINE LEARNING

A Project Report Submitted in partial fulfillment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

Mr. GHANTASALA NARENDRA

(21H71F0034)

Under the esteemed guidance of

Mr. G. RAMAMOHANA RAO

ASSISTANT PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology (Autonomous)

Kanchikacherla –521180, NTR Dist , Andhra Pradesh

July - 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This to certify that the project report entitled "**FLIGHT PRICE PREDICTION FOR USERS BY MACHINE LEARNING** "submitted by **Mr.G.NARENDRA (21H71F0034)** to the DVR & Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in Department of Computer Applications is a bonafide record of work carried out by him under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph.273535

Supervisor **Head of the Department**

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Mahanth

Internal Examiner **External Examiner**

A NEW SERVICE MECHANISM FOR PROFIT OPTIMIZATIONS OF A CLOUD PROVIDER AND ITS USERS

A Project Report submitted in partial

fulfillment of the requirements for

the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPERTMENT OF COMPUTER APPLICATIONS

By

VALASAPALLI DURGARAO

(Reg. No: 21H71F0011)

Under the Esteemed Guidance of

Mrs. R. Vijaya

ASSOCIATE PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

A NEW SERVICE MECHANISM FOR PROFIT OPTIMIZATIONS OF A CLOUD PROVIDER AND ITS USERS

A Project Report submitted in partial

fulfillment of the requirements for

the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPERTMENT OF COMPUTER APPLICATIONS

By

VALASAPALLI DURGARAO

(Reg. No: 21H71F0011)

Under the Esteemed Guidance of

Mrs. R. Vijaya

ASSOCIATE PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: [illegible]
Website: [illegible]

Accredited by NAAC A With Grade

CERTIFICATE

This is to certify that the project Report entitled **"A NEW SERVICE MECHANISM FOR PROFIT OPTIMIZATIONS OF A CLOUD PROVIDER AND ITS USERS"** submitted By **VALASAPALLI DURGARAO (21H71F0011),** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree **Master Of Computer Applications** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Mahanthi

Internal Examiner

External Examiner

FLOOD PREDDICTION USING MACHINE LEARNING ALGORITHMS

Project Report Submitted In partial fulfillment of the requirements

for the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPERTMENT OF COMPUTER APPLICATIONS

By

DURGA REDDY ESTHALAMURI

(21H71F0010)

Under the Esteemed Guidance of

Mrs. R. VIJAYA

ASSOCIATE PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: [illegible]
Website: [illegible]

CERTIFICATE

This is to certify that the project report entitled "**FLOOD PREDICTION USING MACHINE LEARNING ALGORITHMS**". Submitted by Mr. **Durga Reddy. E(21H71F0010)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree of **Master of Computer Application** in Department of DCA is a bonafide record of work carried out by him under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin. 521180
Ph. 273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Calorimeter: Food Calorie Estimation using Machine Learning

A Project Report Submitted partial

fulfilment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

CH. RAGHAVENDRA REDDY

(21H71F0041)

Under the esteemed guidance of

Mr. B. Murali Krishna

Assistant Professor

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P. India
Tel.No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

Accredited by NAAC With Grade A

ISO 9001:2015 Certified

CERTIFICATE

This is to certify that the project report entitled " **Calorimeter: Food Calorie Estimation using Machine Learning**" submitted by **Mr.CH. RAGHAVENDRA REDDY (21H71F0041)** to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree **Master of Computer Applications** in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report ,in full or in parts , have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Ph: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Predicting Walmart Sales Using Machine Learning

A Project Report submitted in partialfulfillment of the requirements for the award of the Degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATION
BY

PRAVEEN BABU
(21H71F0040)

Under the esteemed guidance of

MR.B.MURALI KRISHNA
ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER APPLICATION

DVR & Dr. HS

MIC College of Technology

(AUTONOMOUS)

Kanchikacherla – 521180, NTR Dist, Andhra Pradesh

JULY-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No. 01678-273535/9491457799/7382616824
Website www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled " Car Price Prediction for Used Cars Using Machine Learning " submitted by Mr. PRAVEEN BABU (21H71F0040) to the DVR & Dr. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a Bonafede record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Supervisor

Internal Examiner

K. Mahesh

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Head of the Department

External Examiner

DETECTING IMPERSONATORS IN EXAMINATION HALL USING AI

A Project Report

Submitted in partial fulfillment of the

requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

NAMBURI PRASANTHI

Reg. No: 21H71F0039

Under the Esteemed Guidance of

Mr. B. MURALI KRISHNA

Assistant Professor

Department of Computer Applications

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P, India
Tel No: 08678-2[illegible]
Website: [illegible]

CERTIFICATE

This is to certify that the project Report entitled **"DETECTING IMPERSONATORS IN EXAMINATION HALL USING AI"** submitted by **NAMBURI PRASANTHI (21H71F0039)**, to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Post Graduation in **MCA** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

SPAM EMAIL DETECTION USING MACHINE LEARNING TECHNIQUES

A Project Report Submitted in partial

Fulfillment of the Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

Mr. TUMMADAPU MADHU SUDHANA RAO

(21H71F0027)

Under the esteemed guidance of

Mrs S. LAVANYA

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist... , Andhra Pradesh

July- 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: 08678-273535/9491457799/7382316824
Website: www.mictech.edu.in

CERTIFICATE

This to certify that the project report entitled" **SPAM EMAIL DETECTION USING MACHINE LEARNINGTECHNIQUES"** submitted by **Mr. Tummadapu Madhu sudhana rao(21H71F0027)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Master of Computer Application in Department of Computer Application is a bona fide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor 17/1/23

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

Early Prediction Of Lower Birth Weight (LBW) Cases Using Machine Learning Approach

A Project Report Submitted in partial fulfillment of the Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

LIKITH SAI BIKKINA
(21H71F0026)

Under the esteemed guidance of

Mrs.S.Lavanya

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla, NTR Dist, Andhra Pradesh - 521180

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: 08678-273535/9491457799/7382616824
Website: www.mcdcoll.edu.in

CERTIFICATE

This is to certify that the project report entitled " **Early Prediction Lower Birth Weight (LBW)Cases Using Machine Learning Approach**" submitted by **Mr.B. Likith Sai (21H71F0026)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Application** in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

17/7/23

Supervisor **Head of the Department**

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner **External Examiner**

GIRLS PROTECTED FROM HARASSMENT AND FRADULENT CALLS:A VOICE TO TEXT APPROACH

A Project Report

Submitted in partial fulfillment of the

requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

SADINENI LIKHITHA

Reg. No: 21H71F0025

Under the Esteemed Guidance of

Ms. S. LAVANYA

Assistant Professor

Department of Computer Applications

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: 08678-273515/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project Report entitled **"GIRLS PROTECTED FROM HARASSMENT AND FRADULENT CALLS:A VOICE TO TEXT APPROACH"** submitted by SADINENI LIKHITHA **(21H71F0025)**, to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Post Graduation in **MCA** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor 7/7/23

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

ANALYSIS OF FLIGHT DELAY DATA USING DIFFERENT MACHINE LEARNING ALGORITHMS

A Project Report Submitted in partial

fulfillment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

CH.KRISHNA VAMSI

(21H71F0023)

Under the esteemed guidance of

Mr.K.MAHANTHI

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

July- 2023

DVR & Dr HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India.
Tel No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This to certify that the project report entitled "**ANALYSIS OF FLIGHT DELAY DATA USING DIFFERENT MACHINE LEARNING ALGORITHMS** " submitted by **Mr.CH .KRISHNA VAMSI (21H71F0023)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Application** in Department of DCA is a bona fide record of work carried out by him under my guidance and supervision. The contents of this report ,in full or in parts , have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

CRYPTCLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUD STORAGE

A Project Report submitted in partial
fulfillment of the requirements for
the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPERTMENT OF COMPUTER APPLICATIONS

By

NARAGANI LAVANYA

(Reg. No: 21H71F0024)

Under the Esteemed Guidance of

Mr. K. MAHANTHI

ASSISTANT PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, N.T.R. Dist., A.P. India
Tel No: [illegible]
Website: [illegible]

CERTIFICATE

This is to certify that the project Report entitled **"CRYPTCLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUDSTORAGE"** submitted by **NARAGANI LAVANYA(21H71F0024),** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in the Department of DCA is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

K. Mahanth
Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Mahanth
Internal Examiner

External Examiner

SMART CONTROL OF TRAFFIC LIGHTS USING ARTIFICIAL INTELLIGENCE

A Project Report submitted in partial fulfillment of the

Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

Ms.DAMULURI MEGHANA

Reg. No: 21H71F0031

Under the Esteemed Guidance of

Mr.G. RAMAMOHANA RAO

Assistant Professor

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No.: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project Report entitled **"Smart Control Of Traffic Lights Using Artificial Intelligence"** submitted by **Damuluri Meghana(21H71F0031)**, to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Post Graduation in **MCA** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin : 521180 Ph.273535

Supervisor **Head of the Department**

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Mahanth.

Internal Examiner **External Examiner**

CRYPTCLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUD STORAGE

A Project Report submitted in partial
fulfillment of the requirements for
the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPERTMENT OF COMPUTER APPLICATIONS

By

NARAGANI LAVANYA

(Reg. No: 21H71F0024)

Under the Esteemed Guidance of

Mr. K. MAHANTHI

ASSISTANT PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project Report entitled **"CRYPTCLOUD+: SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUDSTORAGE"** submitted by **NARAGANI LAVANYA(21H71F0024),** to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in the Department of DCA is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

K. Maharth
Supervisor

Head of the Department

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin: 521180
Ph.273535

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Maharth
Internal Examiner

External Examiner

CHILD MORTALITY PREDICTION USING MACHINE LEARNING TECHNIQUES

A Project Report Submitted in partial

fulfillment of the Requirement for

the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

KOTTE MANIKANTA

(21H71F0030)

Under the esteemed guidance of

Mrs.S.Lavanya

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS

CERTIFICATE

This is to certify that the project report entitled "Child Mortality Prediction using Machine Learning Techniques" submitted by Mr.K.Manikanta (21H71F0030) to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a bonafide record of work carried out by him under my guidance and supervision. The contents of this report ,in full or in parts , have not been submitted to any other instistute for the award of any Degree.

17/1/23

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DETECTION OF CYBERBULLYING ON SOCIAL MEDIA USING MACHINE LEARNING

A Project Report

submitted in partial fulfillment of the

requirements for the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

IN

DEPARTMENT OF COMPUTER APPLICATIONS

By

VENTRAPRAGADA MAANASA

Reg.No : 21H71F0029

Under the Esteemed Guidance of

Mrs. S. LAVANYA

Assistant Professor

Department of Computer Applications

DVR & Dr. HS

MIC COLLEGE OF TECHNOLOGY

(Autonomous)

Kanchikacherla-521180, NTR dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No. 08678-273535/9401457799/7382616824
Website: www.mic-tech.edu.in

CERTIFICATE

This is to certify that the Project Report entitled **"Detection of CyberBullying on Social Media Using Machine Learning"** submitted by **Ventrapragada Maanasa (21H71F0029)**, to the DVR & Dr. HS MIC College of Technology, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications in Department of Computer Applications during the year 2022-2023, is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any degree.

Supervisor 17/1/23

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin: 521180 Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Mahanth

Internal Examiner

External Examiner

ELETRICITY THEFT DETECTION IN SMART GRIDS BASED ON DEEP NEURAL NETWORK

A Project Report Submitted in partial

fulfillment of the Requirement for

the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

NALLAMOTHULA MAMATHA

(21H71F0028)

Under the esteemed guidance of

Mrs.S.LAVANYA

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P. India
Tel No: 08678-273535/9491457700/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled " **Electricity Theft Detection in Smart Grids Based On Deep Neural Network**" submitted by **Ms.N.Mamatha** (21H71F0028) to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a bona fide record of work carried out by her under my guidance and supervision. The contents of this report ,in full or in parts , have not been submitted to any otherinstitute for the award of any Degree.

Supervisor 17/1/23

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

DRUG RECOMMENDATION SYSTEM BASED ON SENTIMENT ANALYSIS OF DRUG REVIEWS USING MACHINE LEARNING

A Project Report submitted in partial
fulfillment of the requirements for
the award of the Degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPERTMENT OF COMPUTER APPLICATIONS

By

PEDAMALLA RAMYA

(Reg. No: 21H71F0044)

Under the Esteemed Guidance of

Mr. S. VAMSI

ASSISTANT PROFESSOR

Department of Computer Applications

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla– 521180, NTR Dist, Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist, A.P, India
Tel.No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the Project Report entitled **DRUG RECOMMENDATION SYSTEM BASED ON SENTIMENT ANALYSIS OF DRUG REVIEWS USING MACHINE LEARNING** submitted by **PEDAMALLA RAMYA (21H71F0044)** to the DVR & Dr. HS MIC College of Technology in Kanchikacherla in partial fulfillment of the requirements for the award of the Degree **Master of Computer Applications** in the Department of **DCA** is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India - Pin: 521180

Internal Examiner

External Examiner

DETECTING SUSPICIOUS FILE MIRATION OR REPLICATION IN THE CLOUD

A Project Report Submitted in partial fulfillment of the Requirements for the award of the degree of

MASTERS OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

BY

G.RAMESH

Reg.No:21H71F0043

Under the esteemed guidance of
Mr. S. Vamsi
ASSISTANT PROFESSOR

Department of Computer Applications

DVR& Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla-521180, NTR Dist., Andhra Pradesh

July-2023

DVR & Dr. HS

MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)

Kanchikacherla - 521180, Krishna Dist. A.P. India

CERTIFICATE

This is to certify that the project report entitled "**DETECTING SUSPICIOUS FILE MIGRATION OR REPLICATION IN THE CLOUD**" submitted by **Mr.G.RAMESH (21H71F0043),** to the DVR & Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master Of Computer Application** in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

MACHINE LEARNING AND END-TO-END DEEP LEARNING FOR THE DETECTION OF CHRONIC HEART FAILURE FROM HEART SOUNDS

A Project Report Submitted in partial

fulfillment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATIONS

In

DEPARTMENT OF COMPUTER APPLICATIONS

By

N.RAJYA LAKSHMI

(21H71F0042)

Under esteemed guidance of

Mr.B.MURALI KRISHNA
ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER APPLICATIONS

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla – 521180, NTR Dist , Andhra Pradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No.: 08678-273535/9491457790/7382616824
Website: www.mcdvrhs.edu.in

Accredited by NAAC A With Grade

CERTIFICATE

This to certify that the project report entitled "MACHINE LEARNING AND END-TO-END DEEP LEARNING FOR THE DETECTION OF CHRONIC HEART FAILURE FROM HEART SOUNDS" submitted by NEELAPALA RAJYA LAKSHMI(21H71F0042),to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a bona fiderecord of work carried out by her under my guidance and supervision. The contents of this report ,in full or in parts , have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY Kanchikacherla Pin 521180 Ph. 273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

CRIME ANALYSIS MAPPING, INTRUSION DETECTION-USING DATA MINING

A Project Report Submitted in partial fulfillment of the Requirements for the award of the degree of

MASTERS OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATION

BY

E.RAVI

Reg.No:21H71F0045

Under the esteemed guidance of

Mr. S. Vamsi

ASSISTANT PROFESSOR

Department of Computer Applications

DVR& Dr. HS

MIC College of Technology

(Autonomous)

JULY-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project report "**Crime Analysis Mapping, Intrusion Detection-Using Data Mining**" submitted by **Mr.E.RAVI (21H71F0045)** to the DVR & Dr.HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master Of Computer Application** in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

SUPERVISOR

Head of Department

PRINCIPAL

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

SESPHR: A METHODOLOGY FOR SECURE SHARING OF PERSONAL HEALTH RECORDS IN THE CLOUD

A Project Report Submitted in partial ful fillment of
the Requirements
for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

PADAMATI SAHITHI
(21H71F0049)

Under the esteemed guidance of

Ms.B.TRIVENI
ASSISTANT PROFESSOR

Department of Computer Application

DVR&Dr.HS
MIC COLLEGE OF TECHNOLOGY
(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

June, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel.No: 08678-273535/9401457799/7382616824
Website: www.mictech.edu.in

NAAC A

CERTIFICATE

This is to certify that the project report entitled **"SESPHR: A METHODOLOGY FOR SECURE SHARING OF PERSONAL HEALTH RECORDS IN THE CLOUD"** submitted by **Ms.P.SAHITHI (21H71F0049)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Application** in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin 521180
Ph 273535

Supervisor **Head of the Department**

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner **External Examiner**

UNDERSTANDING CITIZENS EMOTIONAL PULSE IN A SMART CITY USING ARTIFICIAL INTELLIGENCE

A Project Report Submitted in partial fulfillment

of the Requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

SHAIK BIBI AYESHA

(21H71F0054)

Under the esteemed guidance of

Ms.B. TRIVENI

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist, Andhra Pradesh

June, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla 521180, NTR Dist. A.P. India
Tel No: [illegible]
Website: [illegible]

CERTIFICATE

This is to certify that the project report entitled **"UNDERSTANDING CITIZENS EMOTIONAL PULSE IN A SMART CITY USING ARTIFICIAL INTELLIGENCE "** submitted by **Ms.SK.BIBI AYESHA (21H71F0054)** to the DVR & Dr. HS MIC College of Technology in partial fulfillment of the requirements for the award of the Degree **Master of Computer Application** in Department of DCA is a bonafide record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

Designing Secure and Efficient Image -Based Secure Access Mechanism for Cloud Services

A Project Report Submitted in Partial Fulfillment of Requirement for the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

J. ROSAIAH
(21H71F0047)

Under the esteemed guidance of

Mr. vamsi. S

ASSISTANT PROFESSOR

Department of Computer Application

DVR & Dr. HS

MIC College of Technology

(Autonomous)

Kanchikacharla-521180, NTR Dist.,Andhra Pradesh

July- 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: 08678-273535/9491457799/7382616824
Website: www.mictech.edu.in

CERTIFICATE

This is to certify that the project report entitled "**DESIGGNING SECURE AND EFFICIENT BIOMETRIC-BASED SECURE ACCESS MACHANISM FOR CLOUD SERVICE**" submitted by **Mr. ROSAIAH.J (21H71F0047)** to the **DVR & Dr. HS MIC College of Technology** in partial fulfillment of the requirements for the award of the Degree Master of Computer Application in Department of DCA is a Bonafede record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examinar

Age and Gender Prediction using Deep Learning

A Project Report Submitted in partial

fulfilment of the Requirements for

the award of the degree of

MASTER OF COMPUTER APPLICATION

In

DEPARTMENT OF COMPUTER APPLICATION

By

RUBEN MUPPALLA
(21H71F0048)

Under the esteemed guidance of

Mr. VAMSI. S
ASSISTANT PROFESSOR

Department of Computer Application

DVR &DR. HS

MIC College of Technology

(Autonomous)

Kanchikacherla–521180, NTR Dist. Andhra Pradesh

July, 2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: [illegible]
Website: [illegible]

CERTIFICATE

This is to certify that the project report entitled "**Age and Gender Prediction using Deep Learning**" submitted by **Mr. M. RUBEN (21H71F0048)** to the DVR & DR. HS MIC College of Technology in partial fulfilment of the requirements for the award of the Degree **Master of Computer Application** in Department of DCA is a Bonafede record of work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other institute for the award of any Degree.

Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

Internal Examiner

External Examiner

A ROAD ACCIDENT PREDICTION MODEL USING DATA MINING TECHNIQUES

A project Report

Submitted in partial fulfillment of the

Requirements for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATION

By

UNNAM SAHITHYA

Reg.No: 21H71F0050

Under the Esteemed Guidance of

Ms.B.TRIVENI

Assistant Professor

Department of computer Applications

DVR &Dr.HS MIC COLLEGE OF TECHNOLOGY

(Autonomous)

Kanchikacherla-521180,NTRDist,AndhraPradesh

July-2023

DVR & Dr. HS
MIC College of Technology
AUTONOMOUS
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)
Kanchikacherla-521180, NTR Dist. A.P. India
Tel No: [illegible]
Website: [illegible]

CERTIFICATE

This is to certify that the project Report entitled **"A Road Accident Prediction Model Using Data Mining Techniques"** submitted by **Unnam Sahithya (21H71F0050)**, to the **DVR & Dr. Hs MIC College of Technology**, Kanchikacherla in partial fulfillment of the requirements for the award of the Degree Post Graduation in **MCA** is a bonafide record of work. The contents of this report, in full or in parts, have not been submitted to any other Institute for the award of any Degree.

B. [signature]
Supervisor

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY
Kanchikacherla
Pin : 521180
Ph.273535

Head of the Department

Principal

PRINCIPAL
DVR & Dr. HS MIC College of Technology
Kanchikacherla, N.T.R. Dt.
Andhra Pradesh, India – Pin: 521180

K. Mahanth
Internal Examiner

External Examiner

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

KONDA APARNA

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

With Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA176890

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

K.Bhavani

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-078

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Vattivella Bindu Sri Priya

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 01/11/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-052

Date : 06/01/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Chandu M

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-132

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Tadikonda Ganesh Manikanta Naga Saikrishn

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-063

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Garmidi Gopi Krishna

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-051

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Panchala Jaya Shankar Prasad

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 01/01/2023 to 31/01/2023

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-195

Date : 01/04/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Uppelli Kamal

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-126

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

NAKKANABOYINA KESAVI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

ArtifIntel Private Limited

Certificate ID: - RA177642

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Potti Lokeshwar

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-151

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Punugubati Madhuri

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-081

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Manogna Sai Telaprolu

has successfully completed internship program on Hybrid & Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-077

Date : 03/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

WISSENAIRE
IIT BHUBANESHWAR

Certificate of Course Completion

Naga Sai Akhil.Ballem

has successfully completed course on **Embedded systems**

with Teachnook from **1/11/2022 To 31/12/2022**

During this course, the student has found to be keen and enthusiastic Candidate.

HR-Manager

Academic Head

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Certificate ID : TNINTC22-057

Date : 6/1/2023

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Pakalapati Naga Vamsi

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-050

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Nagaraju Kunapareddi

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-058

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

MAGANTI NIKHILESH

This is to certify that the above mentioned candidate has successfully completed **Embedded System** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176896

TEACHNOOK

CERTIFICATE
OF INTERNSHIP COMPLETION

Ch.Nikhitha

has successfully completed internship program on Hybrid & Electric Vehicles

with Teachnook from 01/11/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTP22-362

Date : 11/03/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

WISSENAIRE
IIT BHUBANESHWAR

Certificate of Course Completion

Jonnalagadda phanindra

has successfully completed course on **Embedded systems**

with Teachnook from **1/11/2022 To 31/12/2022**

During this course, the student has found to be keen and enthusiastic Candidate.

HR-Manager

Academic Head

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Certificate ID : TNINTC22-056

Date : 6/1/2023

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

ROUTHU PRUDHVI KUMAR

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

ArtifIntel Private Limited

Certificate ID: - RA177639

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

R Purna Sai Pavan

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-098

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Sajjala. Rajani

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-043

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Pallugula Sharath Kumar

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-067

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

chinnamsetti Siva Keerthi

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-050

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

K.Shobha

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-082

Date : 03/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Banavath Sravani

has successfully completed internship program on Hybrid & Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-072

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

N.Sri Naga Sai

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-131

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

THOTA SRILATHA

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA177641

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Ch.Suvarna Devi

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-042

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

KAPILAVAI VAMSI KRISHNA

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176892

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

TUMMA VENKATA GOWRI SWETHA REDDY

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

With Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176891

TEACHNOOK

psiborg Technologies

CERTIFICATE
OF INTERNSHIP COMPLETION

Swarna Venkata Kasirao

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-066

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

SURA VENKATA KRISHNAVENI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

ArtifIntel Private Limited

Certificate ID: - RA177640

TEACHNOOK

psiborg Technologies

CERTIFICATE
OF INTERNSHIP COMPLETION

Chimmiri Venkatasabarinadh

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-096

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

YASHWANTH RABILLI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th August to 20th September 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA173381

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

VELAGA YASWANTH SAI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA176893

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

BAIG ZAFAR SADHIK

This is to certify that the above mentioned candidate has successfully completed **Embedded System** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176894

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Vijaya Durga. Vasa

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-085

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/425

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Tata Anand Kumar** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0201** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sound and result oriented.

e-solutions

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com © Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

Scanned with OKEN Scanner

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

P Anil Kumar

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-081

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/430

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr.**Shaik Apsar** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0204** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell : 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

SRC
e-solutions

Ref:SRC/ES/436 Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Challa Dhanush** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0206** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell : 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

PALAGANI GANESH

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-046

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Usirikayala Ganesh

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-044

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

G.Hema Kanth

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-115

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Bolem Hemanth

has successfully completed internship program on Hybrid Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-049

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Alupana Jahnavi

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-128

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Syed Jaleel

has successfully completed internship program on Hybrid & Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-084

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Shaik Jareena Begum

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-059

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

JOGINANUSAI VEMULA

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-073

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

S Jyothsna

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-092

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Kavya Chinta

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-133

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Mohammad Khajamoinuddin Shaik

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-077

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

k kiran Surya

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-090

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/432

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Kolavanti Kishan Mani Ratanam** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0223** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technicall, sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com © Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Nenavathu Kotya Nayak

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-093

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Lakshmi Narayana teneti

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-091

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Lova Manohar Surampudi

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-114

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

P Manikanta

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-082

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

R.Manikanta

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 01/12/2022 to 30/01/2023

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-228

Date : 21/07/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Mounika Nettem

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-076

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE
OF INTERNSHIP COMPLETION

P. Naga Veera Babu

has successfully completed internship program on Embedded Systems
from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-134

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/431

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Kadajarapu Nagendra Rao** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0234** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

Scanned with OKEN Scanner

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Sk Nagul Meera

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-138

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Nazeerunnisa Mohammad

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-089

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

K Nirupam Sai

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-079

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/433

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Konduru Pavan Teja** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0238** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com © Cell : 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

WISSENAIRE
IIT BHUBANESHWAR

Certificate of Course Completion

T.Praveen

has successfully completed course on **Embedded systems**

with Teachnook from **1/11/2022 To 31/12/2022**

During this course, the student has found to be keen and enthusiastic Candidate.

HR-Manager

Academic Head

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Certificate ID : TNINTC22-075

Date : 6/1/2023

SRC
e-solutions

Ref:SRC/ES/438 Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Parisa Prudhvi** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0242** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell : 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

P Raviteja

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-052

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

R Reshma

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-085

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

GUNTURU SAI KRISHNA

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-087

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/426

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Sai Krishna Vedantam** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0246** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sound and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com ✆ Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Sartaz Begum Shaik

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-152

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

A SRIHARI

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-069

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Uyyala Srinu

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-088

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Tarun Nandam

has successfully completed internship program on Hybrid Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-047

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Surampudi Thri Sankar

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-112

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/427

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Mopidevi Thrinadh Babu** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0256** at DVR & Dr HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Vamsi Nenavath

has successfully completed internship program on Hybrid & Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-056

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/428

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Shaik Vaseem** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0259** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

SRC
e-solutions

Ref:SRC/ES/439

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Seela Veera Venkata Satyanarayana** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0260** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell: 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

SRC
e-solutions

Ref:SRC/ES/440

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Adduru. Venkata Krishna** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0261** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com · © Cell : 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Venkata Teja Y

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-084

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

S VENKATA UDAY KUMAR

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-080

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

SRC
e-solutions

Ref:SRC/ES/434

Date: 15-12-2022

To whom so ever it may concern

This is to certify that Mr. **Peeta Vijay Sairam** pursuing III B.Tech in Electrical and Electronics Engineering with Roll No. **21H75A0265** at DVR & Dr.HS MIC College of Technology, has successfully completed Internship Program on **EMBEDDED SYSEMS** from **15-10-2022 to 15-12-2022** under the supervision of SRC e-solutions, Vijayawada. During the training period,the student was found sincere, hardworking, technically sund and result oriented.

For SRC e-Solutions

Authorized Signature

M Srcesolutions@gmail.com Cell : 9493936294, 9885096867
54-18-36/2, Radio Clony, 2nd Line, Opp.SBI Bank Road, Near Govt. ITI, Vijayawada.

Scanned with OKEN Scanner

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

MIKKILI VIKAS

has successfully completed internship program on Hybrid Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-048

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

AKULA VIVEK SAI

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-061

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

KONDA APARNA

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

With Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA176890

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

K.Bhavani

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-078

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Vattivella Bindu Sri Priya

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 01/11/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-052

Date : 06/01/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Chandu M

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-132

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Tadikonda Ganesh Manikanta Naga Saikrishn

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-063

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Garmidi Gopi Krishna

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-051

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Panchala Jaya Shankar Prasad

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 01/01/2023 to 31/01/2023

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-195

Date : 01/04/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Uppelli Kamal

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-126

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

NAKKANABOYINA KESAVI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

ArtifIntel Private Limited

Certificate ID: - RA177642

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Potti Lokeshwar

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-151

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Punugubati Madhuri

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-081

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Manogna Sai Telaprolu

has successfully completed internship program on Hybrid & Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-077

Date : 03/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

WISSENAIRE
IIT BHUBANESHWAR

Certificate of Course Completion

Naga Sai Akhil.Ballem

has successfully completed course on **Embedded systems**

with Teachnook from **1/11/2022 To 31/12/2022**

During this course, the student has found to be keen and enthusiastic Candidate.

HR-Manager

Academic Head

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Certificate ID : TNINTC22-057

Date : 6/1/2023

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Pakalapati Naga Vamsi

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-050

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Nagaraju Kunapareddi

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-058

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

MAGANTI NIKHILESH

This is to certify that the above mentioned candidate has successfully completed **Embedded System** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176896

TEACHNOOK

CERTIFICATE
OF INTERNSHIP COMPLETION

Ch.Nikhitha

has successfully completed internship program on Hybrid & Electric Vehicles

with Teachnook from 01/11/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTP22-362

Date : 11/03/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

WISSENAIRE
IIT BHUBANESHWAR

Certificate of Course Completion

Jonnalagadda phanindra

has successfully completed course on **Embedded systems**

with Teachnook from **1/11/2022 To 31/12/2022**

During this course, the student has found to be keen and enthusiastic Candidate.

HR-Manager

Academic Head

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Certificate ID : TNINTC22-056

Date : 6/1/2023

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

ROUTHU PRUDHVI KUMAR

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

ArtifIntel Private Limited

Certificate ID: - RA177639

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

R Purna Sai Pavan

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-098

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Sajjala. Rajani

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-043

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

Pallugula Sharath Kumar

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-067

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

chinnamsetti Siva Keerthi

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-050

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

K.Shobha

has successfully completed internship program on Hybrid & Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-082

Date : 03/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Banavath Sravani

has successfully completed internship program on Hybrid & Electric Vehicles

from Jethi Tech Solutions in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-072

Date : 03/02/2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

TEACHNOOK

psiborg Technologies

CERTIFICATE

OF INTERNSHIP COMPLETION

N.Sri Naga Sai

has successfully completed internship program on Embedded Systems

from Psiborg Technologies in associated with Teachnook from 11/1/2022 to 12/31/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-131

Date : 08/02/2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

THOTA SRILATHA

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA177641

TEACHNOOK

JETHI TECH SOLUTIONS

CERTIFICATE

OF INTERNSHIP COMPLETION

Ch.Suvarna Devi

has successfully completed internship program on Hybrid Electric Vehicles from Jethi Tech Solutions in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-042

Date : 06-01-2023

Academic Head

HR-Manager

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

KAPILAVAI VAMSI KRISHNA

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176892

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

TUMMA VENKATA GOWRI SWETHA REDDY

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

With Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

give ArtifIntel Private Limited

Certificate ID: - RA176891

TEACHNOOK

psiborg Technologies

CERTIFICATE
OF INTERNSHIP COMPLETION

Swarna Venkata Kasirao

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-066

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

Skill VERTEX

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

SURA VENKATA KRISHNAVENI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th October 2022 to 20th November 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

ArtifIntel Private Limited

Certificate ID: - RA177640

TEACHNOOK

psiborg Technologies

CERTIFICATE
OF INTERNSHIP COMPLETION

Chimmiri Venkatasabarinadh

has successfully completed internship program on Embedded systems

from Psiborg Technologies in associated with Teachnook from 11/01/2022 to 31/12/2022

During this internship, the student has found to be keen and enthusiastic Candidate.

Certificate ID : TNINTC22-096

Date : 06-01-2023

Academic Head **HR-Manager**

Verified Certificate

A Verified Certificate from Teachnook can provide a proof for a student or other institution, an employer or other institution, that you have successfully completed an online course

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

YASHWANTH RABILLI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

5th August to 20th September 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA173381

CERTIFICATE

OF INTERNSHIP COMPLETION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

VELAGA YASWANTH SAI

This is to certify that the above mentioned candidate has successfully completed **Hybrid Electric Vehicles** live projects with Skillvertex from

with Skillvertex from 15th September to 30th October 2022

During this internship he/she showed diligence,consistency & determination.

Mayank Gathole
(Academic Head)

Certificate ID: - RA176893