

COVID-19 DETECTION USING CHEST X-RAY

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY***

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

V.AKHILESWARI	17A61A0548
K.BHARGHAVI	17U41A0574
N.MAHESHWARI	17A61A0534
I.SAI BABU	17U41A0569
M.B.PREM SAI KUMAR	17U41A0580

Under the Esteemed Guidance of

Sri. RAMARAJU S.V.S.V.P

Sr. Assistant Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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2020



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “COVID-19 DETECTION USING CHEST X-RAY” is a being submitted by V.AKHILESWARI (17A61A0548) ,K.BHARGHAVI (17U41A0574),N.MAHESHWARI (17A61A0534) ,I.SAI BABU (17U41A0569), M.B.PREM SAI KUMAR (17U41A0580) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-2021

MR.RAMARAJUS.V.S.V.P

(PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR

(PROFESSOR)

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**CONTACTLESS VISITOR MANAGEMENT SYSTEM
USING RASPBERRY PI**

*A Project Report submitted in partial fulfilment of the requirements
for the award of the Degree of*
BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

M.Lavanya	17U41A0583
V.Sirisha	17U41A05A3
K.Vanaja	18U45A0505
R.Laxmi Harsha Priya	17U41A0593
S.Chaitanya	17U41A0595

Under the Esteemed Guidance of

Mr.CH.DINESH

Sr.Assistant.Professor, Department of CSE



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(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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2021



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "CONTACTLESS VISITOR MANAGEMENT SYSTEM USING RASPBERRY PI" is being submitted by M.LAVANYA (17U41A0583), K.VANAJA (18A45A0505), V.SIRISHA (17U41A05A3), R.LAXMI HARSHA PRIYA (17U41A0593), S.CHAITANYA (17U41A0595) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.

Mr.CH.DINESH

(Sr.ASSISTANT PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

Head of the Department
(HEAD OF THE DEPARTMENT)
Computer Science and Engg.
Dadi Institute of Engg.&Tech.
Anakapalle-531001

EXTERNAL EXAMINER

5G SMART DIABETES PREDICTION USING MACHINE

LEARNING

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

O.KIRANMAYI
B.JYOTHI
K.SRUTHI
M.RAMESH
P.BHANU PRAKASH

17U41A0589
17U41A0565
17U41A0573
17U41A0581
17U41A0596

Under the Esteemed Guidance of

Mr.RAMARAJU.S.V.S.V.P

Sr.Asst.Professor,Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E , New Delhi Affiliated to JNTU, Kakinada)

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2021



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Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "**5G SMART DIABETES PREDICTION USING MACHINE LEARNING**" is being submitted by O.KIRANMAYI (17U41A0589), B.JYOTHI (17U41A0565), K.SRUTHI (17U41A0573), M.RAMESH (17U41A0581), P.BHANU PRAKASH (17U41A0596) in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in **COMPUTER SCIENCE & ENGINEERING** during the academic year 2020-21.

Mr. RAMARAJU.S.V.S.V.P

(Sr.ASST.PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

(HEAD OF THE DEPARTMENT)
Computer Science and Engg.
Dadi Institute of Engg.&Tech.
Anakapalle-531001

EXTERNAL EXAMINER

**AUTOMATIC SOLAR STREET LIGHT MONITORING AND
CONTROL SYSTEM USING IOT**

*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

Submitted by

A.NAVYA	17U41A0562
K.SRI MANVITHA	17U41A0571
D.BINDU PRIYA	17U41A0568
Y.SRINIVAS	17U41A0599
K.SAI SAMPATH	18U45A0506

Under the Esteemed Guidance of

DR L.PRASANNA KUMAR

Associate Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTUK, Kakinada)

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ISO 9001:2008; ISO 14001:2004 & OHAS 18001:2007 Certified
Institution

**NH-16, Anakapalle-531002, Visakhapatnam, A.P.
2021**



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(Approved by A.I.C.T.E & Affiliated to JNTU, Kakinada)

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Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This to certify that the project work entitled "**AUTOMATIC SOLAR STREET LIGHT MONITORING AND CONTROL SYSTEM USING IOT**" is being submitted by A.NAVYA (17U41A0562), K.SRI MANVITHA (17U41A0571), D.BINDU PRIYA (17U41A0568), Y.SRINIVAS (17U41A0599), K.SAI SAMPTH (18U45A0506) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE &ENGINEERING** during the academic year 2020-2021.

DR L.PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)

DR.L.PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

Head of the Department
Computer Science and Engg.
Dadi Institute of Engg. & Tech.

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**DIET INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE
AND TECHNOLOGY WEBSITE (DIJEST Website)**

A Project Report submitted in partial fulfilment of the
Requirements for the award of the Degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted by

M.REVATHI SAI CHANDU	17U41A05A4
M.SWETHA PRIYA	17U41A0586
K.PRIYANKA	17U41A0577
L.JOSHI	17U41A0578
K.SWATHI	17U41A0572

Under the Esteemed Guidance of

Dr . K. SUJATHA

Associate Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E , New Delhi Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

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NH-16, Anakapalle-531002, Visakhapatnam, A.P.

2021



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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified

Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "**DIET International Journal of Engineering Sciences and Technology Website (DIJEST Website)**" is a being submitted by M.REVATHI SAI CHANDU (17U41A05A4), M.SWETHA PRIYA (17U41A0586), K.PRIYANKA (17U41A0577), L.JOSHI (17U41A0578), K.SWATHI (17U41A0572) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE & ENGINEERING** during the academic year 2020-21.

Dr. K. SUJATHA
(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)

(HEAD OF THE DEPARTMENT)

Computer Science and Engg.
Dadi Institute of Engg.&Tech.
Anakapalle-531001

EXTERNAL EXAMINER

**DIET INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE
AND TECHNOLOGY WEBSITE (DIJEST Website)**

A Project Report submitted in partial fulfilment of the
Requirements for the award of the Degree of

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted by

G.NAVIN KUMAR	17U41A0517
T.RENUKA	17U41A0542
B.KASI ANNAPOORNA DEVI	17U41A0508
K.VENKAT SAI DINESH	17U41A0523
K.LOKESH	17U41A0527

Under the Esteemed Guidance of

Dr . K. SUJATHA

Associate Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E , New Delhi Affiliated to JNTU, Kakinada)

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NH-16, Anakapalle-531002, Visakhapatnam, A.P.

2021



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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified

Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled “**DIET International Journal of Engineering Sciences and Technology Website (DIJEST Website)**” is a being submitted by G NAVIN KUMAR (17U41A0517), T RENUKA (17U41A0542), B KASI ANNAPOORNA DEVI (17U41A0508), K DINESH (17U41A0523), K LOKESH (17U41A0527), in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE & ENGINEERING** during the academic year 2020-21.

Dr. K. SUJATHA
(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)

Head of the Department
Computer Science and Engg.
Dadi Institute of Engrg. & Tech.
Anakapalle-531001
(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

HOUSE PRICE PREDICTION USING REGRESSION

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

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Submitted by

K.DEVAKI	(17U41A0529)
K.JYOSHNA	(17U41A0535)
M.SAI PRASANTH	(17U41A0540)
K.SRI NOOKA NANDA	(17U41A0526)
M.SRAVANI	(17U41A0544)

Under the Esteemed Guidance of
Dr. L. PRASANNA KUMAR
HEAD OF THE DEPARTMENT, Department of CSE.



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "House Price Prediction Using Regression" is a being submitted by K.DEVAKI (17U41A0529), K.JYOSHNA (17U41A0535), M.SAI PRASANTH (17U41A0540), K.SRI NOOKA NANDA (17U41A0526), M.SRAVANI (17U41A0544) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.

Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)

Head of the Department
(HEAD OF THE DEPARTMENT)
Computer Science and Engg.
Dadi Institute of Engg. & Tech.
Anakapalle-531001

EXTERNAL EXAMINER

Artificial and Automated Agricultural Activities using IOT

*A Project report submitted in partial fulfilment of the requirements for the
degree of B. Tech in Computer Science and Engineering*

By

Y.Mounika Bhavani (17U41A0598)
P.Deepthi Devi (17U41A0591)
M. Sonia (17U41A0582)
P. Charishma (17U41A05A1)
S. Priyanka (17U41A0561)

Under the supervision of

Dr. M. Srinivas Rao sir Professor

Department of COMPUTER SCIENCE and ENGINEERING



Department of COMPUTER SCIENCE AND ENGINEERING

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

NH-16 ROAD, ANAKAPALLE, VISAKHAPATNAM – 531002, ANDHRA PRADESH

JAWAHARLAL NEHRU TECHNOLOGICAL University KAKINADA (JNTUK),2021.



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Certificate

This is to certify that the project work entitled ARTIFICIAL AND AUTOMATED AGRICULTURAL SYSTEMS USING IOT is the bona fide work carried out by Y.MOUNIKA BHAVANI (17U41A0598) and P.DEEPTHI DEVI, (17U41A0591) AND P.CHARISHMA (17U41A05A1), S.PRIYANKA(17U41A0561) & M.SONIA(17U41A0582) OF in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.

Signature of the Guide

Name: DR.M. Srinivas Rao

Designation: Professor

Signature of the External

Examiner Name:

Signature of the HOD

Name: DR. Prasanna Kumar

Head of the Department

Designation: Professor & HOD

Dadi Institute of Engg. & Tech.

Anakapalle-531001

IOT BASED FLOOD DETECTION SYSTEM

*A Project report submitted in partial Fulfilment of the
requirement for the award of Degree of*

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE & ENGINEERING

Submitted by

M.APARNA	17U41A0579
M.POORNIMA	17U41A0588
B.SIVA PRASAD	17U41A0563
M.SAILAJA	17U41A0585
I.RAMU	18U45A0503

Under the Esteemed Guidance of

Mr.Y DINESH KUMAR

Assistant Professor, Department of CSE



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(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P



CERTIFICATE

This is to certify that the project work entitled **"IOT BASED FLOOD DETECTION SYSTEM"** is a being submitted by M.APARNA (17U41A0579) M.POORNIMA (17U41A0588), B.SIVA PRASAD (17U41A0563), M SAILAJA (17U41A0585), I.RAMU (18U45A0503) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in Computer Science & Engineering, from DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (approved by A.I.C.T.E., New Delhi & Affiliated to JNTU, Kakinada) is a record of bona fide work carried out by them under my guidance and supervision.

Mr.Y DINESH KUMAR
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)

Dr. L PRASANNA KUMAR
(PROFESSOR)
Head of the Department
(HEAD OF THE DEPARTMENT)
Computer Science Department
Dadi Institute of Engg.&Tech.
Anakapalle-531001

EXTERNAL EXAMINER

**MOTION BASED VEHICLE COUNTING USING
OPENCV AND PYTHON**

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

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted By

M.BalaKrishna	17U41A0503
P.KarthikNaidu	17U41A0549
P.Lalitha	17U41A0550
S.Manvitha	17U41A0553
K.Shamini	17U41A0424

Under the Esteemed Guidance of

Dr.L.Prasanna Kumar

Associate Professor, Department of CSE



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(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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2021



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Institution

**NH-16, Anakapalle-531002, Visakhapatnam, A.P
2021**

CERTIFICATE

This is to certify that the Project work entitled "MOTION BASED VEHICLE COUNTING USING OPENCV AND PYTHON" is a being submitted by M.BALAKRISHNA (17U41A0503), P.KARTHIKNAIDU (17U41A0549), P.LALITHA (17U41A0550), S.MANVITHA (17U41A0553), K.SHAMINI (17U41A0524), in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-2021.

**Dr.L.PRASANNA KUMAR
(ASSOCIATE PROFESSOR)**

(PROJECT GUIDE)

**Dr.L.PRASANNA KUMAR
Head of the Department
(ASSOCIATE PROFESSOR)**

Dadi Institute of Engg.&Tech.
Anakapalle-531001

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**MASK DETECTION AND TEMPERATURE
CALCULATION USING RASPBERRY PI**

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY***

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

K.L.L.G.S.Janaki

17U41A0507

U.Sai Sree Ram

17U41A0555

S.Lekha Sri

17U41A0552

K.Keerthana

17U41A0525

Y.Dharani

17U41A0559

Under the Esteemed Guidance of

Mr.CH.DINESH

Sr.Assistant.Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)
NAAC ACCREDITED INSTITUTE
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution
NH-5, Anakapalle-531002, Visakhapatnam, A.P.
2021



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NAAC ACCREDITED INSTITUTE

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "MASK DETECTION AND TEMPERATURE CALCULATION USING RASPBERRY PI" is being submitted by K.L.L.G.S.JANAKI (17U41A0507), U SAI SREERAM (17U41A0555), S LEKHA SRI (17U41A0552), K KEERTHANA (17U41A0525), Y DHARANI (17U41A0559) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.

Mr. CH. DINESH

(Sr. ASSISTANT PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

Head of the Department
Computer Science and Engg.
Dadi Institute of Engineering & Technology
(HEAD OF THE DEPARTMENT)
Anakapalle-531001

EXTERNAL EXAMINER

**VEHICLE SECURITY SYSTEM THROUGH FACE
RECOGNITION**

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

N.MANIMALA	17U41A0546
A.HARITHA	17U41A0502
G.RISHITHA	17U41A0519
V.SREENU	17U41A0557
R.PAVANSUTHA	17U41A0551

Under the Esteemed Guidance of

MR.RAMARAJU.S.V.S.V.P

Sr.Asst.Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC ACCREDITED INSTITUTE

ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution


NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "VEHICLE SECURITY SYSTEM THROUGH FACE RECOGNITION" is a being submitted by N.MANIMALA (17U41A0546), A.HARITHA (17U41A0502), G.RISHITHA (17U41A0519), V.SREENU (17U41A0557), R.PAVANSUTHA (17U41A0551) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.


Mr. RAMARAJU.S.V.S.V.P
(Sr.ASST.PROFESSOR)

(PROJECT GUIDE)


Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)
Head of the Department
(HEAD OF THE DEPARTMENT)
Computer Science and Engg.
Dadi Institute of Engg.&Tech.
Anakapalle-531001

EXTERNAL EXAMINER

**UNIVERSITY ADMISSION PREDICTION WITH
MACHINE LEARNING**

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

K.MOUNIKA	17U41A0530
V.TEJASWI	17U41A0556
K.TANUJA	17U41A0536
CH.THULASI LAKSHMI	17U41A0532
B.DURGA PRASANTH SUNDAR	17U41A0504

Under the Esteemed Guidance of

Mrs.T.SUJATHA

Assistant Professor, Department of CSE



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2021



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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "University Admission Prediction With Machine Learning" is a being submitted by K. MOUNIKA (17U41A0530), V.TEJASWI (17U41A0556), CH.THULASI LAKSHMI (17U41A0532), K.TANUJA (17U41A0536), B.DURGA PRASANTH SUNDAR (17U41A0504) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.


Mrs. T. SUJATHA

(ASSISTANT PROFESSOR)

(PROJECT GUIDE)


Dr. L. PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

(HEAD OF THE DEPARTMENT)

Head of the Department
Computer Science and Engg.
Dadi Institute of Engg. & Tech
Anakapalle-531002

EXTERNAL EXAMINER

AUTOMATION OF RESEARCH & DEVELOPMENT CELL

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

V.HIMAPRIYA	17U41A0558
CH.SRIHITHA	17U41A0512
K.LAVANYA	17U41A0531
M.HANISHKA	17U41A0520
K.NAVYASRI	17U41A0537

Under the Esteemed Guidance of

Dr. K. SUJATHA

Professor, Department of CSE



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(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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2021

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NAAC ACCREDITED INSTITUTE
ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified
Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "**AUTOMATION OF RESEARCH & DEVELOPMENT CELL**" is a being submitted by V.HIMAPRIYA(17U41A0558),CH.SRIHITHA(17U41A0512),K.LAVANYA(17U41A0531),M.HANISHKA(17U41A0520), K.NAVYASRI(17U41A0537)in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE & ENGINEERING** during the academic year 2020-2021.

Dr. K. SUJATHA
(PROFESSOR)

(PROJECT GUIDE)

Dr. L. PRASANNAKUMAR
(PROFESSOR)

Head of the Department
Computer Science and Engg.
(HEAD OF THE DEPARTMENT)
Dadi Institute of Engg. & Tech.
Anakapalle-531002

EXTERNAL EXAMINER

**ONLINE SMART VILLAGE DEVELOPMENT MONITORING
SYSTEM**

*A Project Report submitted in partial fulfilment of the
Requirements for the award of the Degree of*

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

K LOHITHA	17U41A0534
B MADHURI KAMALA VIJAYA LAKSHMI	17U41A0510
E TEJASRI	17U41A0514
G SAI AKSHAY REDDY	17U41A0518
L MOULI	17U41A0539

Under the Esteemed Guidance of

Dr. M.Srinivasa Rao

Associate Professor, Department of CSE



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2021



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Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "**Online Smart Village Development Monitoring System**" is a being submitted by K LOHITHA(17U41A0534), B MADHURI KAMALA VLJAYA LAKSHMI (17U41A0510), E TEJASRI (17U41A0514),G SAI AKSHAY (17U41A0518), L MOULI (17U41A0539) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE & ENGINEERING** during the academic year 2020-21.

Dr.M.SRINIVASARAO
ASSOCIATE PROFESSOR

(PROJECT GUIDE)

Dr.L.PRASANNA KUMAR
Head of the Department
ASSOCIATE PROFESSOR
Computer Science and Engg.
Dadi Institute of Engg.&Tech.
Anakapalle-531001

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

INNOVATION AND INCUBATION CENTRE

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

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

K.BHANU PRASANNA

17U41A05A2

P.SAISREE

17U41A0590

V.VENKAT SWAROOP

17U41A0597

K.MADHU

17U41A0576

S.PAWAN KALYAN

18U45A0504

Under the Esteemed Guidance of

Dr. K. SUJATHA

Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

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ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P.

2021

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Institution

NH-16, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled **"INNOVATION AND INCUBATION CENTRE"** is a being submitted by K. BHANU PRASANNA (17U41A05A2), P. SAISREE (17U41A0590), V. VENKAT SWAROOP (17U41A0597), K. MADHU (17U41A0576), S. PAWAN KALYAN (18U45A0504) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE & ENGINEERING** during the academic year 2020-2021.

Handwritten signature of Dr. K. Sujatha in blue ink.

**Dr. K. SUJATHA
(PROFESSOR)**

(PROJECT GUIDE)

Handwritten signature of Dr. L. Prasanna Kumar in blue ink.

**Dr. L. PRASANNAKUMAR
(PROFESSOR)**

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

Automatic Traffic Sign Recognition, Classification And Alert System 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

Submitted by

Buddha Divya Durga	18U45A0501
Chittibonu Sree Harika	17U41A0567
Mosuri Janaki Srivalli	17U41A0587
Juttika OmSai	18U45A0502
Velugula Bhanu	18U45A0507
Konathala Lohit Sai Krishna Teja	16U41A0539

Under The Esteemed Guidance of

Dr.L. Prasanna Kumar

Associative Professor, Department Of CSE



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NAAC Accredited Institute

ISO 9001:2008, ISO 14001:2004 & OHSAS 1800:2007 Certified Institute

NH-16, Anakapalli, Visakhapatnam- 531002.

CERTIFICATE

This is to certify that project work entitled "**Automatic Traffic Sign Recognition, Classification And Alert System**" is being submitted by B. Divya Durga(18U45A0501), J.OmSai(18U845A0502), Ch.SreeHarika(17U41A0567), M.JanakiSrivalli(17U41A0587), V.Bhanu(18U45A0507), K.L.S.Krishna Teja(16U41A0539) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & E during the ENGINEERING academic year 2020-2021



DR.L. PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)



DR.L. PRASANNA KUMAR

Head of the Department
Computer Science and Engg.
Data Science and Tech.
Anakapalle-531001

(HEAD OF DEPARTMENT)

EXTERNAL EXAMINER

**MACHINE LEARNING BASED SMART INDUSTRIAL
AUTOMATION USING HYBRID ARCHTECTURE**

*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

Submitted by

M.PADMAJA	17U41A0584
S.M.HAJERA	17U41A0594
P.SURYA PRABHA	17U41A0592
CH.NAVYA SREE	17U41A0566
K.SUSHMA	17U41A0575
B.J.SATYA SRI	17U41A0564

Under the Esteemed Guidance of
Dr. L.PRASANNA KUMAR
Associative Professor & Head, CSE



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(Approved by A.I.C.T.E, New Delhi & Permanently Affiliated to JNTUK, Kakinada)
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ISO 9001:2008; ISO 14001:2004 & OHAS 18001:2007 Certified Institution
NH-16, Anakapalle-531002, Visakhapatnam, A.P.
2017-2021



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NAAC Accredited Institute

National Highway-16, Anakapalle, Visakhapatnam-531002, A.P

CERTIFICATE

This to certify that the project work entitled "MACHINE LEARNING BASED SMART INDUSTRIAL AUTOMATION USING HYBRID ARCHITECTURE" is being submitted by M.PADMAJA (17U41A0584), S.M.HAJERA (17U41A0594), P.SURYA PRABHA (17U41A0592), CH.NAVYASREE (17U41A0566), K.SUSHMA (17U41A0575), B.J.SATYA SRI (17U41A0564) in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY for **COMPUTER SCIENCE &ENGINEERING** during the academic year 2020-2021.

DR L.PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

(PROJECT GUIDE)

DR.L.PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

Computer Science and Engg.

Dadi Institute of Engg.&Tech.

Anakapalle-531001

(HEAD OF THE DEPARTMENT)

EXTERNAL EXAMINER

**CYBER BULLYING DETECTION BASED ON SEMANTIC-
ENHANCED MARGINALIZED DENOISING AUTO-
ENCODER**

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

**BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted by

J.AMRUTHA VALLI	17U41A0522
Y. JYOTHSNA	17U41A0560
M.NAGU	17U41A0541
B. ROSHINI SANGEETHA	17U41A0511
G.SWEETY	17U41A0515

Under the Esteemed Guidance of
Mrs.G.SUJATHA
Assistant Professor, Department of CSE



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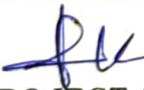
NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "CYBER BULLYING DETECTION BASED ON SEMANTIC-ENHANCED MARGINALIZED DENOISING AUTO-ENCODER" is a being submitted by J.AMRUTHA VALLI (17U41A0522), Y.JYOTHSNA (17U41A0560), M.NAGU (17U41A0541), B.ROSHINI SANGEETHA (17U41A0511), G.SWEETY (17U41A0515) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.

Mrs.G.SUJATHA

(ASSISTANT PROFESSOR)


15/7/2021
(PROJECT GUIDE)



Dr. L. PRASANNA KUMAR

(ASSOCIATE PROFESSOR)

Head of the Department
(HEAD OF THE DEPARTMENT)
Computer Science and Engg.
Dadi Institute of Engg.&Tech
Anakapalle-531001

EXTERNAL EXAMINER

FLOOD MITIGATION SYSTEM

***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

Submitted by

B. KOMALI	17U41A0509
T. UPENDRA	17U41A0554
K. TEJASWANI	17U41A0533
B. MAHESWARI	17U41A0505
D. ABHISHEK	17U41A0513

Under the Esteemed Guidance of
Mr. Y. DINESH KUMAR

Assistant Professor, Department of CSE



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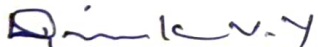
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Institution

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CERTIFICATE

This is to certify that the Project work entitled "FLOOD MITIGATION SYSTEM" is a being submitted by B KOMALI (17U41A0509), T UPENDRA (17U41A0554), K TEJASAWANI (17U41A0533), B MAHESWARI (17U41A0505), D ABHISHEK (17U41A0513) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.


Mr. Y. DINESH KUMAR
(ASSISTANT PROFESSOR)

(PROJECT GUIDE)


Dr. L. PRASANA KUMAR
(ASSOCIATE PROFESSOR)

Head of the Department
(HEAD OF THE DEPARTMENT)
Dadi Institute of Engg.&Tech.
Anakapalle-531001

EXTERNAL EXAMINER

**SMART HEALTH CARE MONITORING SYSTEM
USING IoT**

***A Project Report submitted in partial fulfilment of the
requirements for the award of the Degree of
BACHELOR OF TECHNOLOGY***

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

A. ASWANI CHOONANDA

17U41A0501

I. PRANAY SAI VARMA

17U41A0521

K. SATYA SAI SANTHOSH

17U41A0538

K. BHAVYA

17U41A0506

P. PRAVALLIKA

17U41A0547

Under the Esteemed Guidance of
Mrs. K. KOMALI
Assistant Professor, Department of CSE



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU, Kakinada)

NAAC ACCREDITED INSTITUTE

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NH-5, Anakapalle-531002, Visakhapatnam, A.P.

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Institution

NH-5, Anakapalle-531002, Visakhapatnam, A.P

CERTIFICATE

This is to certify that the Project work entitled "SMART HEALTH CARE MONITORING SYSTEM USING IOT" is a being submitted by A ASWANI CHOONANDA (17U41A0501), I PRANAY SAI VARMA (17U41A0521), K SATYA SAI SANTHOSH (17U41A0538), K BHAVYA (17U41A0506), P PRAVALLIKA (17U41A0547) in partial fulfilment of the Requirement for the award of the degree of BACHELOR OF TECHNOLOGY for COMPUTER SCIENCE & ENGINEERING during the academic year 2020-21.

Mrs. K. KOMALI
(ASSISTANT PROFESSOR)
(PROJECT GUIDE)

Dr. L. PRASANNA KUMAR
(ASSOCIATE PROFESSOR)
(HEAD OF THE DEPARTMENT)
Head of the Department
Dadi Institute of Engg. & Techn.
Anakapalle-531001

EXTERNAL EXAMINER