

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI - 590018
2020–2021**



A

Mini Project Report

On

**“FACE MASK DETECTION USING CONVOLUTIONAL
NEURAL NETWORK”**

**Submitted in the partial fulfilment of the requirement for the
VI Semester Project - 18ECMP68 for the award of degree of**

Bachelor of Engineering

in

Electronics and Communication Engineering

by

JAYANTH G 1GV18EC010

PRATHIBA K L 1GV18EC026

SHIRISHA S P 1GV18EC032

THANUSHA R 1GV18EC038

Carried at

Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY.

Under the guidance of

Dr. JENITHA A,

Associate Professor,

Department of Electronics and Communication.

Dr.T. Thimmaiah Institute of Technology, KGF.



**Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
(Formerly Golden Valley Institute of Technology)
Department of Electronics and Communication Engineering,
Kolar Gold Fields – 563120.**



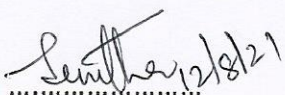
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Oorgaum Kolar Gold Fields – 563120

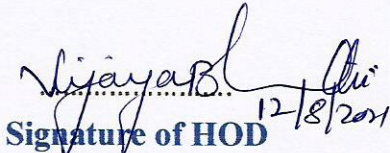
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ENGINEERING.**

CERTIFICATE

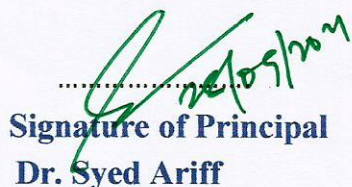
Certified that the Mini Project Work entitled ***“Face Mask Detection Using Optimistic Convolutional Neural Network.”*** is a bonafied work carried out by **Jayanth G. - 1GV18EC010, Prathiba K L. - 1GV18EC026, Shirisha S P. - 1GV17EC032 and Thanusha R. -1GV18EC038** in the partial fulfilment for the award of degree of Bachelor of Engineering in **Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi** during the year 2020-2021. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirement in respect of Mini Project Work 18ECMP68 prescribed for the Bachelor of Engineering Degree.


.....

**Signature of Guide
Dr. Jenitha A**

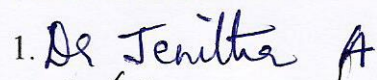
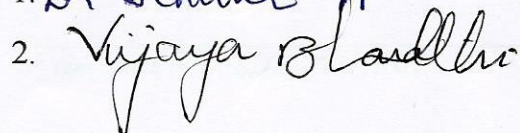

..... 12/8/2021

**Signature of HOD
Prof. Vijaya Bharathi M**

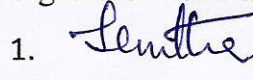
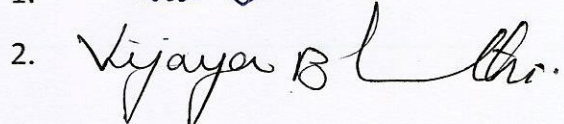

..... 22/09/2021

**Signature of Principal
Dr. Syed Ariff**

Name of Examiners

1.  A
2. 

Signature with Date

1. 
2. 

VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU)

BELAGAVI-590018



A

Mini Project Report

On

“IoT BASED REMOTE PATIENT HEALTH MONITORING SYSTEM”

BY

DHEERAJ S.	1GV18EC008
NISHANTH GOWDA C. G.	1GV18EC018
P. KOUSHIK	1GV18EC020
R. RAKESH	1GV18EC028

Carried at

Dr.T. Thimmaiah Institute of Technology

under the guidance of,

MR. Rajesh Kumar Kaushal

Assistant Professor

Department of Electronics and Communication.

Dr.T. Thimmaiah Institute of Technology, KGF.

Bachelor of Engineering

Electronics and communication Engineering



DR. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

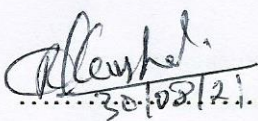
**(Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi,
Approved by Govt. of Karnataka and ISO 21001-2018 Certified)**



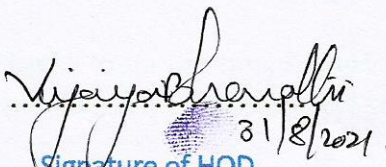
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Approved by Govt. Of Karnataka and ISO 21001-2018 Certified)
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

CERTIFICATE

Certified that the Mini Project Work entitled "**IoT BASED REMOTE PATIENT HEALTH MONITORING SYSTEM**" is a bonafide work carried out by **DHEERAJ S -1GV18EC008, NISHANTH GOWDA C G -1GV18EC018, P. KOUSHIK-1GV18EC020, R. RAKESH-1GV18EC028** in the partial fulfillment for the award of degree of Bachelor of Engineering in *Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi* during the year 2020-2021. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. Mini Project report has been approved as it satisfies the academic requirement in respect of Mini Project work **-18ECMP68** prescribed for the Bachelor of Engineering Degree.


30/08/21

Signature of Guide
Mr. Rajesh Kumar Kaushal


31/8/2021

Signature of HOD
Prof. Vijaya Bharathi M


31/8/2021
Signature of Principal
PRINCIPAL
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K.G.F. - 563 120.

Name of Examiners

Signature with Date

1. Dr. Jendtha A
2. Vijaya Bharathi

1. Senthil
2. Vijaya Bharathi

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590018

2020–2021



A

Mini Project Report

on

**“Stock Exchange Price Prediction using Machine Learning
Technique’s”**

**Submitted in the partial fulfillment of the requirement for the
VI Semester Mini Project Work – 18ECMP68 for the award of degree of**

Bachelor of Engineering

in

Electronics and Communication Engineering

by

HARIPRIYA.B

1GV18EC009

KEERTHI REDDY.G B

1GV18EC011

NAVYA SHREE.S N

1GV18EC017

POOJA.S

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Assistant Professor,

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Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY



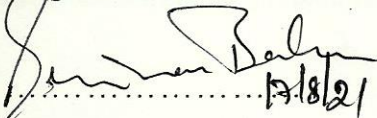
(Formerly Golden Valley Institute of Technology)

Oorgaum, Kolar Gold Fields - 563120

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING.

CERTIFICATE

Certified that the Mini Project Work entitled "*Stock Exchange Price Prediction Using Machine Learning Technique's*" is a bonafied work carried out by Haripriya B - 1GV18EC009, Keerthi Reddy G B-1GV18EC011, Navyashree S N - 1GV18EC017, Pooja S - 1GV18EC024 in the partial fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the year 2020-2021. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirement in respect of Mini Project Work - 18ECMP68 prescribed for the Bachelor of Engineering Degree.


17/8/21

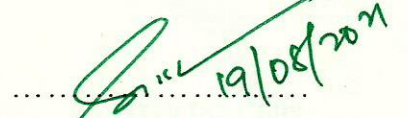
Signature of Guide

Mr.Srinivas Babu.N


19/8/2021

Signature of HOD

Prof.Vijaya Bharathi M


19/08/2021

Signature of Principal

PRINCIPAL
Dr. Syed Ariff
Dr. T. Thimmaiah Institute of Technology
Oorgaum, K.G.F. - 563 120.

Name of Examiners

1. Dr. Senthil A
2. Vijaya Bharathi.

Signature with Date

1. Senthil
2. Vijaya Bharathi.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Belagavi - 590018

2020 –2021



A

Mini-Project Report

on

“Intelligent Surveillance System To Detect Fire Using Artificial Intelligence”

Submitted in the fulfillment of the requirement for the
VI Semester Mini Project Work- 18ECMP68 for the award of degree of

Bachelor of Engineering

in

Electronics and Communication Engineering

by

DARSHINI S.	1GV18EC007
LAVANYA S.	1GV18EC015
PRATHIKSHA S.	1GV18EC027
SAHANA.K	1GV18EC031

Carried at

Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY

Under the Guidance of

Mr. SHASHI KIRAN S

Assistant Professor

Dept of ECE, Dr.TTIT, KGF



Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY

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Department of Electronics and Communication Engineering
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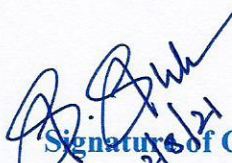
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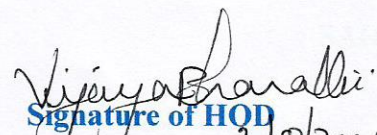
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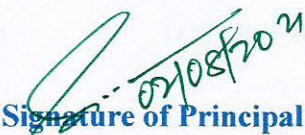
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

CERTIFICATE

Certified that the **Mini-Project Work** entitled ***“Intelligent Surveillance System To Detect Fire Using Artificial Intelligence”*** is a bonafied work carried out by **DARSHINI S. -1GV18EC007, LAVANYAS. -1GV18EC015, PRATHIKSHA S.- 1GV18EC027 and SAHANA. - 1GV18EC031** in the partial fulfillment for the award of degree of Bachelor of Engineering in **Electronics and Communication Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2020-2021. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirement in respect of **Mini-Project Work -15ECMP68** prescribed for the Bachelor of Engineering Degree.


Signature of Guide
Prof. Shashi Kiran S


Signature of HOD
Prof. Vijaya Bharathi M
2/8/2021


Signature of Principal
Dr. Syed Ariff

Name of Examiners

1. Dr. Jemtha A
2. Vijaya Bharathi M

Signature with Date

1. Jemtha
- 2.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590018

2020–2021



A

Mini Project Report

on

“Real Time Autonomous Vehicle using Image Processing”

Submitted in the fulfillment of the requirement for the VI Semester

Mini- Project work - 18ECMP68 for the award of degree of

Bachelor of Engineering

in

Electronics and Communication Engineering

by

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MEGHA R 1GV18EC016

O HRUTHIK ROSHAN 1GV18EC019

SHRUTHI R 1GV18EC034

Carried at

Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY.

Under the guidance of

Prof. INBALATHA K

Associate Professor,

Department of Electronics and Communication.

Dr. T. Thimmaiah Institute of Technology

Oorguam Post, K.G.F-563120





(Formerly Golden Valley Institute of Technology)
Oorgaum Kolar Gold Fields – 563120
DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

CERTIFICATE

Certified that the Mini-Project Work entitled "*Real Time Autonomous Vehicle using Image Processing*" is a bonafied work carried out by DAISY SNEHA S-1GV18EC006, MEGHA R-1GV18EC016, O HRUTHIK ROSHAN-1GV18EC019 and SHRUTHI R- 1GV18EC034 in the fulfillment for the award of degree of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the year 2020-2021. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirement in respect of Mini-Project Work -18ECMP68 prescribed for the Bachelor of Engineering Degree.

Signature of Guide

Prof. Inbalatha K

Signature of HOD

Prof. Vijaya Bharathi M

Signature of Principal

Dr.Syed Ariff

Name of Examiners

1. Dr. Jenthia A
2. Vijayarshanthi

Signature with date

1. Sathya
2. Vijayarshanthi