

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BILAGAVI-599012  
2020-2021



A  
PROJECT  
PHASE-I REPORT

**"A GRAPHICAL PIN ENTRY SYSTEM WITH SHOULDER SURFING  
RESISTANT"**

Submitted in the Partial Fulfillment of the Requirement for VII Semester  
Project phase-I 17CSP78 for the Award of the degree of  
BACHELOR OF ENGINEERING

in  
COMPUTER SCIENCE ENGINEERING

By

BHAVANA PG	1GV17CS010
HEMALATHA S	1GV17CS020
KAVYASHREE S	1GV17CS027

Carried at

Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY

Under the Guidance of

**Mrs.SHALINI G**

Assistant Professor,

Dept of CSE,Dr.TTIT,KGF

Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY

Oorguam Post, KGF-563120



(Approved by AICTE, New Delhi. Affiliated to VTU-Belgaavi,  
Approved by Govt. Of Karnataka and ISO 21001:2018  
Certified)



  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorguam, K. G. F- 563120



**Dr. T. Thimmaiah Institute of Technology**  
Oorgaum Post, K.G.F-563120  
(Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi,  
Approved by Govt. of Karnataka and ISO 21001-2018 Certified)



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**CERTIFICATE**

This is to Certify that the Project Work Phase-1 entitled "*A GRAPHICAL PIN ENTRY SYSTEM WITH SHOULDER SURFING RESISTANT*" is a bonafide work carried out by BHAVANA PG(1GV17CS010) HEMALATHA S (1GV17CS020) KAVYASHREE S (1GV17CS027) in the partial fulfillment for the award of degree of Bachelor of Engineering in Computer Science 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 Phase-1 report has been approved as it satisfies the academic requirement in respect of Project Phase-1 17CSP78 prescribed for the Bachelor of Engineering Degree.

  
12/3/2021

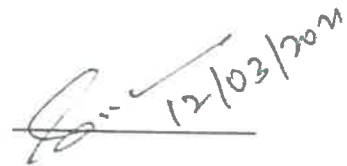
Signature of Guide

Mrs. SHALINI G



Signature of H.O.D

Dr. S SREEDHAR KUMAR

  
12/03/2021

Signature of Principal


Dr. Syed Ariff

**Name of the Examiners**

1. *LEELAVATHY SR*

**Signature with Date**

1.

  
19/1/22  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120

  
21/3/21

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590018

2020 – 2021



**A Project Phase-1 Report**

on

**“PRECISION JUMBO DRILLING  
USING ULTRASONIC SENSORS WITH WIRELESS DISPLAY  
SYSTEM”**

Submitted in the partial fulfillment of the requirement  
for the VIII Semester Project for the award of degree of  
**Bachelor of Engineering**

in

**Mining engineering**

By

**1.SHRISHAIL RAMAPPA KADIWAL**

**1GV17MI022**

**2.PAVAN REDDY**

**1GV18MI404**

**3.SURESH KULLUR**

**1GV18MI406**

**4.VINAY SELVANATHAN**

**1GV18MI407**

**Carried at**

**Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY**

**Under the Guidance of**

**Mr. VIJAYARAGHAVAN.P**




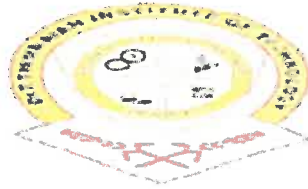
**Associate Professor, Department of Mining Engineering, Dr. TTIT., K.G.F.**

**Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY**

**(Formerly Golden Valley Institute of Technology)**

**Department of Mining Engineering  
Kolar Gold Fields – 563120**

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120



(Formerly Golden Valley Institute of Technology)

Oorgaum Kolar Gold Fields-563120

DEPARTMENT OF MINING ENGINEERING


**CERTIFICATE**

Certified that the Project work entitled "*PRECISION JUMBO DRILLING USING ULTRASONIC SEENSORS WITH WIRELESS DISPLAY SYSTEM*" is a bonafide work carried out by Shrishail Ramappa kadiwal (1GV17MI022), Pavan Reddy RV (1GV18MI404), Suresh Kullur (1GV18MI406), Vinay Selvanathan (1GV18MI407) in the fulfillment for the award of degree of Bachelor of Engineering in Mining 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 Project Work prescribed for the Bachelor of Engineering degree.

 13/2021

Signature of Guide

Mr.  
VIJAYARAGHAVAN.  
P



Signature of HOD


Dr. MANAS  
MUKHOPADYAY

 02/2021

Signature of Principal

Dr. SYED ARIFF

Name of the Examiner

  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120

Signature with date

1)

1)

2)

2)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
Belagavi - 590018  
2020 - 2021



A

Project Report

On

**"SIGNIFICANCE OF PLASTIC IN IMPROVING THE PROPERTIES  
OF REGUR SOIL"**

Submitted in the Partial fulfillment of the requirement for the VIII Semester  
Project - 17CVP85 for the award of degree of  
Bachelor of Engineering

In

Civil Engineering

Submitted by

MANJUNATH T	-(IGV18CV402)
BHAVANA S	-(IGV17CV005)
HANUMANTHESH M J	-(IGV18CV400)
NAVEEN KUMAR B N	-(IGV18CV405)

Carried out at

**Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY**

Under the Guidance of

Prof M Maneela,  
Associate Professor,  
Department of Civil Engineering  
Dr.TTIT, K.G.F.



  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K. G. F- 563120

**Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY**

Oorgaum Post, K.G.F- 563120

(Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi)



**DEPARTMENT OF CIVIL ENGINEERING**

**CERTIFICATE**

Certified that the Project entitle **"SIGNIFICANCE OF PLASTER IN IMPROVING THE PROPERTIES OF REGUR SOIL"** is a bonafied work carried out by MANJUNATH T (IGV18CV402), BHAVANA S (IGV17CV005), HANUMANTHESH M.J (IGV18CV400), NAVEEN KUMAR B N(IGV18CV405) in the partial fulfilment for the award of degree of Bachelor of Engineering in Civil Engineering of the Vibvesvaranya Technological University, Belagavi during the year 2020- 2021. It is certified that all corrections/suggestions indicated for the assessment have been incorporated in the Seminar report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirement in respect of Project Work – 17CVP85 prescribed for the Bachelor of Engineering Degree.

.....*H. Manjela*.....  
 9/8/21  
 Signature of Guide  
 Prof M Manjela,  
 Associate Professor

.....*Ramesh K*.....  
 Signature of HOD  
 Dr. Ramesh K

.....*Syed Arif*.....  
 10/8/2021  
 Signature of Principal  
 Dr. T. Thimmaiah Institute of Technology  
 Dr. Syed Arif  
 Oorgaum, K.G.F. - 563 120.

Name of Examiners

1. H MANJELA
2. *Ramesh K*

**PRINCIPAL**  
**Dr. T. Thimmaiah Institute of Technology**  
 Oorgaum, K. G. F- 563120

Signature with Date

1. H Manjela 9/8/21
2. *Ramesh K* 11/8/21



VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI – 590018  
2020–2021



A

Phase II Project Report on

“Face Mask Detection Using CNN And Temperature  
Screening.”

Submitted in the partial fulfilment of the requirement for the  
VIII Semester Project – 17CSP85 for the award of degree of  
Bachelor of Engineering  
in

Computer Science and Engineering  
by

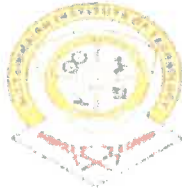
CHARLS REYNOLD J	1GV17CS011
JANANEY B	1GV17CS023
POOVARASI S	1GV17CS048
PREETHI N	1GV17CS050

Carried at

**Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY**

Under the guidance of

Mrs. SHARMILA KUMARI N, Assistant Professor,  
Department of Computer Science and Engineering.



  
17/1/22  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorgaum, K.G.F. - 563 120.

**Dr. T. Thimmaiah Institute of Technology**  
**Oorgaum Post, K.G.F-563120**

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

**Dr. T. Thimmaiah Institute of Technology**  
Oorguam-Post, K.G.F-563120



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

**DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING.**

**CERTIFICATE**

Certified that the Project Work entitled *"Face Mask Detection Using CNN And Temperature Screening ."* is a bonafied work carried out by Charls Reynold J- 1GV17CS011, Jananey B - 1GV17CS023, Poovarasi S- 1GV17CS048 and Preethi N- 1GV17CS050 in the partial fulfillment for the award of degree of Bachelor of Engineering in Computer Science and Engineering of 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 project work phase II - 17CSP85 prescribed for the Bachelor of Engineering Degree.

*M. Sharmila*  
6/8/2021

Signature of Guide

Mrs. Sharmila Kumari N

Name of Examiners

1. *P. Praveen . S*

2. *Apoorva . D*

*S. Sreedhar Kumar*

Signature of HOD

Dr. S Sreedhar Kumar

*S. Sreedhar Kumar*  
10/1/22  
PRINCIPAL  
Dr. T. Thimmaiah Institute of Technology  
Oorguam, K.G.F. - 563 120.

*S. Sreedhar Kumar*  
06/08/2021  
PRINCIPAL  
Signature of Principal  
Dr. T. Thimmaiah Institute of Technology  
Oorguam, K.G.F. - 563 120.

Signature with date

1. *S. Sreedhar Kumar* 6/8/22

2. *S. Sreedhar Kumar* 6/8/2021