

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "FASHION MNIST" is a bonafide work carried out by Narasimha Shrikant Kulkarni (2SD18CS062), Niraj Kumar Singh (2SD18CS065), Praveen Kumar (2SD18CS077), and Sourabh Gadad (2SD18CS111), students of S.D.M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Dr. S.M. Joshi
Project Guide

Dr. S.M. Joshi
HOD-CSE

External Viva

Name of Examiners

1. R.N.Yadavwad.
2. Dr.S.G.Totad.

Signature with date

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the Project work and presentation entitled "NEWS APPLICATION" is a bonafide work carried out by PARMEET SINGH(2SD18CS067), HARSHA KOTTUR(2SD18CS039), ASHWINI RATHOD(2SD18CS025), AJAY G HABIB(2SD19CS402) students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

[Handwritten Signature]
08/07/22

Prof. Basavaraj Vaddatti
Project Guide

[Handwritten Signature]
08/07/22

Dr. S M Joshi
HoD-CSE

External Viva

Name of Examiners

1. R.N. Yadao
2. Dr. S.G. Totad

Signature with date

[Handwritten Signature] 08/07/22
[Handwritten Signature]
08/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "PREDICTION OF MONEY LENDING, FINANCING AND PIGMY SYSTEM" is a bonafide work carried out by AMRUT G SOLANKI (2SD18CS013), PRIYA MARUTI GHATAKAMBLE (2SD18CS078), TEJASHWINI (2SD18CS116) and VIKAS NAGAMOTI (2SD18CS122) students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Major-Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

(Signature)
7/7/22

DR. S. B. KULKARNI

Project Guide

(Signature)
7/7/22

DR. S. M. JOSHI

HOD-CSE

External Viva

Name of Examiners

Signature with date

1. R.M. Yadav

2. Dr. S.G. Totad

(Signature) 08/07/22


(Signature)
08/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

Certified that the project work and presentation entitled "Implementation of automotive system reduce bandwidth usage in real time video system" is a bonafide work carried out by Ananth Dayakar Hegde (2SD18CS015), Ankit Anand (2SD18CS016), S Varun (2SD18CS130), and Mohammed Usman E Gani (2SD18CS059), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-202. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



Dr. Umakant P Kulkarni
Project Guide





Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Yashodha. As
2. Dr. S. G. Totad

Signature with date


09/7/22

09/7/22

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

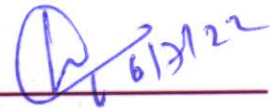
CERTIFICATE

Certified that the project work and presentation entitled "Early Detection Of Alzheimer's Disease Using Machine Learning Techniques" is a bonafide work carried out by RAHUL RAICHUR (2SD16CS069), SRINIVAS MISKIN (2SD16CS101), VEDANTH REDDY (2SD16CS123), and ABHISHEK MATTI (2SD17CS002), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



Dr. RAGHAVENDRA G.S.

Project Guide



Dr. S.M. JOSHI

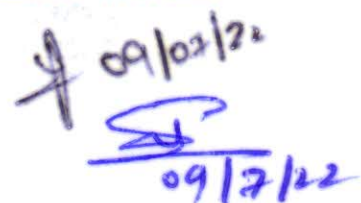
HoD-CSE

External Viva

Name of Examiners

1. Yashodha. A.S
2. Dr. S. G. Totad

Signature with date


09/02/22
09/2/22


**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



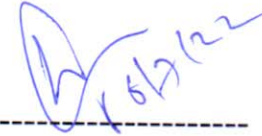
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

CERTIFICATE

Certified that the project work and presentation entitled "DESIGN AND IMPLEMENTATION OF AN EFFICIENT SELF CONFIGURABLE PROTOCOL FOR VISUAL SENSOR NETWORK" is a bonafide work carried out by ASHISH NK (2SD18CS024), DHEERAJ V PATIL (2SD18CS032), HARSHITA BELAVAL (2SD18CS041), and SHREESH R CHIKKERUR (2SD18CS100), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



Prof. Indira Umarji
Project Guide

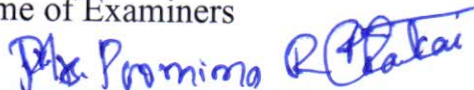
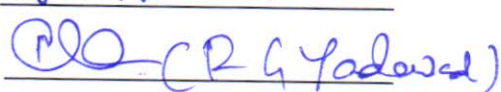


Dr. S. M. Joshi
HoD-CSE

Name of Examiners

External Viva

Signature with date

1. 
2. 

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "IMAGE CAPTION GENERATOR" is a bonafide work carried out by AISHWARYA S SALUNKE (2SD18CS006), APOORVA PAI (2SD18CS019), TEJASWINI P ANGADI (2SD18CS117), and USHA NANDINI V (2SD18CS118), students of S. D. M.

College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

04/11/22

Prof. Sandhya S V
Project Guide

Dr. S M Joshi

Dr. S M Joshi
HOD-CSE

External Viva

Name of Examiners

Signature with date

1. R.M. Yadwad.

R.M. Yadwad 08/10/22

2. Dr. S.G. Totad.

S.G. Totad

08/10/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

Certified that the project work and presentation entitled "Video Streaming Platform" is a Bonafede work carried out by Jathin Lalam (2SD18CS048), Naveenkumar (2SD18CS063), Shreyansh Agarwal (2SD18CS101) and Sourav S Tambe (2SD18CS114), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

R. N. Yadawad
06/07/22

Dr. R. N. Yadawad
Project Guide

S. M. Joshi
06/07/22

Dr. S.M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Yashodha A S
2. Dr. S. G. Totad

Signature with date

[Signature]
09/7/22

Smart Refrigerator

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD 580002
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

Certified that the project work and presentation entitled "Smart Refrigerator" is a bonafide work carried out by Asmitha T M (2SD18CS132), Deekshitha R (2SD18CS133), T Shravani (2SD18CS136), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of the project report prescribed for the said degree.

Prof. Ranganath G Yadawad

Project Guide

Dr. S. M. Joshi

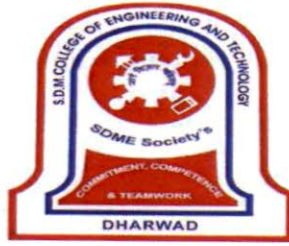
HoD-CSE

External Viva

Name of Examiners

1. Mrs. Poonima R
2. P G Yadawad

Signature with date



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "Real Time Configuration Management System" is a bonafide work carried out by Bharat GT (2SD18CS027), Anmol RW (2SD18CS125), Madhu JN (2SD18CS051), and MD Ismail B (2SD19CS412), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

J C Karur
5/7/22

Dr. J C Karur

Project Guide

S. M. Joshi
5/7/22

Dr. S. M. Joshi

HoD-CSE

External Viva

Name of Examiners

1. R G Yadav
2. Poojima R

Signature with date

R G Yadav
06/07/22
Poojima R
6/7/22

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,


DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

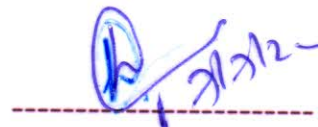
CERTIFICATE

Certified that the project work and presentation entitled "SHE SUPPORT(H)ERS" is a bonafide work carried out by POOJA S CHANDAVAR (2SD18CS069), ADITI K NAIK (2SD19CS401), APOORVA MULMUTTAL (2SD19CS403), and BABITA NARAGUND (2SD19CS405), students of S.D.M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

 21/07/2022

Prof. YASHODHA S

Project Guide

 21/7/22

Dr. S. M. Joshi

HoD-CSE



External Viva

Name of Examiners

1. R.N. Yadavad.

2. Dr. S. G. Totad.

Signature with date

 08/07/22
 08/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

Certified that the Project work and presentation entitled "BLOCKCHAIN BASED CHITFUND SYSTEM" is a bonafide work carried out by GURUDEV S PANCHAL (2SD18CS037), IRANNA C YAVGAL(2SD18CS042),SHILPA MANJUNATH SIDDESHWAR (2SD18CS096) and SOUMYA BADIGER (2SD18CS110) students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022.It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library The Major-Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

[Signature]

DR. VIDYAGOURI KULKARNI

Project Guide

[Signature]

DR. S M JOSHI

HOD-CSE

External Viva

Name of Examiners

1. R.N.Yadawad.

2. Dr.S.G.Totad.

Signature with date

[Signature] 08/07/22

08/07/22



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "SENTIMENTAL ANALYSIS OF COVID-19 TWEETS USING MACHINE LEARNING" is a bonafide work carried out by Akshata Ghonthale(2SD18CS009), Arpita S Arawal (2SD18CS022), Shraddha J Poojari (2SD18CS097), and Akshita Khetan (2SD18CS127), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Prof. Smitesh D. Patravali

Project Guide

Dr. S. M. Joshi

HoD-CSE

External Viva

Name of Examiners

1. Poojima R

2. R C Yelawar

Signature with date

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD-580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the Major-Project work and presentation entitled “BlueChat: Bluetooth Chatting App” is a Bonafide work carried out by Gaurav Kumar (2SD18CS035), Kashis Agarwal (2SD18CS046), Maruti Nandan (2SD18CS055), and Shashank Raj (2SD18CS095), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Major-Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Dr. Shrihari M. Joshi
Project Guide

Dr. Shrihari M. Joshi
HOD-CSE

External Viva

Name of Examiners

1. R.N. Yadav
2. S.G. Totad

Signature with date

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

*Certified that the project work and presentation entitled “**Healthcare System using Machine Learning**” is a bonafide work carried out by Sripad Deshpande(2SD16CS102), Sudarshan Nirwani(2SD16CS104), Sujay Patil (2SD16CS106), Swaraj Hegde(2SD16CS111), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, **Belgaum**, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.*

[Handwritten signature]

Prof. Rani Shetty

Project Guide

[Handwritten signature]

Dr. S.M. Joshi

HoD-CSE

External Viva

Name of Examiners

1. R.N. Yadao

2. S. G. Totad

Signature with date

[Handwritten signature] 08/07/22

[Handwritten signature]
08/7/22

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "INTELLIGENT VEHICLE ACCIDENT DETECTION AND ALERT SYSTEM USING RASPBERRY PI" is a bonafide work carried out by AKSHAY NAIK (2SD18CS011), ABHISHEK PUJARI (2SD19CS400), NAGARAJ KULKARNI (2SD19CS407), and SUJIT MADAPURI (2SD19CS409), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

[Signature]

Prof. Nita G Kulkarni
Project Guide

[Signature]

Dr. Shrihari M Joshi
HOD-CSE

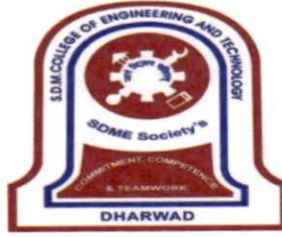
External Viva

Name of Examiners

1. Poornima R
2. R G Yedevy

Signature with date

[Signature] 6/7/22
[Signature] 6/7/22



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "Luggage Space-An WebApp dedicated to travelers who will be exploring the particular city for a shorter period" is a bonafide work carried out by Amol Sadanand Telang (2SD18CS012), Sahil Rajeev Naik (2SD18CS084) students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Rashmi P. A.

Prof. Rashmi Patil

Project Guide

S. M. Joshi
16/7/22

Dr. S. M. Joshi

HoD-CSE

External Viva

Name of Examiners

1. R. N. Yadav

2. Dr. S. G. Totad

Signature with date

R. N. Yadav
08/07/22

Dr. S. G. Totad
08/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled “TWITTER SENTIMENT ANALYSIS USING MACHINE LEARNING” is a bonafide work carried out by NIKHIL.ELIGAR (2SD17CS052), GOUTAM.TERDAL (2SD17CS027), and SOHAN (2SD17CS097), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-202. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

[Handwritten Signature]

Dr. A.A. QAZI
Project Guide

[Handwritten Signature]

Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

Signature with date

1. R.N.Yadavwad.

[Handwritten Signature]
08/07/22

2. Dr.S.G.Totad.

[Handwritten Signature]
08/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**

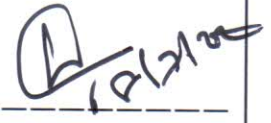


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE

Certified that the project work and presentation entitled "SMART PARKING SYSTEM" is a bonafide work carried out by AYESHA SHEKH(2S17CS012), OMKAR V P (2SD17CS055), SAHANA MAHENDRA (2SD17CS078), and SUPREET GOKARN (2SD17CS106), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



Dr.RAGHVENDRA G S
Project Guide



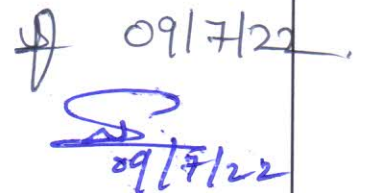
Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Yashodha. A S
2. Dr. S. G. Totad

Signature with date


09/7/22

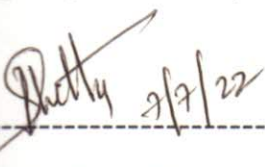
**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

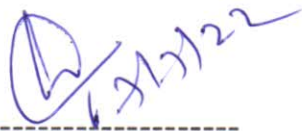
CERTIFICATE

Certified that the project work and presentation entitled "Laboratory Management System" is a bonafide work carried out by M S Sagar (2SD18CS050), Sharath S T (2SD18CS094), Vaibhav Nayak (2SD18CS119), and Raunak Verma (2SD18CS082), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



Prof. Rani Shetty

Project Guide



Dr. S. M. Joshi

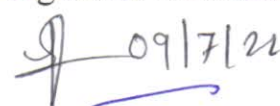
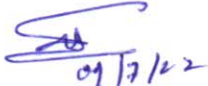
HoD-CSE

External Viva

Name of Examiners

1. Yashodha - A S
2. Dr. S. B. Tolad

Signature with date


09/7/22

09/7/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "FASHION MNIST" is a bonafide work carried out by Narasimha Shrikant Kulkarni (2SD18CS062), Niraj Kumar Singh (2SD18CS065), Praveen Kumar (2SD18CS077), and Sourabh Gadad (2SD18CS111), students of S.D.M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Dr. S.M. Joshi
Project Guide

Dr. S.M. Joshi
HOD-CSE

External Viva

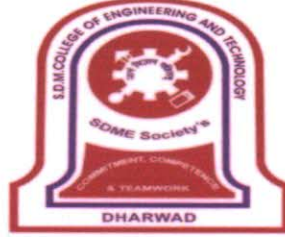
Name of Examiners

1. R.N.Yadav.
2. Dr.S.G.Totad.

Signature with date

Sourabh Gadad
25/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

Certified that the project work and presentation entitled “DEPARTMENT PROJECT MAINTENANCE SYSTEM” is a bonafide work carried out by ABHISHEK KULKARNI (2SD18CS002), KARTIK S BETAGERI (2SD18CS045), SOMASHEKAR B (2SD18CS108), and VISHAL METI (2SD18CS124), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Prof. Anand D Vaidya
Project Guide

Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. R.N. Yadao
2. Dr. S. G. Totad.

Signature with date

08/07/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

*Certified that the project work and presentation entitled “HANDWRITTEN TEXT RECOGNITION USING PYTHON” is a bonafide work carried out by LAVANYA M PANDIT (2SD18CS049), MEGHA SATISH SHET (2SD18CS056), SHRIRAKSHA B MALAGANNAVAR (2SD18CS103), and VARSHINI D BHAT (2SD18CS120), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum**, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.*

Dr. / Prof. Indira Umarji
Project Guide

Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Arundhathi Vaideya
2. Poornima R

Signature with date

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "SENTIMENT ANALYSIS USING BRAIN SIGNALS" is a bonafide work carried out by SHREEKAR M SHETTI (2SD18CS099) and SHREYAS V ACHARI (2SD18CS102), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-202. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Rashmi R. A

Prof. Rashmi Patil
Project Guide

S. M. Joshi
6/12/22

Dr. S. M. Joshi
HOD-CSE

External Viva

Name of Examiners

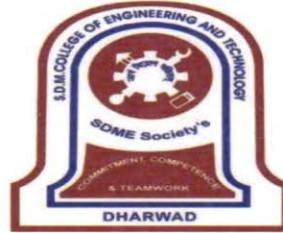
1. Anand Vaideya
2. Poornima R

Signature with date

Anand Vaideya
07/07/22
Poornima R
7/7/22

S.D.M COLLEGE OF ENGINEERING TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

*Certified that the project work and presentation entitled **Remote Monitoring System** is a bonafide work carried out by **Bhagyashri G Bhat (2SD18CS026), Misba Sawar(2SD18CS057), Prarthana Nayak (2SD18CS074), Raksha Udipi (2SD18CS080)**, students of **S. D. M. College of Engineering & Technology, Dharwad**, in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum**, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.*


Prof. Anand Pashupatimath

Project Guide


Dr. S. M. Joshi

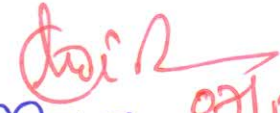
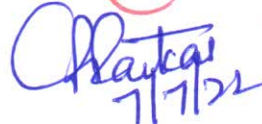
HoD-CSE

External Viva

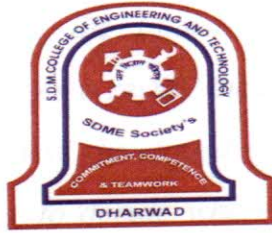
Name of Examiners

Signature with date

1. Anand Vaidy.
2. Poojima R



07/07

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE

Certified that the project work and presentation entitled "Navigation System Using Location Based Augmented Reality" is a bonafide work carried out by Ashish Kalghatkar (2SD18CS023), Sandeep B. (2SD18CS086), Sankalp Malagi (2SD18CS089), and Vagesh Umesh Naik (2SD19CS410), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

[Signature]
06/07/22

Dr. S. B. Kulkarni
Project Guide

[Signature]
06/07/22

Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

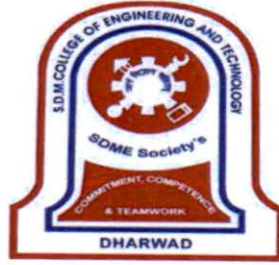
1. Anand Vaidya
2. Poornima R

Signature with date

[Signature]
07/07/2022
[Signature]
7/7/22

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "IMPLEMENTATION OF WEBSITE TO SEARCH EXOTIC FOOD AND PLACE" is a bonafide work carried out by ANURAG SHAHI (2SD18CS018), KISHAN RAYANAL (2SD18CS047), PRUTHVIRAJ HORADI (2SD18CS131) students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Prof. Nita G Kulkarni

Project Guide

Dr. S. M. Joshi

HoD-CSE

External Viva

Name of Examiners

1. Anand Vaidya

2. _____

Signature with date

S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,

DHARWAD -580002



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "HOSTEL ROOM ALLOCATION SYSTEM" is a bonafide work carried out by ADITHI N PRABHU (2SD18CS005), RAMYA G ASHRIT (2SD18CS081), SIDHARTH (2SD18CS104), and SNEHAL RAJENDRA MAJANNAVAR (2SD18CS107), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Prof. Indira Umarji
Project Guide

Dr. S M Joshi
HoD-CSE

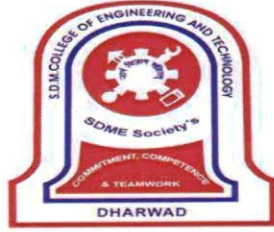
External Viva

Name of Examiners

1. Anand Vaidya
2. Poojima R

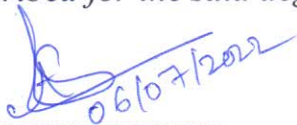
Signature with date

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**

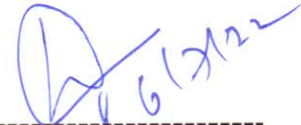


**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATE**

*Certified that the project work and presentation entitled "**The Bamboo Shop**" is a bonafide work carried out by Jay Kumar Jha (2SD18CS043), Mukesh kumar Seoran (2SD18CS060), Priyanaka Prabhu (2SD18CS070) and Pradum Kumar (2SD18CS072) students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021- 2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.*


06/07/2022

Prof. Anand S Pashupatimath
Project Guide


06/07/22

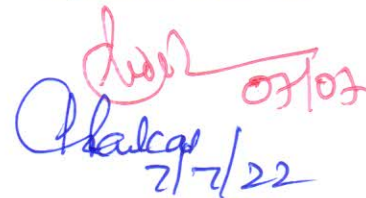
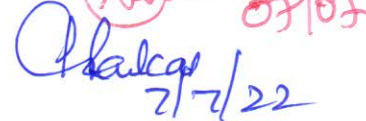
Dr. S. M. Joshi Sir
HoD-CSE

External Viva

Name of Examiners

1. Anand Vaidy -
2. Poojnima R

Signature with date


07/07

21/7/22

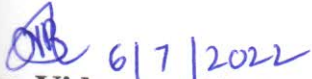
**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**

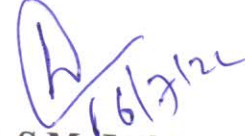


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "Online Doctor Appointment App" is a bonafide work carried out by Nanda Indoor (2SD18CS061), Veena Katakol (2SD18CS121), Yashoda Talawar (2SD18CS126), and Vaishnavi Lokhande (2SD19CS411), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.


6/7/2022
Dr. Vidyagouri B Hemadri
Project Guide

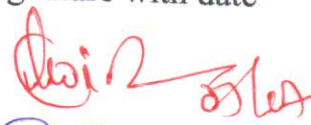


6/7/22
Dr. S.M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Anand Vaidya
2. Soornima R

Signature with date



7/7/22



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "EDUCATION MANAGEMENT SYSYTEM" is a bonafide work carried out by PRANAV BHAT(2SD18CS028), HARSHAT DHANAYAT(2SD18CS031), NEETYA HALARNKAR (2SD18CS038), and SOURAV MITRA (2SD18CS113), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-202. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

S.V.
5/7/22

Prof. Sandhya S.V
Project Guide

S.M.J.
6/7/22

Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Anand Vaidya
2. Poojanima R

Signature with date

Anand Vaidya
7/7/22

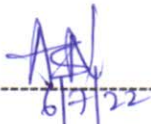
**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

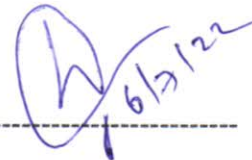
CERTIFICATE

Certified that the project work and presentation entitled "Aerial Surveillance" is a bona fide work carried out by ABUL HASSAN SHAIKH (2SD18CS004), AKSHAY REVANKAR (2SD18CS010), MANISH SAKARAY (2SD18CS054), and PRATEEK L K (2SD18CS076), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



6/7/22

Dr. Archana N
Project Guide



6/7/22

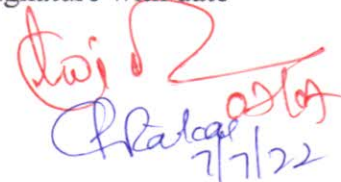
Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. Anand Vaidy
2. Poo mima P

Signature with date



7/7/22


**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "SMART SURVEILLANCE SYSTEM" is a bonafide work carried out by SAURABH SAMEER (2SD18CS093), SAHIL S ALI (2SD18CS085), and SANTOSH DHAWAN (2SD17CS083), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



6/7/22

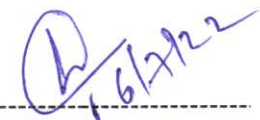
Dr. Archana N

Project Guide

External Viva

Name of Examiners

1. Anand Vaichya
2. Pournima P





6/7/22

Dr. S. M. Joshi

HoD-CSE

Signature with date



7/7/22



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "On Road Vehicle Breakdown Assistance App" is a bonafide work carried out by ARPITA R MALLANAGOUDAR (2SD18CS021), DISHA BARGE (2SD18CS033), SOUMYA SAGARI (2SD18CS109), and RADHIKA M D (2SD18CS134), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

G. A. Radder

Prof. G. A. Radder

Project Guide

S. M. Joshi
16/7/22

Dr. S. M. JOSHI

HoD-CSE

External Viva

Name of Examiners

1. R G Yadav
2. Poornima f

Signature with date

P. G. Yadav
6/7/22
Poornima f
6/7/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "Aligulimane: A Two Player Strategy Board Game" is a bonafide work carried out by Anoosha R Kolagal (2SD18CS017), D Shravani (2SD18CS030), Sourabha Rajaram Hegde (2SD18CS112) and Monika Vyshnavi I (2SD18CS128), students of S.D.M.College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Prof. Govind N.

Project Guide

S.M. Joshi
Dr. U.P. Kulkarni

HoD-CSE

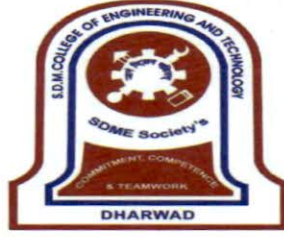
External Viva

Name of Examiners

1. P. G. Yadav
2. Parvina P

Signature with date

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled “SIGN LANGUAGE TO SPEECH CONVERSION” is a bonafide work carried out by Mohammed Farhan Khan (2SD18CS058), Rohan M Naik (2SD18CS083) and Sanket S Lad (2SD18CS090), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

[Signature]

Dr. Shivanagowda G. M.

Project Guide

[Signature]
6/8/22

Dr. S. M. Joshi

HoD-CSE

External Viva

Name of Examiners

1. Mrs. Pooornima P
2. P G Yedwad

Signature with date

[Signature]
6/7/22
[Signature]
6/7/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD -580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "SMART GREEN HOUSE MONITORING SYSTEM" is a bonafide work carried out by Amruta Kamat (2SD18CS014), K S Aishwarya (2SD18CS044), and Chetana S (2SD16CS028), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

Prof. Govind Neglur
Project Guide

Dr. S. M. Joshi
HoD-CSE

External Viva

Name of Examiners

1. RC Yedavani
2. Poojima R

Signature with date

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled “Design and Development of charity Application” is a bonafide work carried out by Mohammed Ayan Badbade (2SD19CS406), Abhishek R (2SD18CS003), Shravan Upase (2SD18CS098) and Bhavana Kulkarni (2SD18CS029), students of S. D. M. College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.



Prof. Ranganath Yadawad
Project Guide



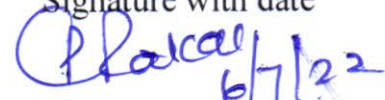
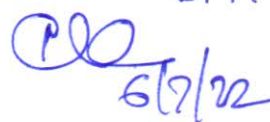
Dr. S. M. Joshi
HoD-CSE

External Viva

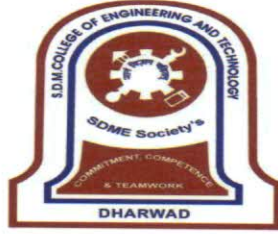
Name of Examiners

1. Poojnima R
2. R G Yadawad

Signature with date


6/7/22

6/9/22

**S.D.M COLLEGE OF ENGINEERING & TECHNOLOGY,
DHARWAD –580002**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that the project work and presentation entitled "A-I CHAT BOT" is a bonafide work carried out by GIRISH PATIL DB (2SD18CS036), MANIKANTHA L (2SD18CS053), NIKHIL R D (2SD18CS064), and PRAJWAL C (2SD18CS073) students of S.D.M.College of Engineering & Technology, Dharwad, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum, during the year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Project has been approved, as it satisfies the academic requirements in respect of project report prescribed for the said degree.

04/05/07/2022

06/07/22

Prof. Shreedhar G Yadawad

Project Guide

Dr. S M Joshi

HoD-CSE

External Viva

Name of Examiners

Signature with date

1. PG Yadawad
2. poornima R

06/07/22
06/07/22