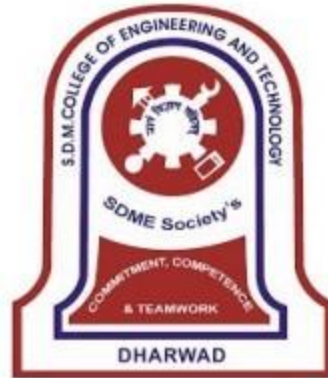


SDM College Of Engineering & Technology

Dharwad-580002



Department Of Information Science & Engineering

Certificates of UG Minor Major project Certificates

  
HOD-ISE

**Prof. & Head**  
**DEPT. OF INFORMATION SCIENCE & ENGINEERING**  
**SDM College of Engineering & Technology,**  
**Dhevalagiri DHARWAD-580 002**

---

S.D.M.E Society's

**SDM College of Engineering and Technology  
Dharwad-580002**

(Affiliated to Visvesvaraya Technological University)



**Department of Information Science and Engineering**

---

**CERTIFICATE**

This is to certify that the Introductory project work entitled "ELECTRICITY BILL CALCULATOR" is a bonafide work carried out by Tanishq Hegde K S-2SD20IS058, Varshini.S.Gondkar-2SD20IS059, Veeresh H M-2SD20IS60, Vinuta Hadimani-2SD20IS061 completed the Minor Project for V Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.\

**Project Guide**

**Prof. S R Biradar**

**HOD-ISE**

**Dr. Jagadeesh D. Pujari**

**Principal**

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

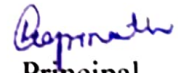
This is to certify that the project work [IP] entitled “Cricket Score Sheet” is a bonafied work carried out by Abhishek Joshi - 2SD20IS001 ,Adarsh Hosamani -2SD20IS002, Aishwarya C Maharajpet- 2SD20IS003,Akash L P- 2SD20IS004 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Dr. Rajshekarappa**

  
HOD-ISE

**Dr. Jagadeesh D. Pujari**

  
Principal

**Dr. K. Gopinath**

S. D. M. College of Engineering & Technology

Dharwad – 580002

**Department of Information Science and Engineering**



## **CERTIFICATE**

*Certified that the project work entitled "Library Management System" is an original work carried out by SHASHANK SB (2SD20IS046), SHLOK B (2SD20IS047), SIDDHARTH PV (2SD20IS048), SPOORTHI DP(2SD20IS049) in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.*

Guide

Prof. Leena Sakri

HOD

Dr. J.D.Pujari

Principal

Dr.K.Gopinath



**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**


This is to certify that the project work [IP] entitled “Calculator Implementation” is a bonafied work carried out by Pranav A - 2SD20IS034, Praveenkumar - 2SD20IS035, Pritviraj T- 2SD20IS036, Rahul Guttedar- 2SD20IS037 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Prof. Deepa Bendigeri**

  
HOD-ISE

**Dr. Jagadeesh D. Pujari**

  
Principal

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the project work [IP] entitled “Phone Book” is a bonafied work carried out by Vishal - 2SD20IS062 ,Vivek Kumar - 2SD20IS063, Aarti - 2SD20IS064, Varshini 2SD21IS404 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide

**Mrs Varsh Vaidya**

HOD-ISE

**Dr. Jagadeesh D. Pujari**

Principal

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**

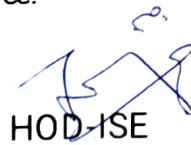


## **CERTIFICATE**

This is to certify that the project work [IP] entitled “Stack Operations” is a bonafied work carried out by Isha Shet- 2SD20IS018, Jayganesh Nayak - 2SD20IS019, Khushi Naikgad - 2SD20IS020, Laxmi G - 2SD20IS021 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Ms. Pratibha**

  
HOD-ISE

**Dr. Jagadeesh Pujari**

  
Principal

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**




**CERTIFICATE**

This is to certify that the mini project work entitled “Bank Management System” is a bonafied work carried out by Rahul M Karanth - 2SD20IS038 ,Ravi Kumar - 2SD20IS039, Rohan- 2SD20IS040, Sahana- 2SD20IS041 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Dr. Vandana.S.Bhat**

  
HOD-ISE

**Dr. Jagadeesh D. Pujari**

  
Principal

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**

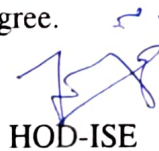


**CERTIFICATE**

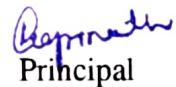
This is to certify that the project work [IP] entitled “Contact Management System” is a bonafied work carried out by Omkar P Kamat - 2SD20IS028, Omkar S Belamkar -2SD20IS029, Mruthyunjay B- 2SD20IS026, Saitharun - 2SD20IS027 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Dr. Pushpalata.N**

  
HOD-ISE

**Dr. Jagadeesh D. Pujari**

  
Principal

**Dr. K. Gopinath**



S. D. M. College of Engineering & Technology  
Dharwad -- 580002  
**Department of Information Science and Engineering**





## CERTIFICATE

*Certified that the project work entitled "Bus Reservation System" is an original work carried out by*

Suraksha K (2SD20IS054), Swarna P K (2SD20IS055), Swathi A S

(2SD20IS056), Sahana T (2SD20IS057) *in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belgaum during the year 2021-22. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.*

  
Guide  
Dr. Anita Dixit

  
HOD-ISE  
Dr. J. D. PUJARI

  
PRINCIPAL  
Dr. K. GOPINATH



**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**




## **CERTIFICATE**

This is to certify that the project work [IP] entitled “MOVIE TICKET BOOKING SYSTEM” is a bonafied work carried out by Ashwini M K - 2SD21IS400 , Netravati F J - 2SD21IS401, Pruthvi -2SD21IS402, Suraj S B 2SD21IS403, Vishal A N 2SD21IS405 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Prof S.S.Joshi**

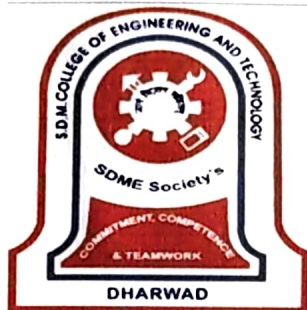
  
HOD-ISE

**Dr. Jagadeesh D. Pujari**

  
Principal

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the project work [IP] entitled “Movie Ticket Booking Management System” is a bonafied work carried out by Mitali Pramod Kulkarni - 2SD20IS023, MahammadUmer Kanavi - 2SD20IS022, Mohammed Saif Sayed - 2SD20IS024, Suraj More - 2SD20IS025 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide

**Dr. Jagadeesh D.  
Pujari**

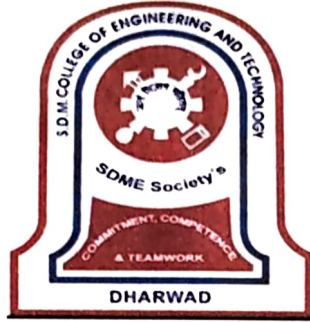
HOD-ISE

**Dr. Jagadeesh D. Pujari**

Principal

**Dr. K. Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



## **CERTIFICATE**

This is to certify that the mini project work entitled “Unit Converter” is a bonafied work carried out by Spoorti S A - 2SD20IS050, Sujay S - 2SD20IS051, Sukanya Bhat- 2SD20IS052, Surabhi H- 2SD20IS053 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide

**Prof. V.K.Parvati**

HOD-ISE

**Dr. Jagadeesh D. Pujari**

Principal

**Dr. K. Gopinath**

**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD – 580 002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

*This is to certify that the project work entitled "Calendar Application " is an original work carried out by Sakshi Hukkeri [2SD20IS042], Sakshi Mural[2SD20IS043],Savitri Shetti[2SD20IS044], Shashank Nayak[2SD20IS044] in successfully completing the Introductory project for 4<sup>th</sup> Semester B.E. of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

Prof. ARATI NAYAK

**Project Guide**

Dr. J.D.PUJARI

**H.O.D-ISE**

Dr. K GOPINATH

**Principal**

S. D. M. College of Engineering & Technology Dharwad – 580002  
Department of Information Science and Engineering



## CERTIFICATE

This is to certify that the project work [IP] entitled "Unit Converter" is a bonafied work carried out by Akash P - 2SD20IS005 ,Akshay K - 2SD20IS006, Ananya M P- 2SD20IS008, Anirudh D- 2SD20IS009 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide

Mr. Tanveer Ahmed

HOD-ISE

Dr. Jagadeesh D. Pujari

Principal

Dr. K. Gopinath




**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



## **CERTIFICATE**

This is to certify that the project work [IP] entitled “Student Management System” is a bonafied work carried out by Anirudh.A. - 2SD20IS010 , Apeksha Hudli - 2SD20IS011, Bharat Korlahalli- 2SD20IS012, Chetana Kedari- 2SD20IS013 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide 

HOD-ISE 

  
Principal

**Dr. Jagadeesh D.Pujari**

**Dr. Jagadeesh D. Pujari**

**Dr. K. Gopinath**



**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the project work [IP] entitled "Phone Book" is a bonafied work carried out by Gautam Hegde - 2SD20IS014, Gayatri Shetti - 2SD20IS015, Gowtam A Hegde- 2SD20IS016, Harshitha- 2SD20IS017 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
Guide

**Dr. Rajashekarappa**

  
HOD-ISE

**Dr. Jagadeesh D Pujari**

  
Co-Ordinator

**Dr. Vandana S Bhat**

  
Principal

**Dr. K Gopinath**

**S. D. M. College of Engineering & Technology Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

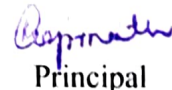
This is to certify that the project work [IP] entitled “Calculator” is a bonafied work carried out by P N Unnathi - 2SD20IS030 , Rahul R Patil - 2SD20IS031, Poorvi Sulakhe- 2SD20IS032, Prabhakar K- 2SD20IS033 completed the Introductory Project for IV Semester B.E. Degree in Information Science and Engineering of S.D.M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide  


**Mr. Tanveer Ahmed**

HOD-ISE  


**Dr. Jagadeesh D. Pujari**

Principal  


**Dr. K Gopinath**

S. D. M. College of Engineering & Technology  
Dharwad – 580002  
Department of Information Science and Engineering



## CERTIFICATE

This is to certify that the mini project work entitled "SMART PARKING AND TRACKING" is a bonafied work carried out by Mr./Miss EKTHA A BIJAPUR, KEERTI P HIREMATH, SANJAY R MALI, SHREYA M ANVEKAR successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021-2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree

Guide  
Dr.S.R.BIRADAR

HOD-ISE  
Dr.J.D.PUJARI

Principal  
PRINCIPAL  
Dr.K.GOPINATH

Examiner1:

Name:

Signature with date

Examiner2:

Name:

Signature with date

Arati S N


August 8/7/20

**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the mini project work entitled “ MCQ Quiz Application” is a bonafide work carried out by Mr. Abhinav Kumar(2SD19IS001), Mr. Amogh Huddar(2SD19IS007) and Mr. Kartik Wadhwa(2SD19IS025) successfully completed the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

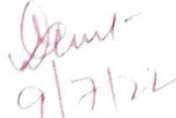
Guide   
**Dr. Vandana Bhat**

  
HOD-ISE  
**Dr. Jagadeesh Pujari**

  
Principal  
**Dr. K. Gopinath**


Examiner1:

Name: Dr. Anurag Dixit

Signature with date   
9/7/22

Examiner2:

Name: Arati S Nayak

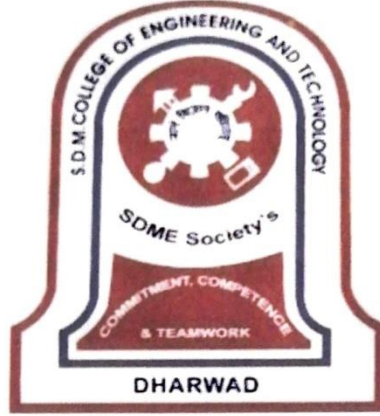
Signature with date   
9/7/22



S. D. M. College of Engineering & Technology.

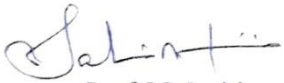
Dharwad – 580002.

Department of Information Science and Engineering.



**CERTIFICATE**

This is to certify that the Mini project work entitled “Leave Management System” is a work carried out by Samarth M, Abhishek Renjal, Sandesh Bhat, Ananya Shanbhag \_successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.



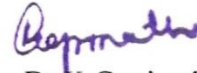
Prof.SS.Joshi

Guide



Dr. JD Pujari

HOD-ISE



Dr.K.Gopinath

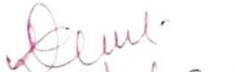
PRINCIPAL-SDMCET

Examiner 1:

Name:

Dr. Anubha Dixit

Signature with date:


  
9/7/22

Examiner 2:

Name:

Aradhya S.N.

Signature with date:

  
9/7/22

**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the mini project work entitled "Online Voting App" is a bonafied work carried out by Miss Pooja Nadiger (2SD19IS032), Miss Pooja Joshi (2SD19IS033), Miss Ranjana Pavasker(2SD19IS038), Miss Vaishnavi Jogi(2SD19IS058) successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree

Guide  
Dr. Jagdeesh Pujari

HOD-ISE  
Dr. Jagdeesh Pujari

Principal  
Dr. K.Gopinath

Examiner1:

Name: Dr. Anita Dixit

Signature with date  
Anita Dixit  
8/7/22

Examiner2:

Name: Arati S. Nayak

Signature with date  
Arati S. Nayak  
8/7/22



**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



## CERTIFICATE

This is to certify that the mini project work entitled "Budget Tracker" is a bonafied work carried out by Mr. Srinivas Patil(2SD19IS051), Miss. Sneha Sarawad(2SD19IS050), Miss. Vinaya J.(2SD19IS062) and Mr. Chinmay K.( 2SD19IS016) successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree

  
Guide

Dr. V. K. Parvati

  
HOD-ISE

Dr. Jagadeesh Pujari

  
Principal

Dr. K. Gopinath

Examiner1:

Name:

Dr. Anvita Dixit  
9/7/22

Examinor2:

Name:

Arati S. Nayak  
9/7/22

**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



## CERTIFICATE

This is to certify that the Minorproject-2 work entitled "Gym & Fitness Application" is a bonafied work carried out by Mr./Miss Amita B(2SD18IS007), Amogh B(2SD18IS008), Divyank R(2SD18IS018), Shreyas D(2SD19IS048) successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide  
25/6/22

HOD-ISE

Examiner1:

Name: Dr Amta Dixit

Signature with date  
9/7/22

Examiner2:

Name: Arati S Nayak

Signature with date  
Arati



## CERTIFICATE

This is to certify that the mini project work entitled " Remote Control System of Android Phone via SMS " is a bonafied work carried out by Mr./Miss Padmavati, Sumaiyya, Sushma, Varun successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021-2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

  
27/6/22

**Prof. Varsha Jadhav**  
**Guide**

  
27/6/22

**Dr. Jagadeesh Pujari**  
**HOD-ISE**



**Dr. K. Gopinath**  
**Principal**

Examiner1:

Name: *Dr. Anila Dixit*

Signature with date

  
27/6/22

Examiner2:

Name:

*Anila S. Dixit*

Signature with date

*Anila S. Dixit*  
27/6/22

**S. D. M. College of Engineering & Technology**

**Dharwad – 580 002**

**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the mini project work entitled “RAPS PLAYER” is a bonafied work carried out by Ms. Anushree Hegde , Ms. K. Shravani, Ms. Pooja G.T, and Ms. Rachana Hegde successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

GUIDE *Arati*  
*27/6/2022*  
(Prof Arati S.Nayak)

HOD-ISE *[Signature]*  
(Dr. J.D.Pujari)

*[Signature]*  
PRINCIPAL  
(Dr.K.Gopinath)

Examiner1:

Name: *Dr Anita Dixit*

Signature with date *[Signature]*  
*8/7/22*

Examiner2:

Name: *Arati S. Nayak*

Signature with date *[Signature]*  
*8/7/22*




**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



## CERTIFICATE

This is to certify that the mini project work entitled “**FOOD WASTE MANAGEMENT**” is a bonafied work carried out by Rabbesubhani M Madras(2SD20IS401), Zuha Mujawar(2SD19IS063), Sneha Kuppasgoudar(2SD20IS404) successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree

Guide   
27/6

**Prof. Tanweer Ahmed**

  
HOD-ISE

**Dr. Jagadeesh Pujari**

  
Principal

**Dr. K. Gopinath**

Examiner1:

Name: *Dr Amta Dixit*

Signature with date *[Signature]*  
8/7/22

Examinor2:

Name: *Arati S. Nayak*

Signature with date *[Signature]* 8/7/22

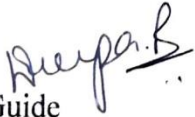
## Voice Alert Based Notification Android App



S. D. M. College of Engineering & Technology  
Dharwad – 580002  
Department of Information Science and Engineering



### CERTIFICATE


This is to certify that the mini project work entitled  
“Voice Alert Based Notification Android App” is a bonafied work carried  
out by Mr./Mis Vedavyas, Shilpa, Shraddha, keerti successfully  
completing the Minor Project-2 for VI Semester B.E. Degree in  
Information Science and Engineering of S. D. M. College of Engineering,  
Autonomous Institution under Visvesvaraya Technological University,  
Belagavi during the year 2021–2022. It is certified that all necessary  
suggestion indicated for internal assessment have been incorporated in the  
report deposited in the department library. The project work has been  
approved as it has successfully satisfied the academic requirements as  
prescribed for the Bachelor of Engineering Degree

  
Guide

  
HOD-ISE   
Principal

Examiner1:

Name: Anita Dixit

Signature with date   
9/7/22

Examiner2:

Name: Arati S. Nayak

Signature with date   
9/7/22



S. D. M. College of Engineering & Technology  
Dharwad – 580002  
Department of Information Science and Engineering




## CERTIFICATE

This is to certify that the mini project work entitled "Fresh Pickens" is a bonafied work carried out by Bharat Choudhary(2SD19IS014), Chandana Prasad(2SD19IS015), Divya V Bhat (2SD19IS018) and Ramakrishna Kannari(2SD19IS037) successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree


Guide   
Dr. Anita Dixit

HOD-ISE   
Dr. Jagadeesh Pujari

  
Principal  
Dr. K. Gopinath


Examiner1:

Name: Dr Anita Dixit

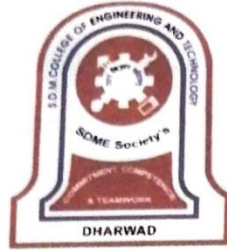
Signature with date   
9/7/22

Examiner2:

Name: Arati S. Nayak

Signature with date   
9/7/22

**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



## CERTIFICATE

This is to certify that the mini project work entitled “College Bus Tracker” is a bonafied work carried out by **Aftab Shaikh(2SD19IS004)**, **Akash Puranik(2SD19IS005)**, **Shrinivas Vaidya(2SD19IS049)**, **Varun Mahale(2SD19IS060)** successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.



**Guide**

**Dr. Jagadeesh Pujari**



**HOD-ISE**

**Dr. Jagadeesh Pujari**

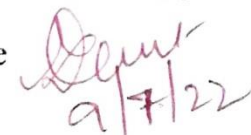


**Principal**

**Dr. K Gopinath**

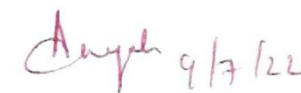
Examiner1:

Name: **Dr. Amita Dixit**

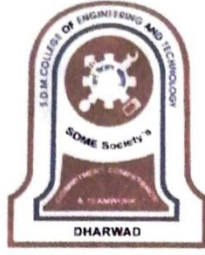
Signature with date   
**9/7/22**

Examiner2:

Name: **Arati S. Nayak**

Signature with date   
**9/7/22**

**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the mini project work entitled “**Grocery Application**” is a bonafied work carried out by Miss Anagha K, Miss Srushti C, Miss Surabhi H, Miss Umeruman M A successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree

Guide

*[Signature]*  
**Dr. Jagadeesh Pujari**

HOD ISE

*[Signature]*  
**Dr. Jagadeesh Pujari**

Principal

*[Signature]*  
**Dr. K. Gopinath**

Examiner1:

Name:

Signature with date:

*Dr. Anita Dixit*  
*[Signature]*  
9/7/22

Examiner2:

Name:

Signature with date:

*Arati S. Nayak*  
*[Signature]*  
9/7/22

S. D. M. College of Engineering & Technology  
Dharwad 580002

Department of Information Science and Engineering



## CERTIFICATE

This is to certify that the mini project work entitled "EXAM SEAT ALLOCATION" is a bonafied work carried out by Mr./Miss Disha D Naik (2SD19IS017), Arpita Kori (2SD19IS011), Arpita Mruthyunjaya Hiremagadi (2SD19IS012), Asiya Sulthana (2SD19IS013) successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021-2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Guide

Anita Dixit

HOD-ISE

Dr Jagadeesh Pujari

Principal

Dr. K. Gopinath

Examiner1:

Name:

Dr Anita Dixit

Signature with date

Examiner2:

Name:

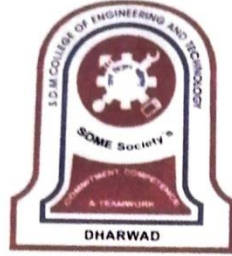
Arabi S N.

Signature with date



**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

**S. D. M. College of Engineering & Technology Dharwad –  
580002 Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the mini project work entitled “HOSTEL MANAGEMENT APPLICATION” is a bonafied work carried out by Saurabh B shetty - 2SD17IS052, Bhagyashree A - 2SD18IS013, Prajwal I Akki - 2SD18IS030, Suraj Bhavikatti-2SD18IS055 completed the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree

Guide

**Prof. S.S. Joshi**

HOD-ISE

**Dr. Jagadeesh Pujari**

Principal

**Dr. K. Gopinath**

Examiner1:

Name: *Dr. Anita Dixit*

Signature with date *[Signature]*  
*9/7/22*

Examiner2:

Name: *Arati S N.*

Signature with date *[Signature]*  
*9/7/22*


**S. D. M. College of Engineering & Technology**  
**Dharwad – 580002**  
**Department of Information Science and Engineering**



**CERTIFICATE**

This is to certify that the mini project work entitled “Cloud Kitchen” is a bonafied work carried out by Mr. ADITYA B - 2SD19IS003 GURUPRASAD B - 2SD19IS021 KANISHKVARDHAN A N - 2SD19IS023 KARTHIK K - 2SD19IS024 successfully completing the Minor Project-2 for VI Semester B.E. Degree in Information Science and Engineering of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belagavi during the year 2021–2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree


  
Guide  
Dr. Anita Dixit

  
HOD-ISE  
Dr. J.D Pujari

  
Principal  
Dr. K. Gopinath

Examiner1:

Name: Dr. Anita Dixit

Signature with date   
8/7/22

Examinor2:

Name: Arati S. Nayak

Signature with date   
8/7/2022





**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

**(An autonomous Institution affiliated to VTU, Belagavi – 590018)**



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled **“GO-LIVE CLASSES”** is an original work carried out by **Mr. SHUBHAM D H [2SD18IS049], Mr. KIRANKUMAR C G [2SD18IS065], Mr. PAVAN J [2SD18IS069] and Mr. RANGANATH L [2SD18IS042]** in partial fulfilment for the award of degree of **Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.***

**Prof. Tanweer Ahmed**  
Project Guide

**Prof. Varsha S. Jadhav**  
Project coordinator

**Dr. J. D. Pujari**  
HOD ISE

**Dr. K. Gopinath**  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Rajesh Yakkundimath	



S. D. M. College of Engineering & Technology

Dharwad-580002

Department of Information Science and Engineering



## CERTIFICATE

This is to certify that the project work entitled "*Gesture Controlled Wheelchair*" is a bonafide work carried out by *Ms. Anusha Raichur, Ms. Manasi Remje, Mr. Pruthviraj S V, Ms. Aishwarya S Bijapur* in successfully completing the project for 8<sup>th</sup> semester B. E., Degree in **Information Science and Engineering** of S. D. M. College of Engineering, Autonomous Institution under Visvesvaraya Technological University, Belgaum during the year 2021-2022. It is certified that all necessary suggestion indicated for internal assessment have been incorporated in the report deposited in the department library. The project work has been approved as it has successfully satisfied the academic requirements as prescribed for the Bachelor of Engineering Degree.

Prof. Varsha S. Jadhav

Co-Ordinator & Guide

Dr. Jagdeesh Pujari

H. O. D ISE

Dr. Gopinath

Principal

Examiners

1. Varsha S Jadhav
2. Dr. Rajesh Yakkundimath

Signature with Date

**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

Certified that the project work entitled **“Handwritten Equation Solver”** is an original work carried out by **Ms.CHANDANA HEGDE [2SD16IS014], Ms.NAGASHREE BHAT[2SD18IS028], and Ms.SAVITA M[2SD19IS405]** in partial fulfilment for the award of degree of **Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi** during the year **2021-22**. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

**Prof. Arati Nayak**  
Project Guide

**Prof. Varsha S. Jadhav**  
Project coordinator

**Dr. J. D. Pujari**  
HOD ISE

**Dr. K. Gopinath**  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Dr. Rajesh Yatturmath	



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi - 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

Certified that the project work entitled "**Author Identification for Handwritten Text**" is an original work carried out by **Mr. ADARSH ASHOK SHANBHAG [2SD18IS001]**, **Mr. AKSHAY K[2SD18IS005]**, **Ms. MANUSHREE BHAT [2SD18IS027]** and **Mr. RAKSHIT S HANDRAL [2SD18IS040]** in partial fulfilment for the award of degree of **Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi** during the year **2021-22**. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

*Deepa B*  
5/7/22

Prof. Deepa Benigeri  
Project Guide

*[Signature]*  
5/7/22

Prof. Varsha S. Jadhav  
Project coordinator

*[Signature]*  
5/7/22

Dr. J. D. Pujari  
HOD ISE

*[Signature]*  
Dr. K. Gopinath  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	<i>[Signature]</i> 5/7/22
2.	Dr. Rajesh Yakkundmatu	<i>[Signature]</i>



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled “Gesture Based Drawing Application” is an original work carried out by Ms. VIJETA K KERUR [2SD18IS067], Mr. ABHISHEK PATKI [2SD18IS073], Mr. GAUTAM R SHET [2SD18IS019] and Mr. SOHAIL MOKASHI [2SD18IS076] in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

Prof. Leena I. Sakri  
Project Guide

Prof. Varsha S. Jadhav  
Project coordinator

Dr. J. D. Pujari  
HOD ISE

Dr. K. Gopinath  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Dr. Rajesh Y. Kulkarni	



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled “Cotton Leaf Disease Detection and Severity Estimation” is an original work carried out by Ms. ANANYA BOGAR [2SD18IS009], Ms. PRATIKSHA HALLAD [2SD18IS033], Mr. SIDDESH V N [2SD18IS051] and Ms. MANISHA CC [2SD18IS068] in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

Dr. Anita Dixit

Project Guide

Prof. Varsha S. Jadhav

Project coordinator

Dr. J. D. Pujari

HOD ISE

Dr. K. Gopinath

Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Vaasha S Jadhav	
2.	Dr. Rajesh Yakkandimath	
3.		



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

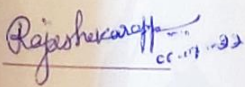
(An autonomous Institution affiliated to VTU, Belagavi – 590018)



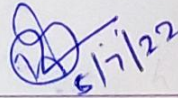
**Department of Information Science and Engineering**

**CERTIFICATE**

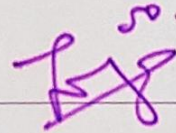
This is to certify that the project work entitled "**Secure File Storage on Cloud**" is an original work carried out by **Ms. SUMEDHA KULKARNI [2SD18IS054], Ms. SWATHI PATIGE [2SD18IS057], Mr. VIJET DESHPANDE [2SD18IS063]** in successfully completing the project for 8<sup>th</sup> Semester B.E. of degree of Bachelor of Engineering in **Information Science and Engineering** of **S.D.M. College of Engineering & Technology** under the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

  
Dr. Rajashekarappa

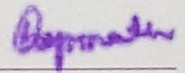
Project Guide

  
Prof. Varsha Jadhav

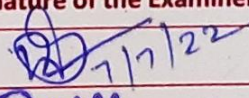
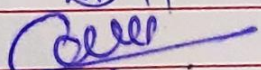
Co-Ordinator

  
Dr. J. D. Pujari

H.O.D-ISE

  
Dr. K. Gopinath

Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha SJ	 7/7/22
2.	Dr. Rajesh Yakkondmat	



# SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD-580002

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



Department of Information Science and Engineering

## CERTIFICATE

Certified that the project work entitled "*Facial Emotion Based Music Player*" is an original work carried out by *Ms. Dhanya M [2SD18IS017]*, *Ms. Kavya M Hiregoudar[2SD18S023]*, *Ms. Nandita V Hiremath [2SD18IS075]* and *Ms. Shrinidhi Joshi[2SD18IS047]* in partial fulfilment for the award of degree of Bachelor of Engineering in *Information Science and Engineering* of *S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi* during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

Dr. Vandana S Bhat

Project Guide

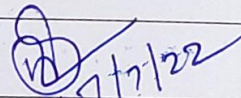
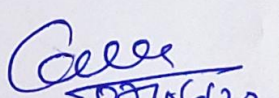
Dr. J. D. Pujari

H.O. D-ISE

Dr. K Gopinath

Principal

Name and Signature of the examiners:

SL NO	Name	Signature with date
1.	Vaasha S J	 7/7/22
2.	Dr. Rajesh Yakundamra	 07/06/22



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

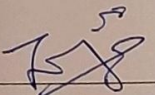
(An autonomous Institution affiliated to VTU, Belagavi – 590018)

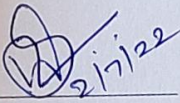


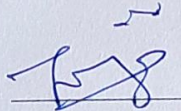
**Department of Information Science and Engineering**

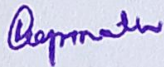
**CERTIFICATE**

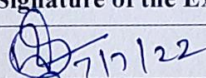
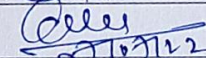
Certified that the project work entitled "**Detection of Diabetic Retinopathy using Convolutional Neural Network**" is an original work carried out by **Ms J.Divya [2SD18IS020], Ms Roma Das[2SD18IS043], Ms Shreya R Mummigatti[2SD18IS066], Ms Shweta G[2SD18IS050]** in partial fulfillment for the award of degree of Bachelor of Engineering in **Information Science and Engineering** of **S.D.M. College of Engineering & Technology** under the **Visvesvaraya Technological University, Belagavi** during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

  
Dr. J. D Pujari  
Project Guide

  
Prof. Varsha S Jadhav  
Coordinator

  
Dr. J. D Pujari  
H.O.D-ISE

  
Dr. K. Gopinath  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Rajesh Yakkundmath	



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled “Automatic Ration Vending Machine” is an original work carried out by Miss. Shrinidhi S Hegde [2SD18IS048], Miss. Priyanka G Shisanalli [2SD18IS035], Mr. Sivapuram Rama Rohith [2SD18IS052] and Mr. Shrikrishna Huilgol [2SD18IS046] in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Projectwork prescribed for the Bachelor of Engineering Degree.*

**Prof. Varsha S. Jadhav**  
Project coordinator  
& Guide

**Dr. J. D. Pujari**  
HOD ISE

**Dr. K. Gopinath**  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S J	
2.	Dr. Rajesh Yakkandimath	



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled “IOT Based Smart Irrigation System Using Raspberry pi” is an original work carried out by Ms. RAMEZA BANU MOHAMMDNAVAR [2SD18IS041], Ms. SHREYA T NAGAPPANAVAR [2SD18IS900], Mr. ANNAPPA ULLI [2SD19IS400] and Ms. REKHA SAVADATTI [2SD19IS403] in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

**Dr. S. R. Biradar**  
Project Guide

**Prof. Varsha S. Jadhav**  
Project coordinator

**Dr. J. D. Pujari**  
HOD ISE

**Dr. K. Gopinath**  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Dr. Rajesh Yakkandmal	



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution affiliated to VTU, Belagavi – 590018)



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled “SLIP SOFTWARE” is an original work carried out by **Mr. KHALANDAR B [2SD18IS403], Mrs. RITIKA GAONKAR [2SD17IS047], Mr. HEMANTH KUMAR S[2SD17IS023] and Mr. TANISH P [2SD18IS060] Mr. ARUN KUMAR[2SD16IS012]** in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

**Prof. S S Joshi**

**Project Guide**

**Prof. Varsha S.  
Jadhav**

**Project coordinator**

**Dr. J. D. Pujari**

**HOD ISE**

**Dr. K. Gopinath**

**Principal**

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Dr. Rajesh K Kalandar	
3.		



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,**

**DHARWAD - 580002**

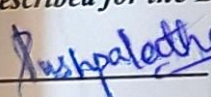
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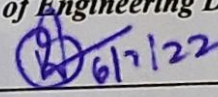


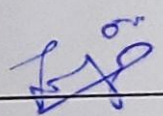
**Department of Information Science and Engineering**

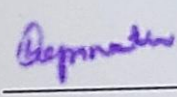
## **CERTIFICATE**

*Certified that the project work entitled “Glaucoma Detection Using CNN” is an original work carried out by **Mr. Aditya Kumar Singh [2SD18IS003], Mr. Jayaraj [2SD18IS021], Mr. Nihal Shetty [2SD18IS029], Mr. Mahit Mokashi [2SD17IS030] and Mr. Rahul Kumar [2SD18IS039]** in partial fulfillment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

  
Dr. Pushpaltaha S.  
Nikkam

  
Prof. Varsha S. Jadhav

  
Dr. J. D. Pujari

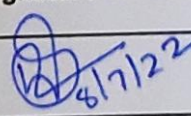
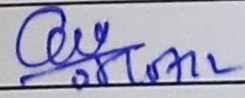
  
Dr. K. Gopinath

Project Guide

Project coordinator

HOD ISE

Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Dr. Rajes k Yakkumath	



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**Department of Information Science and Engineering**  
**CERTIFICATE**

Certified that the project work entitled "**CERVICAL CANCER ANALYSIS**" is an original work carried out by **Ms. AISHWARYA KADAM [2SD18IS004]**, **Ms. PRIYANKA KURLI [2SD18IS036]**, **Ms. SHREYA DESHPANDE [2SD18IS064]** and **Ms. DIVYA BHARTI B. KARETI [2SD18IS071]** in partial fulfilment for the award of degree of Bachelor of Engineering in **Information Science and Engineering** of **S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi** during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

*PAB* 04/07/22

**Ms. Pratibha Badiger**  
Project Guide

*J. D. Pujari* 04/07/22

**Dr. J. D. Pujari**  
H.O.D-ISE

*Gopinath*

**Dr K.Gopinath**

**Principal**

<u>Name</u>	<u>USN</u>
Aishwarya Kadam	2SD18IS004
Priyanka Kurli	2SD18IS036
Shreya Deshpande	2SD18IS064
Divya Bharti B.Kareti	2SD18IS071

**Name and Signature of the examiners:**

SL NO.	Name	Signature with Date
1	<i>Vaisha SJ</i>	<i>[Signature]</i> 07/07/22
2	<i>Dr. Rajesh Yakkundimch</i>	<i>[Signature]</i> 07/07/22



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DHARWAD - 580002**

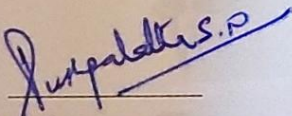
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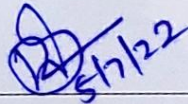
**Department of Information Science and Engineering**

**CERTIFICATE**

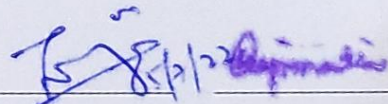
Certified that the project work entitled "**Sign Language recognition using Machine Learning**" is an original work carried out by **Ms. DEEPTI NAYAK [2SD18IS016]**, **Ms. KAJAL KALAL [2SD18IS022]**, **Ms. LAKSHMI K B [2SD18IS024]**, **Ms. RUKMINI VASAN [2SD19IS404]** in partial fulfilment for the award of degree of **Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.**



**Dr. Pushpalatha S. Nikkam**  
Project Guide

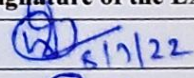
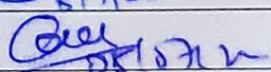


**Prof. Varsha Jadhav**  
Project coordinator



**Dr. J. D. Pujari**  
HOD ISE

**Dr. K. Gopinath**  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Vaasha S Jadhav	
2.	Dr. Rajesh Yakkundram	



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**Department of Information Science and Engineering**

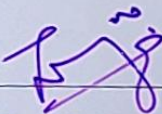
**CERTIFICATE**

Certified that the project work entitled "*Gender and Age Classification Using Deep Learning*" is an original work carried out by **Ms. SHIVANI A PATILKULKARNI [2SD18IS045]**, **Ms. PRATIKSHA KARKANAVAR [2SD18IS070]**, **Ms. ADITI M [2SD18IS002]**, **Ms. MADHURA CHANDUNAVAR [2SD18IS025]** in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under the Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

  
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**Dr. Vandana Shreenivas**

**Project Guide**

  
\_\_\_\_\_

**Dr. J. D. Pujari**

**H.O.D-ISE**

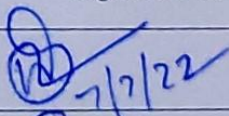
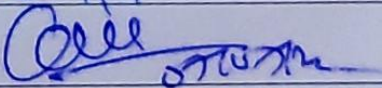
  
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**Dr K. Gopinath**

**Principal**

<u>Name</u>	<u>USN</u>
Aditi M	2SD18IS002
Madhura Chandunavar	2SD18IS025
Pratiksha Karkannavar	2SD18IS070
Shivani A Patilkulkarni	2SD18IS045

**Name and Signature of the Examiners:**

SL.NO.	Name	Signature with date
1	Vasha S Jadhav	 7/7/22
2	Dr Rajesh Makbunder	 07/07/22



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DHARWAD - 580002**

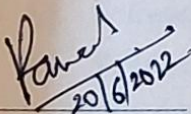
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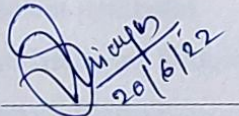
**Department of Information Science and Engineering**

**CERTIFICATE**

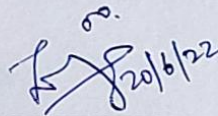
*Certified that the project work entitled “e-KYC Verifier Using Blockchain” is an original work carried out by Mr. ANISH S BHANDIWAD [2SD16IS004], Mr. ABHILASH YM [2SD18IS072], Mr. PRATIK K KUNTHE [2SD18IS032] and Mr. AMIT KALAGI [2SD18IS006] in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

  
20/6/2022

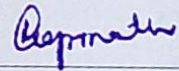
Prof. V. K. Parvati  
Project Guide

  
20/6/22

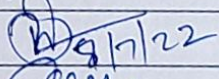

Prof. Varsha S. Jadhav  
Project coordinator

  
20/6/22

Dr. J. D. Pujari  
HOD ISE



Dr. K. Gopinath  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S J	
2.	Dr. Rajesh Takkur Um ch	



**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,  
DHARWAD - 580002**

(An autonomous Institution  
590018)

affiliated to VTU, Belagavi -



**Department of Information Science and Engineering**

**CERTIFICATE**

*Certified that the project work entitled "Media Control using Hand Gesture Moments" is an original work carried out Mr. PRASHANT S N [2SD18IS031], Mr. SARDAR PARAMJEET SINGH [2SD18IS044], Mrs. SUSHMA S [2SD18IS056] and Mr. KARTIK M [2SD19IS402], in partial fulfilment for the award of degree of Bachelor of Engineering in Information Science and Engineering of S.D.M. College of Engineering & Technology under Visvesvaraya Technological University, Belagavi during the year 2021-22. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.*

Dr. J. D. Pujari  
Project Guide &  
HOD ISE

Prof. Varsha S. Jadhav  
Project coordinator

Dr. K. Gopinath  
Principal

Sl. no	Name of the Examiner	Signature of the Examiner
1.	Varsha S Jadhav	
2.	Dr. Rajes h Yakkandamur	
3.		